



Guide 2017

National Centres of Competence in Research



SWISS NATIONAL SCIENCE FOUNDATION

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1. The NCCRs at a glance

Overview of NCCR Calls

	Submitted pre-proposals	Submitted full proposals	Approved proposals	Years of operation
1st Call (1999)*	82	34	14	2001-2013
2nd Call (2003)	44	17	6	2005-2017
3rd Call (2008)	54	28	8	2010-2022
4th Call (2011)	63	23	8	2014-2026

* The NCCRs of the 1st Call are terminated. For more information see www.snf.ch

2nd Call of NCCRs

Short Name	NCCR-Director	Home Institution	Starting date
Affective Sciences	Prof. David Sander	University of Geneva	September 1, 2005
Democracy	Prof. Daniel Kübler	University of Zurich	October 1, 2005
Iconic Criticism	Prof. Ralph Ubl	University of Basel	October 1, 2005
Mediality	Prof. Christian Kiening	University of Zurich	October 1, 2005
SESAM*	Prof. Jürgen Margraf	University of Basel	October 1, 2005
Trade Regulation	Prof. Manfred Elsig	University of Bern	September 1, 2005

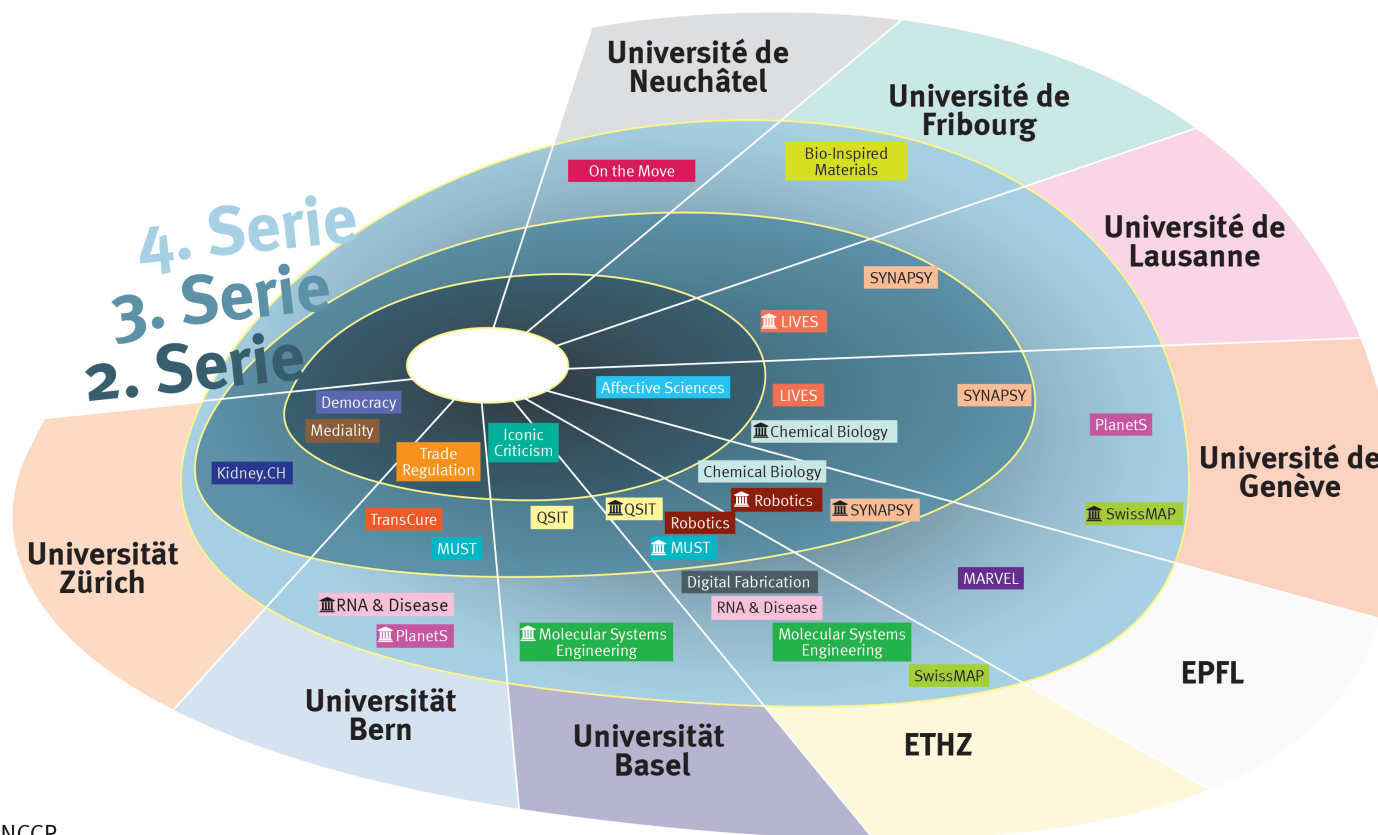
*Terminated in 2010

3rd Call of NCCRs

Short Name	NCCR-Director	Home Institution	Starting date
Chemical Biology	Prof. Howard Riezman	University of Geneva, EPFL	December 1, 2010
Kidney.CH	Prof. François Verrey	University of Zurich	August 1, 2010
LIVES	Prof. Dario Spini	University of Lausanne, University of Geneva	January 1, 2011
MUST	Prof. Ursula Keller	ETH Zurich, University of Bern	July 1, 2010
QSIT	Prof. Klaus Ensslin	ETH Zurich, University of Basel	January 1, 2011
Robotics	Prof. Dario Floreano	EPFL, ETH Zurich	December 1, 2010
SYNAPSY	Prof. Alexandre Dayer	Universities of Geneva and Lausanne, EPFL	October 1, 2010
TransCure	Prof. Hugues Abriel	University of Bern	November 1, 2010

4th Call of NCCRs

Short Name	NCCR-Director	Home Institution	Starting date
Bio-Inspired Materials	Prof. Christoph Weder	University of Fribourg	June 1, 2014
Digital Fabrication	Prof. Matthias Kohler	ETH Zurich	June 1, 2014
MARVEL	Prof. Nicola Marzari	EPFL	May 1, 2014
Molecular Systems Engineering	Prof. Richard T. Warburton	University of Basel, ETH Zurich	July 1, 2014
On the Move	Prof. Gianni D'Amato	University of Neuchatel	June 1, 2014
PlanetS	Prof. Willy Benz	University of Berne, University of Geneva	June 1, 2014
RNA & Disease	Prof. Oliver Mühlemann	University of Bern, ETH Zurich	May 1, 2014
SwissMAP	Prof. Stanislav Smirnov	University of Geneva, ETH Zurich	July 1, 2014



Legende:

🏛️ Erste Heiminstitution

2. Serie: Beginn 2005, 5 NCCR

3. Serie: Beginn 2010, 8 NCCR

4. Serie: Beginn 2014, 8 NCCR

2nd Call of NCCRs: Funding in phase 1, 2 and phase 3: 2013 - 2016

Funding source (CHF)	Phase 1	Phase 2	2013	2014	2015	2016	Phase 3 total
SNSF funding	40'300'000	41'790'000	8'266'535	7'755'956	6'699'710	5'611'000	28'333'201
Self-funding from Home Institutions	12'440'810	19'163'626	6'106'422	4'772'078	5'292'074	5'229'381	21'399'955
Self-funding from project participants	22'471'911	29'664'229	7'960'803	6'534'076	5'741'888	7'198'442	27'435'209
Third-party funding	3'908'090	5'895'190	1'578'645	1'762'731	1'293'164	694'030	5'328'570
Total	79'120'811	96'513'045	23'912'405	20'824'841	19'026'836	18'732'853	82'496'935

3rd Call of NCCRs: Funding in phase 1 and phase 2: 2014 - 2017

Funding source (CHF)	Phase 1	2014	2015	2016	2017	Phase 2 total
SNSF funding	124'618'100	35'941'076	34'725'876	32'533'000	25'377'000	128'576'952
Self-funding from Home Institutions ¹	69'282'796	19'558'548	23'743'954	23'193'244	20'609'117	87'104'863
Self-funding from project participants	91'090'642	28'830'363	26'702'284	22'604'081	20'981'252	99'117'980
Third-party funding ²	3'163'425	793'527	626'239	214'866	200'000	1'834'632
Total	288'154'963	85'123'514	85'798'353	78'545'191	67'167'369	316'634'427

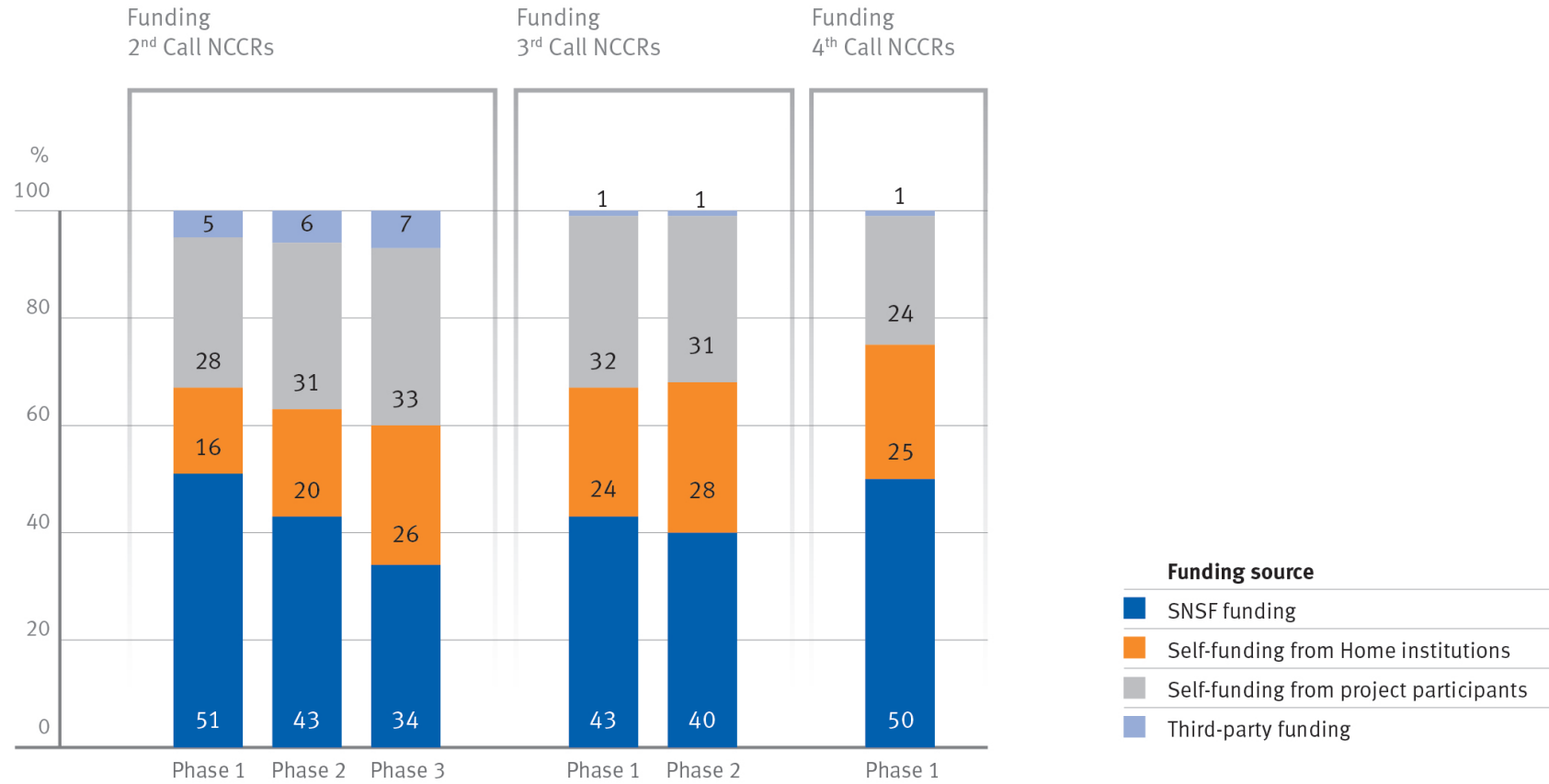
4th Call of NCCRs: Funding in phase 1: 2014 - 2017

Funding source (CHF)	2014	2015	2016	2017	Phase 1 total
SNSF funding	29'989'032	30'799'525	31'255'780	30'984'000	123'028'337
Self-funding from Home Institutions ¹	11'172'531	13'852'905	17'779'724	19'655'883	62'461'043
Self-funding from project participants	15'809'139	18'595'553	13'035'217	12'960'367	60'400'276
Third-party funding ²	1'040'486	540'733	230'222	120'000	1'931'441
Total	58'011'188	63'788'716	62'300'943	63'720'250	247'821'097

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

² Not included is CTI funding

Funding of the NCCRs



Persons involved in the NCCRs in the last reporting period (12 months)

2nd, 3rd and 4th Call of NCCRs

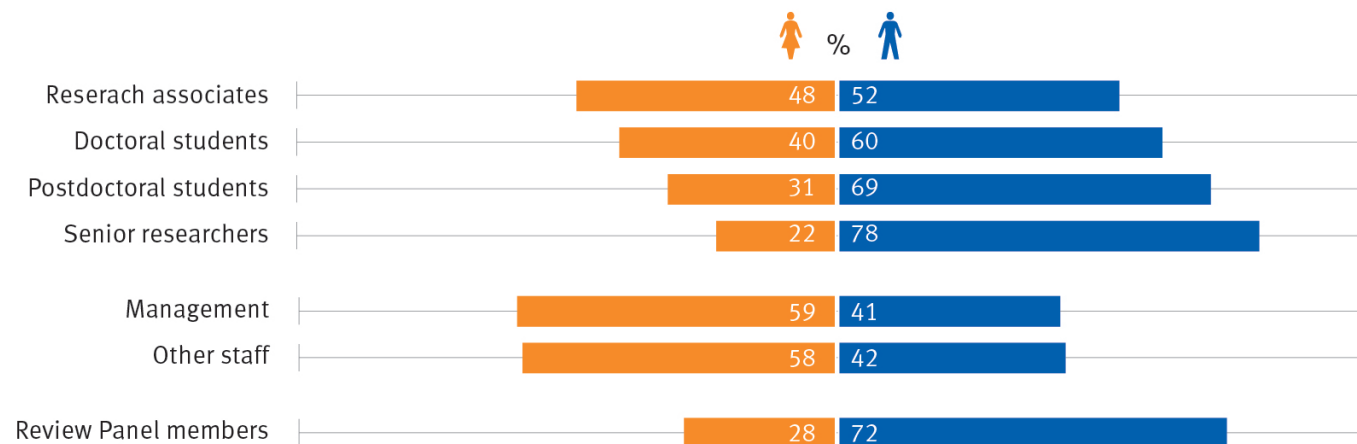
Personnel	Total of Persons	Female	Male	Swiss	Other nationalities
Research associates ¹	110	53	57	42	70
Doctoral students	777	312	465	245	551
Postdoctoral students	561	175	386	75	502
Senior researchers ²	698	155	543	295	444
Management ³	148.44	186	127	157	145
Other staff	245	142	103	147	103
Total	2539.44	1023	1681	961	1815

¹ Includes graduate scientists (level master) but not registered as doctoral students or undergraduate students participating in research projects.

² Including leaders of the individual projects and other organisational units of the NCCRs

³ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication, education and training

Gender in the NCCRs



NCCR Affective Sciences

Emotion in Individual Behaviour and Social Processes



NCCR Director: Prof. David Sander
Home Institution: University of Geneva
Start date: 1st of September 2005 (2nd NCCR series)

Heads of Research Groups

Prof. Mireille Becharon	TECFA-FPSE, Université de Genève
Prof. Fabrice Clement	Centre de sciences cognitives, Université de Neuchâtel
Prof. Arnaud D'Argembeau	Psychopathologie cognitive, Université de Liège
Prof. Julien Deonna	Faculté des Lettres, Université de Genève
Prof. Achim Elfering	Institut für Psychologie, Universität Bern
Prof. Ernst Fehr	Institut für Empirische Wirtschaftsforschung, Universität Zürich
Prof. Didier Grandjean	Faculté de Psychologie et des Sciences de l'Education, Université de Genève
Prof. Patrizia Lombardo	Faculté des Lettres, Université de Genève
Prof. Thierry Pun	Faculté des Sciences, Université de Genève
Prof. David Sander	Faculté de Psychologie et des Sciences de l'Education, Université de Genève
Prof. Sophie Schwartz	Faculté de Médecine, Centre Médical Universitaire, Genève
Prof. Marianne Schmid Mast	Département de Comportement Organisationnel, HEC, Université de Lausanne
Prof. Norbert Semmer	Institut für Psychologie, Universität Bern
Prof. Fabrice Teroni	Faculté des Lettres, Université de Genève
Prof. Franziska Tschan	Institut de Psychologie du Travail et des Organisations, Université de Neuchâtel
Prof. Martial van der Linden	Faculté de Psychologie et des Sciences de l'Education, Université de Genève
Prof. Patrik Vuilleumier	Faculté de Médecine, Centre Médical Universitaire, Genève

Output Data

Knowledge and technology transfer

1406 Publications
12 Not peer-reviewed articles
1030 Peer-reviewed articles **41 Books** **7 Reports**
316 Anthology articles
1794 Presentations at congresses
143 Cooperations
126 Research institutions **9 Others**
1 Programme **7 Private sector**
13 Transfer activities
13 Prototypes/processes

[Overview of all Research Projects](#)

Management/Coordination

Campus Biotech
CISA - Université de Genève
Daniela Sauge
Administratrice
Chemin des Mines 9
1202 Genève
+41 22 379 09 30
www.affective-sciences.org

Participating Institutions

Universität Bern (2 groups)/Université de Genève (10 groups)
Université de Lausanne (1 group) Université de Liège (1 group)
Université de Neuchâtel (2 groups)/Universität Zürich (1 group)

Members of the Review Panel

Prof. Fabrizio Butera (Chair), SNF, Bern, CH
Prof. Susanna Burghartz, SNF, Bern, CH
Prof. Margaret Clark, Department of Psychology, Yale University, US
Prof. Gerald L. Clore, Department of Psychology, University of Virginia, US
Prof. Ronald B. De Sousa (em.), Department of Philosophy, University of Toronto, CA
Prof. David Konstan, Department of Classics, New York University, US
Prof. Elizabeth A. Phelps, Department of Psychology, New York University, US
Prof. Kurt Reusser, SNF, Bern, CH
Prof. Pio Enrico Ricci Bitti, Dipartimento di Psicologia, Università di Bologna, IT
Prof. Peggy A. Thoits, Department of Sociology, Indiana University, US

Key collaborations with third parties

Research Institutions

Knight Lab, Cognitive Neuroscience Research Laboratory,
Berkeley University, US
Department of Comparative Literature, University of Bergen, NO
Department of Music, University of Jyväskylä, FI
Department of Philosophy, University of Montreal, CA
Department of Psychology, University of Wisconsin, US
Department of Philosophy, University of Manchester, UK
Faculty of Humanities, University of Oslo, NO
School of Psychology, Cardiff University, UK
Service de Neurologie, Université de Rennes, FR
Faculty of Psychology and Educational Sciences, KU Leuven, BE

Private and public sector

Firmenich
GfK Nürnberg, e.V.
Nantys, Bern
Fondation Montreux Jazz 2
Musée International de la Croix-Rouge et du Croissant-Rouge, Genève
Haute Ecole de Musique de Genève
Muséum d'histoire naturelle de Neuchâtel
Musée de l'Elysée, Lausanne
Théâtre du Grütli, Genève
Swissnex San Francisco et Swissnex Boston

Funding

Funding Source (CHF)	Total Phase 1	Total Phase 2	Total Phase 3	2013	2014	2015	2016	Phase 3 %
	2005 - 2008	2009 - 2012	2013 - 2016					
SNSF-funding ¹	10'000'000	11'112'028	7'035'721	1'910'435	1'909'956	1'715'330	1'500'000	21
Self-funding from Home Institution ²	1'947'438	5'590'216	7'058'906	2'118'712	1'494'206	1'709'059	1'736'929	21
Self-funding from project participants	10'804'550	14'674'813	16'327'774	4'658'226	3'964'091	3'509'040	4'196'417	49
3rd party-funding	1'042'448	4'430'715	2'875'438	871'627	1'341'850	661'961	0	9
Total	23'794'436	35'807'772	33'297'839	9'559'000	8'710'103	7'595'390	7'433'346	100

¹ SNSF Funding incl. funding of transfer projects (strong Swiss franc package) in 2012 and mobility grant in 2013, 2014, 2015

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

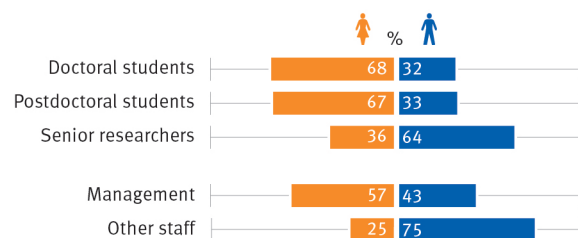
Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				FR	DE	IT	BE	ES	
Doctoral students	53	68	24	10	2	2	0	1	15
Postdoctoral students	30	67	5	5	0	4	2	2	12
Senior researchers ⁴	39	36	15	11	5	1	3	1	4
Management ⁵	6.29	57	7	2	0	2	0	1	2
Other staff	20	25	9	6	2	1	2	0	0
Total	148.29	53	60	34	9	10	7	5	33

³ Persons involved in the NCCR in the last reporting period (12 months)

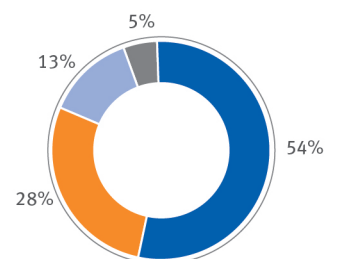
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

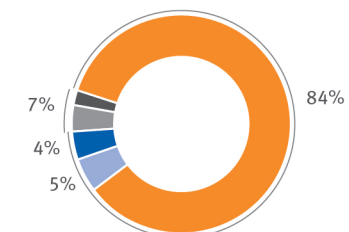


Training state of doctoral students



in progress	39
completed	76
continuation outside NCCR	18
dropout	7
Total	140

Next employer of doctoral and postdoctoral students



Academic sector	249
Private sector	15
Public sector	11
Other	13
None/not known	7
Total	295

NCCR Bio-Inspired Materials

Using Concepts from Nature to Create "Smart" Materials



NCCR Director: Prof. Christoph Weder
Home Institution: University of Fribourg
Start date: 1st of June 2014 (4th NCCR series)

Heads of Research Groups

Prof. Michal Borkovec	Section de Chimie et Biochimie, Université de Genève
Prof. Carole Bourquin	Section Sciences Pharmaceutiques, Université de Genève
Prof. Joseph Brader	Physikdepartement, Universität Freiburg
Prof. Nico Bruns	Adolphe Merkle Institute, Faculty of Science, Universität Freiburg
Prof. Alke Fink	Adolphe Merkle Institute, Faculty of Science, Universität Freiburg
Prof. Katharina Fromm	Departement Chemie, Universität Freiburg
Prof. Andreas Kilbinger	Departement Chemie, Universität Freiburg
Prof. Marco Lattuada	Departement Chemie, Universität Freiburg
Prof. Michael Mayer	Adolphe Merkle Institute, Faculty of Science, Universität Freiburg
Prof. Barbara Rothen-Rutishauser	Adolphe Merkle Institute, Faculty of Science, Universität Freiburg
Prof. Curzio Rüegg	Departement für Medizin, Universität Freiburg
Prof. Frank Scheffold	Physikdepartement, Universität Freiburg
Prof. Ullrich Steiner	Adolphe Merkle Institute, Faculty of Science, Universität Freiburg
Prof. Francesco Stellacci	Institut de Science et Génie des Matériaux, EPFL
Prof. André Studart	Departement Materialwissenschaft, ETH Zurich
Prof. Christoph Weder	Adolphe Merkle Institute, Faculty of Science, Universität Freiburg

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

40 Publications

37 Peer-reviewed articles **1 Book**

2 Not peer-reviewed articles

150 Presentations at congresses

53 Cooperations

12 Private sector **35 Research institutions**

3 Programmes **3 Others**

2 Transfer activities

1 Patent **1 CTI-project**

Management/Coordination

Dr. Ana Cordeiro
NCCR Bio-Inspired Materials
Adolphe Merkle Institute
Université de Fribourg
Chemin des Verdiers 4
CH-1700 Fribourg
+41 26 300 91 72
www.bioinspired-materials.ch

Participating Institutions

Universität Freiburg (12 groups)/Université de Genève (2 groups)/EPFL (1 group)
ETH Zürich (1 group)

Members of the Review Panel

Prof. Anna Fontcuberta i Morral (Chair), SNF, Bern, CH
Prof. Joanna Aizenberg, Harvard School of Engineering and Applied Sciences, US
Prof. Hans-Jürgen Butt, Physik der Grenzflächen, Max-Planck-Institut für Polymerforschung, DE
Prof. Stephen Craig, Department of Chemistry, Duke University, US
Prof. Kenneth A. Dawson, School of Chemistry and Chemical Biology, University College Dublin, IE
Prof. Eva Marie Harth, Department of Chemistry, Vanderbilt University, US
Prof. Phillip B. Messersmith, Departments of Bioengineering and Materials Science and Engineering, University of California, Berkeley, US
Prof. Meital Rechtes, Institute of Chemistry, The Hebrew University of Jerusalem, IL
Prof. Jan Carmeliet, SNF, Bern, CH
Dr. Marc Böhner, SNF, Bern, CH

Key collaborations with third parties

Academia

Case Western Reserve University, Cleveland (OH), US
University of Basel, CH
University of Bayreuth, DE
Bulgarian Academy of Sciences, BG
University of California, Irvine, US
University of California, Los Angeles, US
Philipps Universität Marburg, DE
University of Bordeaux, FR
Zurich University of Applied Sciences, CH
University of Cambridge, UK
Albert-Ludwigs-Universität Freiburg, DE
Université de Strasbourg, FR
Erasmus University Medical Center, NL

Private and public sector

BASF Schweiz AG, CH
Artimelt AG, CH
Firmenich SA, CH
Ivoclar Vivadent AG, LI
LS Instruments AG, CH
regenHU Ltd., CH

Funding

Funding Source (CHF)	Total Phase 1 2014 - 2017	2014	2015	2016	2017	Phase 1 %
SNSF-funding	12'000'000	3'000'000	3'000'000	3'000'000	3'000'000	44
Self-funding from Home Institution ¹	7'332'182	1'234'501	1'003'572	2'724'847	2'369'262	27
Self-funding from project participants	6'994'459	1'728'344	1'871'339	1'697'393	1'697'383	26
3rd party-funding	822'498	533'648	58'850	110'000	120'000	3
Total	27'149'139	6'496'493	5'933'761	7'532'240	7'186'645	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

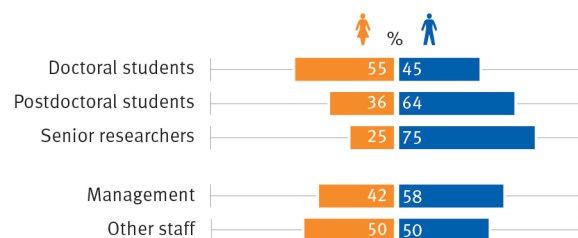
Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	IT	FR	IR	US	
Doctoral students	42	55	11	8	4	4	3	3	10
Postdoctoral students	22	36	1	4	3	2	2	1	10
Senior researchers ³	24	25	7	7	3	3	0	0	6
Management ⁴	4.48	42	6	4	1	0	0	1	3
Other staff	10	50	9	0	0	1	0	0	0
Total	102.48	43	34	23	11	10	5	5	29

² Persons involved in the NCCR in the last reporting period (12 months)

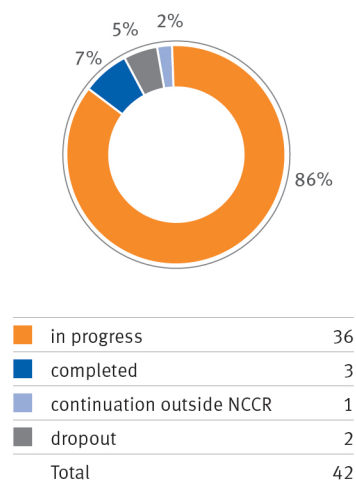
³ Including leaders of the individual projects and other organisational units of the NCCR

⁴ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

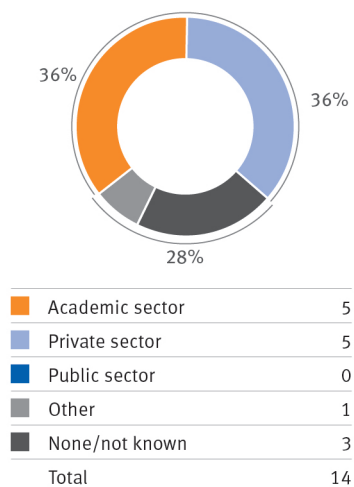
Gender in the NCCR



Training state of doctoral students



Next employer of doctoral and postdoctoral students



NCCR Chemical Biology

Visualisation and Control of Biological Processes Using Chemistry



NCCR Director: Prof. Howard Riezmann, NCCR Co-Director: Prof. Christian Heinis
Home Institutions: University of Geneva, EPFL
Start date: 1st of December 2010 (3rd NCCR series)

Heads of Research Groups

Prof. Alexander Adibekian	Département de Chimie Organique, Université de Genève
Prof. Nicolai Cramer	Institut des sciences et ingénierie chimiques, ISIC, EPFL
Prof. Elena Dubikovskaya	Institut des sciences et ingénierie chimiques, ISIC, EPFL
Prof. Beat Fierz	Institut des sciences et ingénierie chimiques, ISIC, EPFL
Prof. Pierre Gönczy	Institut suisse de recherche expérimentale sur le cancer (ISREC), EPFL
Prof. Marcos Gonzalez Gaitan	Département de Biochimie, Université de Genève
Prof. Monica Gotta	Faculté de Médecine, Université de Genève
Prof. Jean Gruenberg	Département de Biochimie, Université de Genève
Prof. Oliver Hantschel	Institut suisse de recherche expérimentale sur le cancer (ISREC), EPFL
Prof. Christian Heinis	Institut des sciences et ingénierie chimiques, ISIC, EPFL
Prof. Kai Johnsson	Institut des sciences et ingénierie chimiques, ISIC, EPFL
Prof. Marko Kaksonen	Département de Biochimie, Université de Genève
Prof. Karten Kruse	Département de Biochimie & Département de Physique Théorique appliquée à la Biologie, Université de Genève
Prof. Robbie Loewith	Département de Biologie Moléculaire, Université de Genève
Prof. Suliana Manley	Institut de physique des systèmes biologiques, EPFL
Prof. Stefan Matile	Département de Chimie Organique, Université de Genève
Prof. Howard Riezman	Département de Biochimie, Université de Genève
Prof. Aurélien Roux	Département de Biochimie, Université de Genève
Prof. Kaori Sugihara	Département de Chimie Physique, Université de Genève
Dr. Gerardo Turcatti	Plateformes technologiques SV, EPFL
Prof. Gisou van der Goot	Institut de recherche en infectiologie EPFL
Prof. Jérôme Waser	Institut de recherche en infectiologie EPFL
Prof. Nicolas Winssinger	Département de Chimie Organique, Université de Genève
Prof. Andreas Zumbühl	Département de Chimie, Université de Fribourg

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

385 Publications

343 Peer-reviewed articles **14 Not peer-reviewed articles**
3 Reports
16 Books **9 Anthology articles**

520 Presentations at congresses

25 Cooperations

5 Private sector **20 Research institutions**

32 Transfer activities

11 Patents **6 Licences**
7 CTI-projects **8 Start-ups**

Management/Coordination

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Sciences II, sale 146
30 quai Ernest Ansermet
CH-1211 Genève 4
+41 22 379 64 07
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Participating Institutions

Université de Fribourg (1 group)/Université de Genève (12 groups)/EPFL (11 groups)

Members of the Review Panel

Prof. Andreas Meyer (Chair), SNF, Bern, CH
Prof. Pieter Cullis, Department of Biochemistry, Life Sciences Center, CA
Dr. Jan Ellenberg, EMBL Heidelberg, DE
Dr. Walter Fischli, Actelion Pharma Schweiz AG, CH
Prof. Katharina Fromm, SNF, Bern, CH
Prof. Tom Kirchhausen, Harvard Medical School, Boston, US
Prof. Tom W. Muir, Department of Chemistry, Princeton, US
Prof. Suzanne Pfeffer, Stanford University School of Medicine, US
Prof. Carsten Schultz, EMBL Heidelberg, DE
Prof. Bernard Thorens, SNF, Bern, CH
Prof. Dirk Trauner, New York University, US

Key collaborations with third parties

Research Institutions

Chemical Biology Department, Chalmers University of Technology, Gothenburg, SE
Curie Institute Orsay, FR
Department of Biology, Technische Universität Darmstadt, DE
Departamento de Genética, University of Sevilla, ES
Department of Medical Biochemistry & Biophysics Stockholm, SE
Department of Chemistry, University of Pittsburgh, Pennsylvania, US
Department of Molecular Genetics, Weizmann Institute for Science, IL
Department of Pharmacology, Merton College, Oxford, UK
High-Throughput and spectroscopy Resource Center, Rockefeller University, New York, US
Institut Jacques Monod, Paris, FR
Institute of Molecular Systems Biology, ETHZ, CH
Laboratory of Chemistry and Cell Biology, Rockefeller University, New York, US
NCCR MSE, Basel, CH
Laboratory of Computational Systems Botechnology LCSB, EPFL, CH
Novartis Institute of Biomedical Research, US
University of California-Irvine, California, US
SystemsX, EPFL, CH
Private and public sector
Aspira Scientific, Milpitas, California, US
Geneva Business School, Geneva, CH
Networks, New York, US
Swiss Integrative Center for Human Health (SICHH), Fribourg, CH
School of Management, Fribourg, CH
TCI Europe N.V., Zwijndrecht, BE

Funding

Funding Source (CHF)	Total Phase 1 2010 - 2013	Total Phase 2 2014 - 2017	2014	2015	2016	2017	Phase 2 %
SNSF-funding ¹	13'520'000	14'676'706	4'206'706	4'150'000	3'660'000	2'660'000	43
Self-funding from Home Institutions ²	13'145'250	15'400'527	3'642'374	4'692'395	3'787'785	3'277'973	45
Self-funding from project participants	3'631'371	3'979'858	1'269'330	1'500'528	605'000	605'000	12
3rd party-funding	130'596	18'390	18'390	0	0	0	0
Total	30'427'217	34'075'481	9'136'800	10'342'923	8'052'785	6'542'973	100

1 incl. funding of transfer projects (strong Swiss franc package) in 2012 and compensation for PhD salaries increase in 2014

2 Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				FR	DE	ES	IT	CN	
Research associates ³	18	28	3	8	1	2	2	0	2
Doctoral students	43	33	8	4	5	3	5	1	18
Postdoctoral students	32	44	1	3	6	6	2	3	11
Senior researchers ⁴	29	21	9	2	5	1	1	1	10
Management ⁵	3.93	50	4	1	1	0	1	0	4
Other staff	9	78	7	1	0	0	1	0	0
Total	134.93	35	32	19	18	12	12	5	45

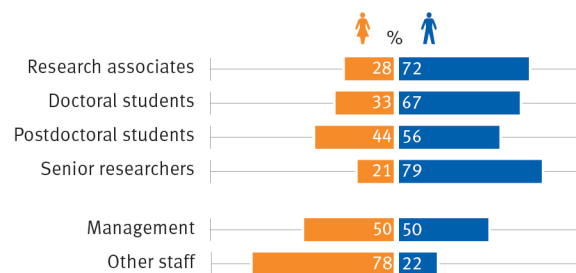
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

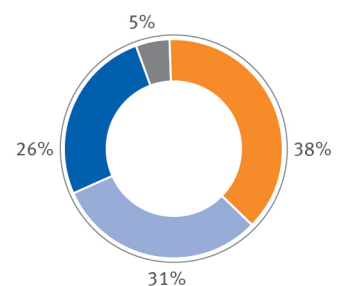
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

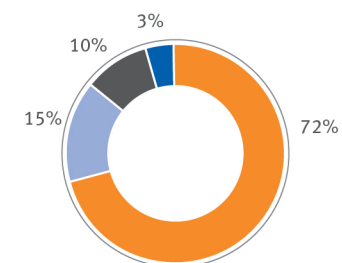


Training state of doctoral students



in progress	30
completed	21
continuation outside NCCR	25
dropout	4
Total	80

Next employer of doctoral and postdoctoral students



Academic sector	81
Private sector	17
Public sector	4
Other	0
None/not known	11
Total	113

NCCR Democracy

Challenges to Democracy in the 21st Century



NCCR Director: Prof. Daniel Kübler
Home Institution: University of Zurich
Start date: 1st of October 2005 (2nd NCCR series)

Heads of Research Groups

Prof. André Bächtiger	Institut für Sozialwissenschaften, Universität Stuttgart
Dr. Laurent Bernhard	Institut für Politikwissenschaft, Universität Zürich
Prof. Thomas Bernauer	Center for Comparative and International Studies (CIS), ETH Zürich
Prof. Daniel Bochsler	Zentrum für Demokratie Aarau (ZDA), Universität Zürich
Prof. Daniele Caramani	Institut für Politikwissenschaft, Universität Zürich
Prof. Francis Cheneval	Philosophisches Seminar, Universität Zürich
Prof. Scott Desposato	Department of Political Science, UC San Diego
Prof. Frank Esser	Institut für Publizistikwissenschaft und Medienforschung, Universität Zürich
Prof. Tina Freyburg	School of Economics & Political Science, Universität St. Gallen
Prof. Fabrizio Gilardi	Institut für Politikwissenschaft, Universität Zürich
Prof. Katharina Kleinen-von Königslöw	Institut für Journalistik/Kommunikationswissenschaften, Universität Hamburg
Prof. Vally Koubi	Volkswirtschaftliches Institut, Universität Bern
Prof. Daniel Kübler	Zentrum für Demokratie Aarau ZDA, Universität Zürich
Prof. Sandra Lavenex	Global Studies Institute, Université de Genève
Prof. Martino Maggetti	Institut d'Etudes Politiques et Internationales, Université de Lausanne
Prof. Frank Marcinkowski	Institut für Kommunikationswissenschaft, Universität Münster
Prof. Wolfgang Merkel	Wissenschaftszentrum Berlin für Sozialforschung
Prof. Ioannis Papadopoulos	Institut d'Etudes Politiques et Internationales, Université de Lausanne
Prof. Christian Schemer	Institut für Publizistik, Universität Mainz
Prof. Frank Schimmelfennig	Center for Comparative and International Studies (CIS), ETH Zürich
Dr. Gerold Schneider	Institut für Computerlinguistik, Universität Zürich
Prof. Marco Steenbergen	Institut für Politikwissenschaft (IPZ), Universität Zürich
Prof. Werner Wirth	Institut für Publizistikwissenschaft und Medienforschung (IPMZ), Universität Zürich
Dr. Bruno Wüest	Institut für Politikwissenschaft, Universität Zürich

Overview of all Research Projects

Output Data

Knowledge and technology transfer

670 Publications

262 Peer-reviewed articles 71 Not peer-reviewed articles
59 Books

53 Reports 225 Anthology articles

802 Presentations at congresses

26 Cooperations

1 Private sector 20 Research institutions

4 Programmes 1 Other

2 Transfer activities

1 Start-Up 1 CTI-project

Management/Coordination

Yvonne Rosteck
NCCR Democracy
Universität Zürich
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CH-8050 Zürich
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www.nccr-democracy.ch

Participating Institutions

Universität Bern (1 group)/University of California San Diego (1 group)/Université de Genève (1 group)
 Universität Hamburg (1 group)/Université de Lausanne (2 groups) /Universität Mainz (1 group)/
 Universität St. Gallen (1 group)/Universität Stuttgart (1 group) /Universität Zürich (11 groups)/
 Westfälische Wilhelms-Universität Münster (1 group)/ETH Zürich (2 groups)/Wissenschaftszentrum
 Berlin für Sozialforschung WZB (1 group)

Members of the Review Panel

Prof. Frédéric Varone (Chair), SNF, Bern, CH
 Prof. Arthur Benz, Institut für Politikwissenschaft, Technische Universität Darmstadt, DE
 Prof. Uschi Backes-Gellner, SNF, Bern, CH
 Prof. Robert Entman, School of Media and Public Affairs, The George Washington University, US
 Prof. Gianpietro Mazzoleni, Dipartimento di Scienze Sociali e Politiche,
 Università degli Studi di Milano, IT
 Prof. Chris Skelcher, Institute of Local Government Studies, University of Birmingham, UK
 Prof. Stefaan Walgrave, Departement Politieke Wetenschappen, Universiteit Antwerpen, BE
 Prof. Christian Welzel, Center for the Study of Democracy, Leuphana University, Lüneburg, DE
 Prof. Eric Widmer, SNF, Bern, CH

Key collaborations with third parties

Academia

Centre de compétences suisse en sciences sociales –
 FORS, Université de Lausanne, CH
 Centre for Deliberative Democracy, Australian National University, AU
 Center for Politics and Communication, University of Amsterdam, NL
 Centre for Social Sciences, Tbilisi, GE
 Centre for Studies in Democratization, University of Warwick, UK
 COST Action IS1308 «Populist Political Communication in Europe:
 Comprehending the Challenge of Mediated Political Populism for
 Democratic Politics”
 DEMICOM, Mid Sweden University, SE
 Democratic anchorage of governance networks (Demanc)
 Department of Communication, University of Vienna, AT
 Department of Political Science, University of Stockholm, SE
 Department of Political Science and International Relations,
 Khazar University, AZ
 Department of Public Administration, University of Leiden, NL
 Department of Sociology, University of Geneva, CH
 Faculty of Political Science and Journalism, University of Pozen, PL
 Faculty of Social Sciences, Goethe University Frankfurt, DE
 Graduate School, Chinese Academy of Social Sciences, Beijing, CN
 Greenle School of Journalism and Communication,
 Iowa State University, US
 Institut für Sozialwissenschaften, Humboldt-Universität Berlin, DE
 International Metropolitan Observatory-Programme (IMO)
 Research Network "External Democracy Promotion" (EDP)
Private and public sector
 Bertelsmann Transformation Index, Bertelsmann Stiftung, Gütersloh, DE
 Schweizer Jugend forscht (Swiss Youth in Science), CH

Funding

Funding Source (CHF)	Total Phase 1 2005 – 2008	Total Phase 2 2009 – 2012	Total Phase 3 2013 – 2016	2013	2014	2015	2016	Phase 3 %
SNSF-funding	7'100'000	7'500'000	5'250'000	1'350'000	1'300'000	1'300'000	1'300'000	44
Self-funding from Home Institution ¹	3'279'922	3'624'131	3'156'699	658'431	784'627	954'228	759'413	27
Self-funding from project participants	4'143'681	5'923'382	3'018'518	924'856	769'050	747'587	577'025	25
3rd party-funding	974'579	264'684	461'364	233'212	120'623	33'499	74'030	4
Total	15'498'183	17'312'196	11'886'581	3'166'499	2'974'300	3'035'314	2'710'468	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	US	GR	CA	ES	
Research associates ³	4	25	1	2	0	0	0	0	1
Doctoral students	14	43	6	4	0	0	0	1	3
Postdoctoral students	7	29	3	4	0	0	0	0	0
Senior researchers ⁴	28	21	13	11	2	2	1	0	3
Management ⁵	3.5	50	5	3	0	0	0	0	0
Other staff	11	64	8	2	1	0	0	0	0
Total	67.5	36	36	26	3	2	1	1	7

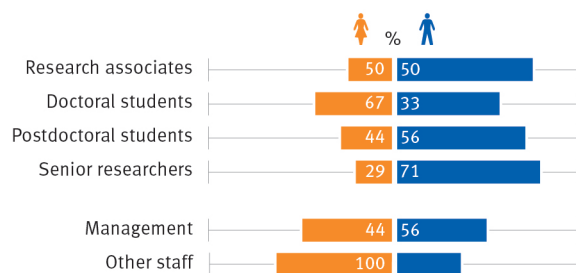
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

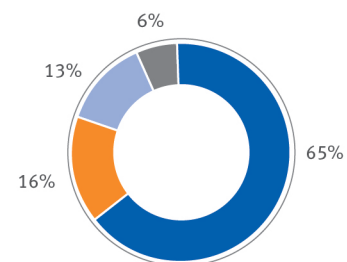
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

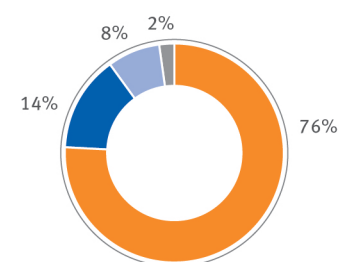


Training state of doctoral students



in progress	11
completed	44
continuation outside NCCR	9
dropout	4
Total	68

Next employer of doctoral and postdoctoral students



Academic sector	49
Private sector	5
Public sector	9
Other	1
None/not known	0
Total	64

NCCR Digital Fabrication

Innovative Building Processes in Architecture



NCCR Director: Prof. Matthias Kohler
Home Institution: ETH Zurich
Start date: 1st of June 2014 (4th NCCR series)

Heads of Research Groups

Prof. Philippe Block	Departement Architektur, ETH Zürich
Prof. Jonas Buchli	Inst. f. Dynamische Systeme u. Reg. tech., ETH Zürich
Prof. Robert Flatt	Institut für Baustoffe, ETH Zürich
Prof. Matthias Kohler	Departement Architektur, ETH Zürich
Prof. Yves Weinand	Laboratoire de construction en bois, EPFL

[Overview of all Research Projects](#)

Participating Institutions

ETH Zürich (4 groups)/EPFL (1 group)

Output Data

Knowledge and technology transfer

25 Publications

19 Peer-reviewed articles 3 Not peer-reviewed articles

3 Books

42 Presentations at congresses

1 Transfer activities

1 Patent

Management/Coordination

Dr. Russell Loveridge
NCCR Digital Fabrication
ETH Zürich
HIB E 25 / Stefano-Francini-Platz 1
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 Prof. Anastasia Ailamaki (Co-Chair), SNF, Bern, CH
 Prof. Oliver Brock, Institut für Technische Informatik und Mikroelektronik, TU Berlin, DE
 Prof. Mark Burry, Melbourne School of Design, University of Melbourne, AU
 Prof. Rüdiger Dillmann Institut für Anthropomatik und Robotik, Karlsruhe Institut für Technologie, DE
 Prof. Gregor Engels, Institut für Informatik, Universität Paderborn, DE
 Prof. Stefanie Hellweg, SNF, Bern, CH
 Prof. Gerti Kappel, Institut für Softwaretechnik und Interaktive Systeme, TU Wien, AT
 Prof. Hanif Kara, Graduate School of Design, Harvard University, UK
 Prof. Wojciech Matusik, MIT CSAIL, US
 Prof. Oscar Nierstrasz, SNF, Bern, CH
 Prof. Mette Ramsgaard Thomsen, CITA, Det Kongelige Danske Kunstakademis Skoler, DK
 Prof. Petra von Both, Karlsruher Institut für Technologie KIT, Karlsruhe, DE

Key collaborations with third parties

Private and public sector

BAWO Befestigungstechnik AG
 ERNE AG Holzbau
 Gruschwitz GmbH Tech-Twists
 Krinner GmbH Schweiz
 Moog - Robotics & Autonomous Systems
 NOE Schalungstechnik GmbH
 Rotho Blaas GmbH
 SACAC AG
 Schilliger Holz AG
 Schlatter Industries AG
 SIKA Technology AG
 Stahl Gerlafingen AG
 Steiner AG
 Sulser AG

Funding

Funding Source (CHF)	Total Phase 1 2014 - 2017	2014	2015	2016	2017	Phase 1 %
SNSF-funding	13'400'000	2'800'000	3'500'000	3'700'000	3'400'000	55
Self-funding from Home Institution ¹	8'621'947	357'858	1'404'236	2'622'300	4'237'553	36
Self-funding from project participants	2'175'850	333'600	575'250	633'500	633'500	9
3rd party-funding	0	0	0	0	0	0
Total	24'197'797	3'491'458	5'479'486	6'955'800	8'271'053	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	AT	BE	RO	US	
Research associates ³	10	0	3	2	1	0	0	0	4
Doctoral students	25	48	3	3	2	1	3	2	11
Postdoctoral students	6	0	2	2	0	0	0	1	1
Senior researchers ⁴	18	11	8	3	1	2	0	0	4
Management ⁵	7.47	25	6	3	0	0	0	0	3
Other staff	3	0	3	0	0	0	0	0	0
Total	69.47	23	25	13	4	3	3	3	23

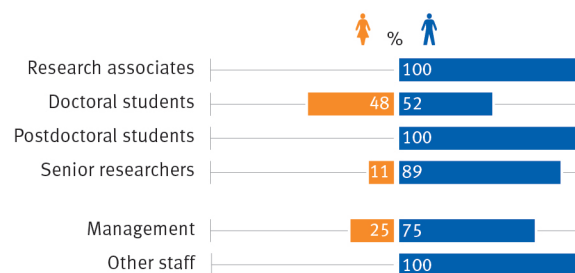
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

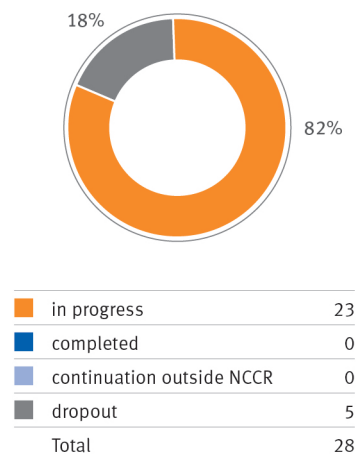
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

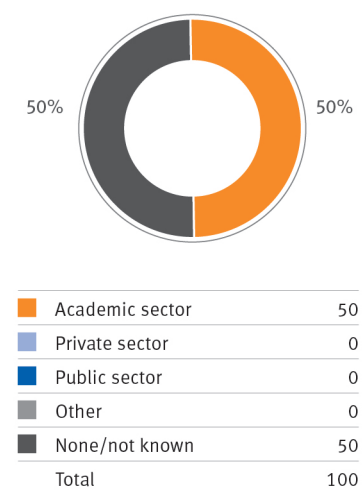
Gender in the NCCR



Training state of doctoral students



Next employer of doctoral and postdoctoral students



NCCR Iconic Criticism

The Power and Meaning of Images

NCCR Director: Prof. Ralph Ubl
Home Institution: University of Basel
Start date: 1st of October 2005 (2nd NCCR series)

Heads of Research Groups

Prof. Wolfgang Behr	Asien-Orient-Institut, Universität Zürich
Prof. Cornelia Bohn	Soziologisches Seminar, Universität Luzern
Prof. Nicolas Gess	Deutsches Seminar, Universität Basel
Prof. Michael Hagner	Professur für Wissenschaftsforschung, ETH Zürich
Prof. Markus Klammer	Schaulager-Professur für Kunsttheorie, Kunsthistorisches Seminar, Universität Basel
Prof. Antonio Loprieno	Ägyptologisches Seminar, Universität Basel
Prof. Barbara Schellewald	Kunsthistorisches Seminar, Universität Basel
Prof. Matthias Schmidt	Musikwissenschaftliches Seminar, Universität Basel
Prof. Ralph Ubl	Kunsthistorisches Seminar, Universität Basel
Prof. Philip Ursprung	Institut für Geschichte und Theorie der Architektur, ETH Zürich

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

2006 Publications

171 Peer-reviewed articles **2 Reports**
428 Not peer-reviewed articles
1078 Anthology articles **327 Books**
1292 Presentations at congresses
175 Cooperations
11 Private sector **149 Research institutions**
12 Programmes **3 Others**

Management/Coordination

Dr. Malika Maskarinec
eikones
NFS Bildkritik
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4051 Basel
+41 61 207 18 03
www.eikones.ch

Participating Institutions

Universität Basel (7 groups)/Universität Luzern (1 group)/Universität Zürich (1 group)
ETH Zürich (2 groups)/Schaulager Basel (2 groups)

Members of the Review Panel

Prof. Frédéric Varone (Chair), SNF, Bern, CH
Prof. Regina Elisabeth Aebi-Müller, SNF, Bern, CH
Prof. Danièle Cohn, UFR de philosophie, Université de Paris, FR
Prof. Dario Gamboni, SNF, Bern, CH
Prof. Ludwig Jäger, Institut für Sprach- und Kommunikationswissenschaften, RWTH Aachen, DE
Prof. Helmut Lethen, Internationales Forschungszentrum Kulturwissenschaften, Wien, AT
Prof. Anke te Heesen, Institut für Geschichtswissenschaften, Berlin, DE
Prof. Juliane Vogel, Fachbereich Literaturwissenschaften, Universität Konstanz, DE
Prof. Gerhard Wolf, Kunsthistorisches Institut in Florenz, IT

Key collaborations with third parties

Academia

Department of Art History, University of Chicago, US
Department of German, Princeton University, US
Department of Germanic Studies, University of Chicago, US
Exzellenzcluster "Bild, Wissen, Gestaltung. Ein interdisziplinäres Labor", Humboldt-University of Berlin, DE
History of Art Department, UC Berkeley, US
History of Art Department, University College London, UK
ICAM Lüneburg, Institut für Kultur und Ästhetik Digitaler Medien, DE
Institut für Kunstgeschichte, Universität Wien, AT
International Doctoral Program MIMESIS, LMU München, DE
Internationales Kolleg für Kulturtechnikforschung und Medienphilosophie, IKKM, Weimar, DE

Funding

Funding Source (CHF)	Total Phase 1 2005 – 2008	Total Phase 2 2009 – 2012	Total Phase 3 2013 – 2016	2013	2014	2015	2016	Phase 3 %
SNSF-funding	7'100'000	7'500'000	5'250'000	1'610'000	1'270'000	1'185'000	1'185'000	34
Self-funding from Home Institution ¹	3'543'597	4'477'200	4'266'764	1'517'086	851'298	893'380	1'005'000	27
Self-funding from project participants	4'337'978	4'360'054	4'036'921	1'015'554	726'367	620'000	1'675'000	26
3rd party-funding	894'667	1'073'134	1'981'692	473'806	300'678	587'208	620'000	13
Total	15'876'242	17'410'388	15'535'377	4'616'446	3'148'343	3'285'588	4'485'000	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	AT	US	IT	AU	
Research associates ³	1	100	0	1	0	0	0	0	0
Doctoral students	26	58	5	15	4	1	0	0	1
Postdoctoral students	10	70	1	6	3	0	0	1	0
Senior researchers ⁴	11	27	2	7	2	0	1	0	0
Management ⁵	5.26	44	10	4	2	1	1	0	0
Other staff	2	0	2	0	0	0	0	0	0
Total	55.26	49	20	33	11	2	2	1	1

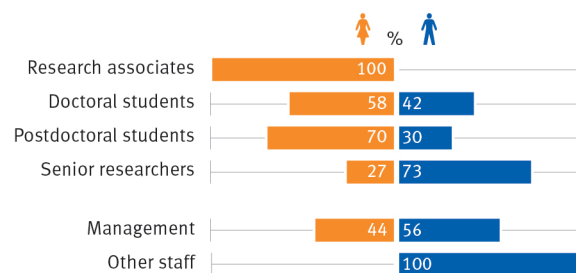
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

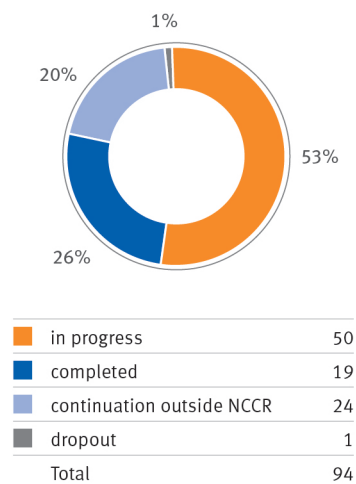
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

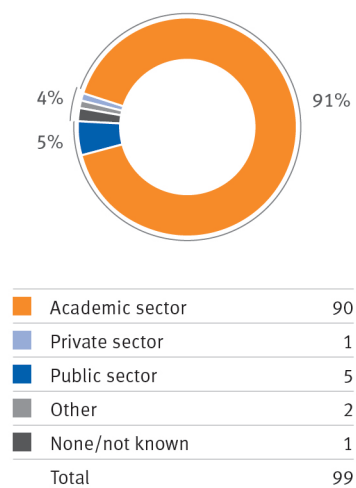
Gender in the NCCR



Training state of doctoral students



Next employer of doctoral and postdoctoral students



NCCR Trade Regulation

International Trade Regulation – From Fragmentation to Coherence

NCCR Director: Prof. Manfred Elsig
Home Institution: University of Bern
Start date: 1st of September 2005 (2nd NCCR series)

Heads of Research Groups

Prof. Thomas Bernauer	ETH Zürich, Zürich
Prof. Marius Brühlhart	HEC, Université de Lausanne
Dr. Mira Burri	Universität Luzern
Prof. Olivier Cadot	HEC, Université de Lausanne
Prof. Andreas Dür	Universität Salzburg
Prof. Manfred Elsig	c/o World Trade Institute, Bern
Prof. Joseph Francois	c/o World Trade Institute, Bern
Prof. Sandra Lavanex	Département de Science Politiques et Relations Internationales, Université de Genève
Dr. Anirudh Shingal	c/o World Trade Institute, Bern
Dr. Gabriele Spilker	Universität Salzburg

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

1066 Publications

303 Peer-reviewed articles **438 Not peer-reviewed articles**
129 Books **67 Reports** **129 Anthology articles**

622 Presentations at congresses

12 Cooperations

9 Research institutions **3 Others**

Management/Coordination

Sascha Finger
World Trade Institute
Universität Bern
Hallerstrasse 6
CH-3012 Bern
+41 31 631 30 81
www.nccr-trade.org

Participating Institutions

Universität Bern (5 groups)/Université de Genève (1 group)/Université de Lausanne (2 groups)/Universität Luzern (1 group)/Universität Salzburg (2 groups)/ETH Zürich (1 group)

Members of the Review Panel

Prof. Dominique Foray (Chair), SNF, Bern, CH
 Prof. Regina Elisabeth Aebi-Müller, SNF, Bern, CH
 Prof. Andrew Lang, London School of Economics and Political Science, UK
 Prof. Keith E. Maskus, Department of Economics, University of Colorado at Boulder, US
 Prof. John S. Odell, School of International Relations, University of Southern California, US
 Dr. Roberta Piermartini, Organisation Mondiale du Commerce (WTO), Genève, CH
 Prof. Gregory Shaffer, School of Law, University of California at Berkeley, US
 Prof. Debra Steger, Faculty of Law, University of Ottawa, CA
 Prof. Christian Tietje, Institut für Wirtschaftsrecht, Universität Halle Wittenberg, DE
 Prof. Geertrui van Overwalle, Faculteit Rechtsgeleedheid, KU Leuven, NL

Key collaborations with third parties

Academia

Centre for Development and Environment, University of Bern, CH
 Institut für Europa- und Wirtschaftsvölkerrecht, University of Bern, CH
 Institute of International Economic Law, Georgetown University, US
 International Research Institute for Climate and Society, Columbia University, US
 Oxford Institute for Energy Studies, University of Oxford, UK
 Department of Political Science and Sociology, Salzburg University, AT
 Pluricourts, University of Oslo, NO
 Robert Schuman Centre for Advanced Studies, European University Institute, IT
 Department of Political Science, McGill University, CA
 Department of Government and Politics, University of Maryland, US
 Faculty of Law, University of Ottawa, CA

Private and public sector

International Center for Trade and Sustainable Development, Geneva, CH
 State Secretariat for Economic Affairs, Bern, CH
 Swiss Federal Institute of Intellectual Property, CH
 UNCTAD, Geneva, CH
 World Bank, Washington D.C., US
 World Trade Organization, Geneva, CH
 Deutsches Institut für Entwicklungspolitik, DE

Funding

Funding Source (CHF)	Total Phase 1	Total Phase 2	Total Phase 3	2013	2014	2015	2016	Phase 3 %
	2005 – 2008	2009 – 2012	2013 – 2016					
SNSF-funding ¹	10'400'000	9'380'000	6'597'480	2'308'100	2'100'000	1'323'380	866'000	58
Self-funding from Home Institution ²	1'184'975	2'840'568	3'988'345	1'005'870	912'622	1'034'927	1'034'926	35
Self-funding from project participants	1'739'000	442'041	720'465	430'642	249'565	40'258	0	6
3rd party-funding	728'256	266'504	10'496	0	0	10'496	0	1
Total	14'052'231	12'929'113	11'316'786	3'744'612	3'262'187	2'409'061	1'900'926	100

¹ incl. mobility-grant in 2013 and 2015

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	AT	CA	FR	GB	
Research associates ⁴	3	33	0	1	0	0	0	0	2
Doctoral students	4	50	2	0	0	0	0	0	2
Postdoctoral students	6	57	1	1	1	0	0	0	3
Senior researchers ⁵	13	31	7	0	1	1	1	0	5
Management ⁶	5.47	79	8	1	0	1	0	2	2
Other staff	3	33	0	0	0	0	1	0	2
Total	34.47	53	18	3	2	2	2	2	16

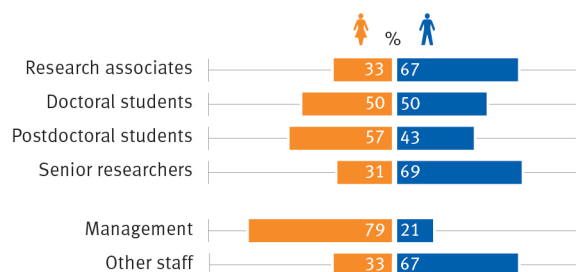
³ Persons involved in the NCCR in the last reporting period (12 months)

⁴ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

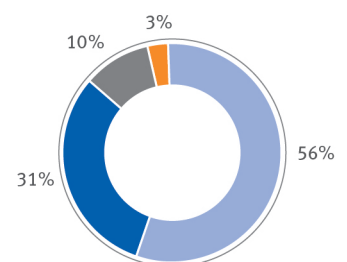
⁵ Including leaders of the individual projects and other organisational units of the NCCR

⁶ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

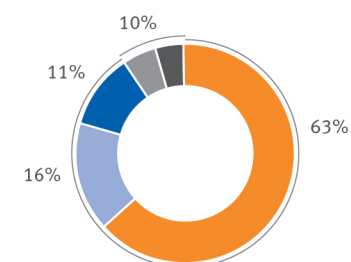


Training state of doctoral students



in progress	2
completed	19
continuation outside NCCR	34
dropout	6
Total	61

Next employer of doctoral and postdoctoral students



Academic sector	46
Private sector	12
Public sector	8
Other	4
None/not known	3
Total	73

NCCR Kidney.CH

Kidney Control of Homeostasis



NCCR Director: Prof. François Verrey
Home Institution: University of Zurich
Start date: 1st of August 2010 (3rd NCCR series)

Heads of Research Groups

Prof. Murielle Bochud	Institut Universitaire de Médecine Sociale et Préventive, Université Lausanne
Prof. Olivier Bonny	Département de pharmacologie et de toxicologie, Université Lausanne
Prof. Olivier Devuyst	Physiologisches Institut, Universität Zürich
Prof. Sophie De Seigneux	Département Physiologie cellulaire et métabolisme, Université de Genève
Prof. Eric Feraille	Département Physiologie cellulaire et métabolisme, Université de Genève
Prof. Andrew Hall	Anatomisches Institut, Universität Zürich
Prof. Edith Hummler	Département de Pharmacologie et Toxicologie, Université de Lausanne
Prof. Uyen Huynh-Do	Departement Nephrologie / Hypertonie, Universitätsspital Bern
Prof. Reto Krapf	Klinik St. Anna, Luzern
Prof. Vartan Kurtcuoglu	Physiologisches Institut, Universität Zürich
Dr. Andreas Pasch	University Institute of Clinical Chemistry, Center of Laboratory Medicine, Universitätsspital Bern
Prof. Johannes Loffing	Anatomisches Institut, Universität Zürich
Prof. Jean-Pierre Montani	Département de Médecine / Physiologie, Université de Fribourg
Prof. Alex Odermatt	Pharmazentrum, Universität Basel
Prof. Olivier Staub	Département de Pharmacologie et Toxicologie, Université de Lausanne
Prof. François Verrey	Physiologisches Institut, Universität Zürich
Prof. Carsten Wagner	Physiologisches Institut, Universität Zürich
Prof. Roland Wenger	Physiologisches Institut, Universität Zürich
Prof. Zhihong Yang	Département de Médecine / Physiologie, Université de Fribourg

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

292 Publications

270 Peer-reviewed articles **15 Not peer-reviewed articles**
3 Anthology articles **4 Books**

167 Presentations at congresses

93 Cooperations

11 Private sector **81 Research institutions**
1 Programme

2 Transfer activities

1 Start-Up **1 CTI-project**

Management/Coordination

Dr. Jens Selige
Scientific Project Manager
Universität Zürich
Physiologisches Institut
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CH-8057 Zürich
+41 44 635 59 68
www.nccr-kidney.ch

Participating Institutions

Universität Basel (Pharmazentrum) (1 group)/Université de Fribourg (2 groups)
 Université de Genève (2 groups)/Université de Lausanne (4 groups)
 Universität Zürich (7 groups)/Universitätsspital Bern (2 groups)
 Klinik St. Anna Luzern (1 group)

Members of the Review Panel

Prof. Nicolas Rodondi (Chair), SNF, Bern, CH
 Prof. Robert Alpern, Yale School of Medicine, US
 Prof. Kai-Uwe Eckardt, Nephrologie und Hypertensiologie, Universitätsklinikum Erlangen, DE
 Prof. Michael O. Hottiger, SNF, Bern, CH
 Prof. Armin Kurtz, Institut für Physiologie, Universität Regensburg, DE
 Prof. Alicia A. McDonough, Keck School of Medicine of USC, US
 Prof. Orson W. Moe, Medical Center at Dallas, University of Texas Southwestern, US
 Prof. David Pearce, Medicine and Cellular and Molecular Pharmacology, University of California, US
 Prof. Jonathan Seckl, Center Cardiovascular Science, The Queen's Medical Research Institute, UK
 Prof. Markus Stoffel, SNF, Bern, CH
 Prof. Fabiola Terzi, INSERM, Université de Paris, FR

Key collaborations with third parties

Academia

Department of Physiology and Pharmacology, University of Salamanca, ES
 Dept. of Physiology, University College London, UK
 Division of Osteoporosis, University of Bern, CH
 Human Genetics Unit, Medical Research Council, Edinburgh, UK
 Institute of molecular bioscience, University of Tokyo, JP
 Institute of Physiology, Universität Tuebingen, DE
 Institute of Veterinary Physiology, University of Zurich, CH
 Internal Medicine, National Center of Integrative Biomedical Informatics, Ann Arbor, US
 Internal medicine, CHUV - Centre Hospitalier Universitaire Vaudois, Lausanne, CH
 Mineral metabolism clinic, Ut Southwestern Medical Centre, Dallas, US
 NHLBI, Framingham Hear Study, US
 Oncology - Medical Imaging, University Hospital Zurich, CH

Private and public sector

Insphero AG, Zurich, CH
 Novartis, Basel, CH
 Calciscon AG, Bern, CH

Funding

Funding Source (CHF)	Total Phase 1 2010 - 2013	Total Phase 2 2014 - 2017	2014	2015	2016	2017	Phase 2 %
SNSF-funding ¹	16'530'000	16'546'915	4'518'915	4'402'000	4'402'000	3'224'000	73
Self-funding from Home Institution ²	2'168'316	4'558'037	1'133'042	1'494'701	1'227'000	703'294	20
Self-funding from project participants	5'271'515	1'696'706	981'759	714'947	0	0	7
3rd party-funding	146'955	2	2	0	0	0	0
Total	24'116'785	22'801'660	6'633'718	6'611'648	5'629'000	3'927'294	100

¹ incl. compensation for PhD salaries increase

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	FR	IT	GB	IN	
Research associates ⁴	6	50	2	1	1	0	0	1	1
Doctoral students	15	67	4	2	2	4	0	0	3
Postdoctoral students	16	44	2	2	2	0	2	1	7
Senior researchers ⁵	31	29	15	4	2	1	2	0	7
Management ⁶	3.37	44	4	3	1	0	0	0	1
Other staff	6	100	3	2	0	0	0	1	0
Total	77.37	47	30	14	8	5	4	3	19

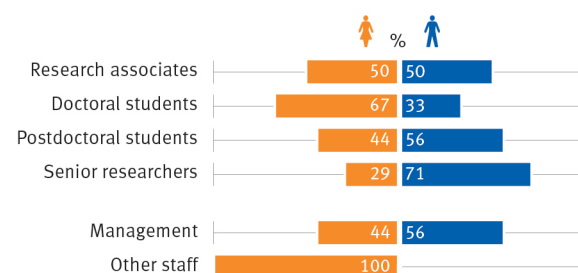
³ Persons involved in the NCCR in the last reporting period (12 months)

⁴ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

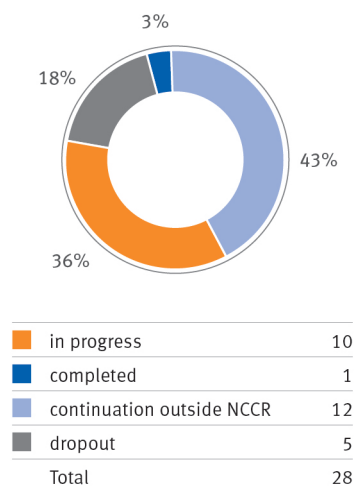
⁵ Including leaders of the individual projects and other organisational units of the NCCR

⁶ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

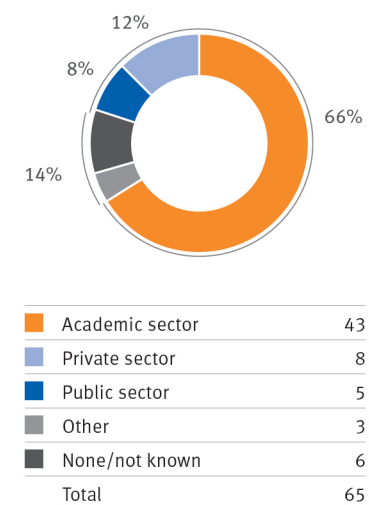
Gender in the NCCR



Training state of doctoral students



Next employer of doctoral and postdoctoral students



NCCR LIVES

Overcoming vulnerability: life course perspectives



NCCR Director: Prof. Dario Spini, NCCR Co-Director: Prof. Eric Widmer
Home Institutions: University of Lausanne, University of Geneva
Start date: 1st of January 2011 (3rd NCCR series)

Heads of Research Groups

Prof. André Berchtold	Centre de recherche sur les parcours de vie et les inégalités, Université de Lausanne
Prof. Laura Bernardi	Centre de recherche sur les parcours de vie et les inégalités, Université de Lausanne
Prof. Jean-François Bickel	Haute école de travail social de Fribourg, Haute école spécialisée de Suisse occidentale
Prof. Giuliano Bonoli	Institut de hautes études en administration publique, Université de Lausanne
Prof. Jean-Michel Bonvin	Institut de socio-économie, Université de Genève
Prof. Felix Bühlmann	Centre de recherche sur les parcours de vie et les inégalités, Université de Lausanne
Prof. Eric Davoine	Chaire Ressources Humaines et Organisation, Université de Fribourg
Prof. Jörg Dittmann	Hochschule für Soziale Arbeit, Fachhochschule Nordwestschweiz
Prof. Alexandra Freund	Psychologisches Institut, Universität Zürich
Prof. Paolo Ghisletta	Faculté de psychologie et des sciences de l'Éducation, Université de Genève
Prof. Daniela Jopp	Institut de psychologie, Université de Lausanne
Prof. Dominique Joye	Centre de recherche sur les parcours de vie et les inégalités, Université de Lausanne
Prof. Matthias Kliegel	Laboratoire du Vieillissement Cognitif, Université de Genève
Prof. Rafael Lalive	Département d'économétrie et d'économie politique, Université de Lausanne
Prof. Nicky Le Feuvre	Laboratoire de sociologie, Université de Lausanne
Prof. Daniel Oesch	Centre de recherche sur les parcours de vie et les inégalités, Université de Lausanne
Prof. Michel Oris	Centre inter-facultaire de gérontologie et d'études des vulnérabilités, Université de Genève
Prof. Michele Pellizzari	Département des Sciences Économiques, Université de Genève
Prof. José Ramirez	Haute école de gestion de Genève, Haute école spécialisée de Suisse occidentale
Prof. Gilbert Ritschard	Institut d'études démographiques et du parcours de vie, Université de Genève
Prof. Jérôme Rossier	Laboratoire de psychologie du développement, conseil et Intervention, Université de Lausanne
Prof. Willibald Ruch	Psychologisches Institut, Universität Zürich

Output Data Knowledge and technology transfer

627 Publications

289 Peer-reviewed articles **83 Not peer-reviewed articles**
28 Reports
51 Books **176 Anthology articles**

981 Presentations at congresses

92 Cooperations

4 Private sector **58 Research institutions**
30 Others

Management/Coordination

Dr. Stéphane Guérard
Head of Scientific and Shared Services
NCCR LIVES
Université de Lausanne
Bâtiment Géopolis
CH-1015 Lausanne
+41 21 692 38 52
www.lives-nccr.ch

Prof. Dario Spini	Centre de recherche sur les parcours de vie et les inégalités, Université de Lausanne
Prof. Christian Staerklé	Laboratoire de psychologie sociale, Université de Lausanne
Prof. Jean-Pierre Tabin	Haute école de travail social et de la santé de Lausanne, Haute école spécialisée de Suisse occidentale
Prof. Boris Wernli	Fondation Suisse pour la recherche en Sciences Sociales, Université de Lausanne
Prof. Eric Widmer	Institut d'études démographiques et du parcours de vie, Université de Genève
Prof. Hansjörg Znoj	Institut für Psychologie, Universität Bern

[Overview of all Research Projects](#)

Participating Institutions

Universität Bern (2 groups)/Université de Fribourg (1 group)/Université de Lausanne (9 groups)
 Université de Genève (5 groups)/Universität Zürich (2 groups)/Haute école spécialisée de Suisse occidentale (2 groups)/Fachhochschule Nordwestschweiz (1 group)

Members of the Review Panel

Prof. Alexander Grob (Chair), SNF, Bern, CH
 Prof. Kenneth A. Bollen, Department of Sociology, University of North Carolina, US
 Prof. Alain Chenu Directeur de l'Observatoire sociologique du changement, Paris, FR
 Prof. Jutta Heckhausen, Department of Psychology and Social Behavior, University of California, Irvine, US
 Prof. François Héran, INED – Institut national d'études démographiques, Paris, FR
 Prof. Jörg Rössel, SNF, Bern, CH
 Prof. Ingrid Schoon, Department of Quantitative Social Science, Institute of Education, University of London UK
 Prof. Frédéric Varone, SNF, Bern, CH
 Prof. Joan Miquel Verd Pericàs, Departamento de Sociología, Univeristat Auònoma de Barcelona, ES

Funding

Funding Source (CHF)	Total Phase 1 2011 - 2014	Total Phase 2 2015 - 2018	2015	2016	2017	2018	Phase 2 %
SNSF-funding ¹	14'551'895	14'699'108	4'536'156	4'327'952	3'507'000	2'328'000	35
Self-funding from Home Institutions ²	5'636'219	14'135'618	3'279'265	3'124'194	3'848'307	3'883'852	34
Self-funding from project participants	13'721'239	12'713'898	3'230'016	3'055'788	3'279'647	3'148'447	30
3rd party-funding	5'440'407	519'347	168'901	135'580	114'866	100'000	1
Total	39'349'760	42'067'971	11'214'338	10'643'514	10'749'820	9'460'299	100

¹ incl. Mobility-grant in 2014 and 2015, compensation for PhD salaries increase in 2015 and 120% support-grant in 2015 and 2016

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Key collaborations with third parties

Academia

Institut National Etude Démographiques (INED), Paris, FR
 NCCR on the move, University of Neuchatel, CH
 Oregon State University, Center for Healthy Ageing Research and Hallie Ford Center for Healthy Children and Families, Corvallis, US
 Population Europe – Network of Europe's leading demographic research centres, Berlin, DE
 Umeå University, Ageing and Living Conditions Programme, SE
 University College London, International Centre for Lifecourse Studies in Society and Health, UK
 University of Bremen, Institut für Soziologie, Bremen, DE
 University of Oslo, Centre of Gender Research, Oslo, NO
 University of Western Ontario, Department of Sociology, London, CA
 Vrije Universiteit Amsterdam, Amsterdam, NL

Private and public sector

Centre de compétence suisse en sciences sociales (FORS), Lausanne, CH
 Centre for Economic Policy Research, London, GB
 Département de la santé et de l'action sociale du Canton de Vaud, Lausanne, CH
 Départements des affaires régionales, de l'économie et de la santé du Canton de Genève, CH
 Fondation Leenards, Lausanne, CH
 German Institute for Economic Research, Department of German Socio-Economic Panel Study, Berlin, DE
 Organisation for Economic Co-operation and Development, Paris, FR
 Federal Social Insurance Office (OFAS), Bern, CH
 Pro Senectute Switzerland, Basel, Bern, Valais, Vaud, CH
 State Secretariate of Economic Affairs, Bern, CH

Persons involved

Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				FR	DE	IT	CA	ES	
Research associates ⁴	26	81	13	2	2	1	0	1	7
Doctoral students	52	81	32	2	3	4	1	1	11
Postdoctoral students	24	58	11	7	0	2	0	0	4
Senior researchers ⁵	70	39	44	8	7	3	1	1	9
Management ⁶	9.27	52	20	1	0	0	1	0	1
Other staff	8	63	6	1	1	0	0	0	0
Total	189.27	60	126	21	13	10	3	3	32

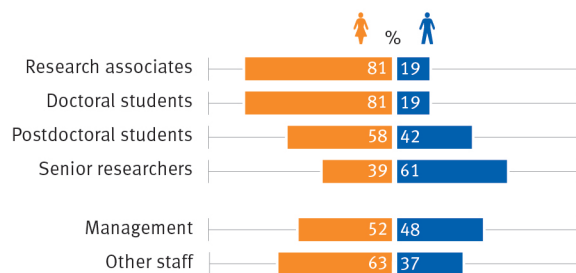
³ Persons involved in the NCCR in the last reporting period (12 months)

⁴ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

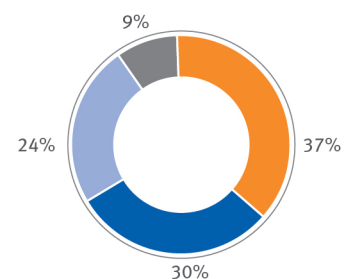
⁵ Including leaders of the individual projects and other organisational units of the NCCR

⁶ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

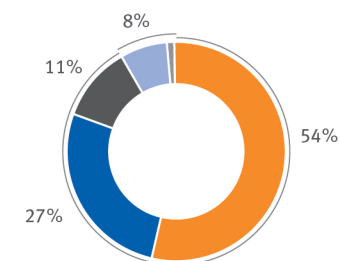


Training state of doctoral students



in progress	37
completed	30
continuation outside NCCR	24
dropout	9
Total	100

Next employer of doctoral and postdoctoral students



Academic sector	51
Private sector	7
Public sector	25
Other	1
None/not known	10
Total	94

NCCR MARVEL

Materials' Revolution: Computational Design and Discovery of Novel Materials



NCCR Director: Prof. Nicola Marzari
Home Institution: EPFL
Start date: 1st May 2014 (4th NCCR series)

Heads of Research Groups

Prof. Wanda Andreoni	Institut de théorie des phénomènes physiques, EPFL
Prof. Raffaella Buonsanti	Institut des sciences et ingénierie chimiques, EPFL
Prof. Michele Ceriotti	Institut des Matériaux, EPFL
Dr. Claudia Cancellieri	Fügetechnologie und Korrosion, Empa Dübendorf
Prof. Clémence Corminboeuf	Institut des sciences et ingénierie chimiques, EPFL
Prof. Volkan Cevher	Institut de génie électrique et électronique, EPFL
Dr. Alessandro Curioni	IBM Research GmbH, Rueschlikon
Prof. Antoine Georges	Department of Quantum Matter Physics, Université de Genève
Prof. Stefan Goedecker	Departement Physik, Universität Basel
Dr. Pierangelo Gröning	Moderne Materialien und Oberflächen, Empa Dübendorf
Prof. Jürg Hutter	Institut für Chemie, Universität Zürich
Prof. Michel Kenzelmann	Laboratory for Scientific Developments and Novel Materials, PSI Villigen
Prof. Christoph Koch	Institut d'informatique fondamentale, EPFL
Prof. Thomas Lippert	Materials Group, PSI Villigen
Prof. Nicola Marzari	Institut des Matériaux, EPFL
Dr. Maria Luisa Medarde Barragan	Laboratory for Scientific Developments and Novel Materials, PSI Villigen
Prof. Frithjof Nolting	Laboratory for Condensed Matter Physics, PSI Villigen
Prof. Michele Parrinello	Facoltà di scienze informatiche, Università della Svizzera Italiana, Lugano and Departement Chemie und Angewandte Biowissenschaften, ETH Zürich
Prof. Alfredo Pasquarello	Institut de théorie des phénomènes physiques, EPFL
Dr. Daniele Passerone	Nanotech@surfaces, Empa Dübendorf
Dr. Daniele Pergolesi	Materials Group, PSI Villigen
Prof. Wendy Lee Queen	Institut des sciences et ingénierie chimiques, EPFL
Dr. Marco Ranocchiari	Laboratory for Synchrotron Radiation – Catalysis and Sustainable Chemistry, PSI Villigen
Dr. Marta D. Rossell	Zentrum für Elektronenmikroskopie, Empa Dübendorf
Prof. Ursula Röthlisberger	Institut des sciences et ingénierie chimiques, EPFL
Prof. Christian Rüegg	Laboratory for Neutron Scattering and Imaging, PSI Villigen and Department of Quantum Matter Physics, Université de Genève
Prof. Thomas J. Schmidt	Electrochemistry Laboratory, PSI Villigen
Dr. Thorsten Schmitt	Laboratory for Condensed Matter Physics, PSI Villigen
Prof. Thomas Schulthess	Centro Svizzero di Calcolo Scientifico (CSCS), Lugano and Institut für Theoretische Physik, ETH Zürich
Prof. Ming Shi	Laboratory for Condensed Matter Physics, PSI Villigen

Output Data

Knowledge and technology transfer

118 Publications

105 Peer-reviewed articles 13 Not peer-reviewed articles

358 Presentations at congresses

81 Cooperations

3 Private sector 66 Research institutions
12 Programmes

10 Transfer activities

4 Patents 6 Prototypes/porcesses

Management / Coordination

Dr. Lidia Favre-Quattropani
Dr. Nathalie Jongen
NCCR MARVEL
EPFL STI PRN-MARVEL
Station 9
CH-1015 Lausanne
+41 21 693 48 80
+41 21 693 46 96
www.nccr-marvel.ch

Prof. Berend Smit	Institut des sciences et ingénierie chimiques, EPFL
Dr. Grigory Smolentsev	Bioenergy and Catalysis Laboratory, PSI Villigen
Prof. Nicola Spaldin	Departement Materialwissenschaft, ETH Zürich
Dr. Urs Staub	Laboratory for Condensed Matter Physics, PSI Villigen
Prof. Matthias Troyer	Institut für Theoretische Physik, ETH Zürich
Prof. Dirk van der Marel	Department of Quantum Matter Physics, Université de Genève
Prof. Joost VandeVondele	Departement Materialwissenschaft, ETH Zürich
Prof. Anatole von Lilienfeld	Departement Chemie, Universität Basel
Prof. Philipp Werner	Département de Physique, Université de Fribourg
Prof. Oleg Yazyev	Institut de théorie des phénomènes physiques, EPFL

Overview of all Research Projects

Participating Institutions

Universität Basel (2 groups)/Université de Fribourg (1 group)/Université de Genève (3 groups)
 Università della Svizzera Italiana (1 group)/Universität Zürich (1 group)/EPFL (12 groups)
 ETH Zürich (5 groups)/IBM Research GmbH (1 group)/Paul Scherrer Institut (12 groups)
 Empa (4 groups)/Centro Svizzero di Calcolo Scientifico (1 group)

Members of the Review Panel

Prof. Jan Carmeliet (Chair), SNF, Bern, CH
 Prof. Ali Alavi, Max-Planck Institut für Festkörperforschung, DE /
 Department of Chemistry, University of Cambridge, UK
 Prof. Christian Bernhard, SNF, Bern, CH
 Prof. Massimo Capone, Scuola Internazionale Superiore di Studi Avanzati (SISSA), IT
 Prof. Katharina Fromm, SNF, Bern, CH
 Prof. Klaus-Robert Müller, Technische Universität Berlin, DE
 Prof. Shobhana Narasimhan, Theoretical Sciences Unit, JNCASR, IN
 Prof. Mike Payne, Theory of Condensed Matter Group, University of Cambridge, UK
 Dr. Kristin A. Persson, Lawrence Berkeley National Laboratory, US
 Prof. Christopher M. Wolverton, Department of Materials Science & Engineering,
 Northwestern University, US

Funding

Funding Source (CHF)	Total Phase 1 2014 – 2017	2014	2015	2016	2017	Phase 1 %
SNSF-funding	18'000'000	5'250'000	4'390'000	4'200'000	4'160'000	46
Self-funding from Home Institution ¹	6'230'130	1'135'195	1'294'935	1'765'000	2'035'000	16
Self-funding from project participants	14'313'820	4'008'660	5'171'626	2'566'767	2'566'767	37
3rd party-funding	186'944	100'069	86'875	0	0	1
Total	38'730'894	10'493'924	10'943'436	8'531'767	8'761'767	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Key collaborations with third parties

Academia

Centre Européen de Calcul Atomique et Moléculaire (CECAM), EPFL
 SCCER Heat & Electricity Storage, PSI, Villigen
 Platform for Advanced Scientific Computing (PASC)
 H2020 Flagship Human Brain Project, EPFL
 H2020 Flagship Graphene
 H2020 Centre of Excellence on Materials Design at the Exascale (MaX)
 H2020 European Materials Modelling Council (EMMC)
 H2020 Nanoscience Foundries & Fine Analysis (NFFA)
 Consorzio Interuniversitario CINECA, Bologna
 Psi-k
 Thomas Young Centre, London
 Max-Planck-EPFL for Molecular Nanoscience and Technology
 Quantum ESPRESSO Foundation, London
 Crystallography Open Database, Vilnius
 Simons Collaboration on the Many Electron Problem, Columbia University
 African School series on Electronic Structure Methods and Applications (ASESMA), Urbana
 Open Quantum Materials Database, Northwestern University
 Lawrence Livermore National Laboratory
 International Institute for Carbon-Neutral Energy Research, Fukuoka

Private and public sector

Varinor-Richemont, Delémont
 Material Phases Data System (MPDS), Vitznau
 Robert Bosch Research and Technology Center, Cambridge MA
 Microsoft Corporation, Santa Barbara CA

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				IT	DE	CN	RU	FR	
Research associates ³	2	0	0	0	0	0	0	0	2
Doctoral students	44	20	9	6	3	1	1	1	23
Postdoctoral students	73	11	0	23	7	8	5	3	27
Senior researchers ⁴	40	13	14	9	5	1	1	1	9
Management ⁵	3.01	75	4	2	0	0	0	1	3
Other staff	1	100	0	0	0	0	0	0	1
Total	163.01	17	27	40	15	10	7	6	65

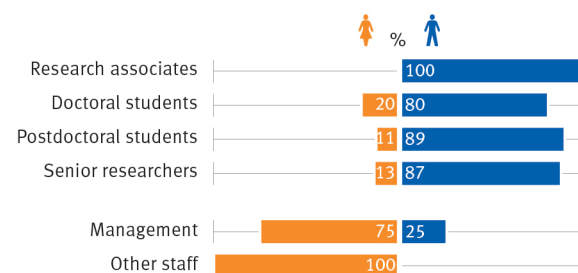
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

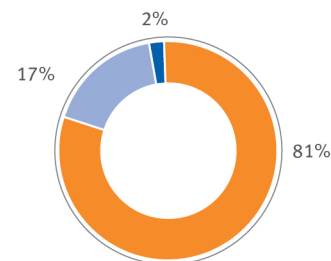
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

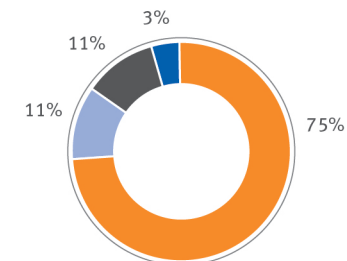


Training state of doctoral students



in progress	37
completed	1
continuation outside NCCR	8
dropout	0
Total	46

Next employer of doctoral and postdoctoral students



Academic sector	21
Private sector	3
Public sector	1
Other	0
None/not known	3
Total	28

NCCR Mediality Historical Perspectives



NCCR Director: Prof. Christian Kiening
Home Institution: University of Zurich
Start date: 1st of October 2005 (2nd NCCR series)

Heads of Research Groups

Prof. Jürg Glauser	Deutsches Seminar, Universität Zürich/ Seminar für Nordistik, Universität Basel
Prof. Christian Kiening	Deutsches Seminar, Universität Zürich
Prof. Andreas Kilcher	Departement für Geistes-, Sozial- und Staatswissenschaften, ETH Zürich
Prof. Gesine Krüger	Historisches Seminar, Universität Zürich
Prof. Susanne Köbele	Deutsches Seminar, Universität Zürich
Prof. Barbara Naumann	Deutsches Seminar, Universität Zürich
Prof. Sabine Schneider	Deutsches Seminar, Universität Zürich
Prof. Mireille Schnyder	Deutsches Seminar, Universität Zürich
Prof. Jörg Schweinitz	Seminar für Filmwissenschaft, Universität Zürich
Prof. Martina Stercken	Historisches Seminar, Universität Zürich
Prof. Martino Stierli	Kunsthistorisches Institut, Universität Zürich
Prof. Victor Stoichita	Département d'Histoire de l'Art et Musicologie, Université Fribourg
Prof. Philipp Theisohn	Deutsches Seminar, Universität Zürich
Prof. Andreas Thier	Rechtswissenschaftliches Institut, Universität Zürich
Prof. Margrit Tröhler	Seminar für Filmwissenschaft, Universität Zürich
Prof. Hans-Georg von Arburg	Faculté des lettres, Université de Lausanne
Prof. Tristan Weddigen	Kunsthistorisches Institut, Universität Zürich

[Overview of all Research Projects](#)

Output Data Knowledge and technology transfer

886 Publications

51 Not peer-reviewed articles **298 Peer-reviewed articles**
119 Books
27 Reports **391 Anthology articles**

989 Presentations at congresses

77 Cooperations

1 Other **76 Research institutions**

Management / Coordination

Prof. Martina Stercken
Universität Zürich
Historisches Seminar
NCCR Mediality
Schönberggasse 2
8001 Zürich
+41 44 634 51 16
www.mediality.ch

Participating Institutions

Universität Basel (1 group)/Université de Fribourg (1 group)
 Université de Lausanne (1 group)/Universität Zürich (14 groups)/ETH Zürich (1 group)

Members of the Review Panel

Prof. Susanna Burghartz (Chair), SNF, Bern, CH
 Prof. Gerhard Fouquet, Historisches Seminar, Christian-Albrechts-Universität zu Kiel, DE
 Prof. Alexander Grob, SNF, Bern, CH
 Prof. Anton Kaes, Department of Film & Media, University of California, US
 Prof. Ingrid Kasten, Institut für Deutsche und Niederländische Philologie, Freie Universität Berlin, DE
 Prof. Klaus Krüger, Kunsthistorisches Institut, Freie Universität Berlin, DE
 Prof. Niklaus Largier, Department of German, University of California Berkeley, US
 Prof. Doris Ruhe (em.), Institut für Romanistik, Ernst Moritz Arndt Universität Greifswald, DE
 Prof. Wilhelm Vosskamp, Institut für deutsche Sprache und Literatur, Universität Köln, DE

Key collaborations with third parties

Academia

Arni Magnusson Institute for Icelandic Studies, University of Iceland, Reykjavík, IS
 Department of Art History, City University of New York (CUNY), US
 Department of German, Comparative Literature and Centre for Anglo-German Cultural Relations, London University, UK
 Department of Germanic Languages and Literatures, Harvard University, Cambridge, US
 Department of History, University of Mississippi, Oxford, US
 Department of Romance Languages and Literatures, Screen Arts and Cultures, University of Michigan, Ann Arbor, US
 Department of Social Anthropology, University of Cape Town, ZA
 Film Studies, Mel Hoppenheim School of Cinema, Concordia University Montréal, CA
 German Department, University of Toronto, CA
 Germanic Studies Department, University of Chicago, US
 Historisches Seminar, Universität Freiburg, CH
 Institute for Cultural Inquiry, Media and Performance Studies, Universität Utrecht, NL
 Institut für Afrikawissenschaften, Universität Wien, AT
 Institut für Klassische Philologie, Universität München, DE
 Institutt for lingvistiske og nordiske studier, Universitetet i Oslo, NO
 School of Geography, Queen's University Belfast, IE
 Seminar für Deutsche Philologie, Georg-August-Universität Göttingen, DE
 Seminar für Deutsche Philologie, Universität Mannheim, DE
 Systematische Theologie/ Religionsphilosophie, Universität Rostock, DE
 Wissenschaftsgeschichte der Geistes- und Sozialwissenschaften, Universität Konstanz, DE

Funding

Funding Source (CHF)	Total Phase 1 2005 - 2008	Total Phase 2 2009 - 2012	Total Phase 3 2013 - 2016	2013	2014	2015	2016	Phase 3 %
SNSF-funding	5'700'000	6'000'000	4'200'000	1'088'000	1'176'000	1'176'000	760'000	40
Self-funding from Home Institution ¹	2'484'878	2'956'450	2'929'241	806'323	729'325	700'480	693'113	28
Self-funding from project participants	1'446'702	4'348'500	3'331'531	931'525	825'003	825'003	750'000	32
3rd party-funding	268'140	0	-420	0	-420	0	0	0
Total	9'899'720	13'304'950	10'460'352	2'825'848	2'729'908	2'701'483	2'203'113	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

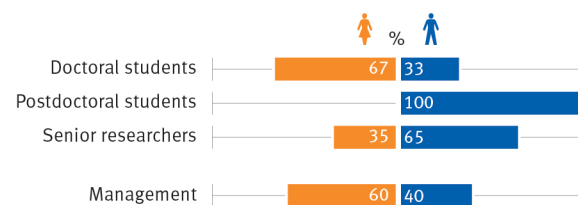
Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	AT	GB	IT	RO	
Doctoral students	15	67	9	6	1	0	0	0	0
Postdoctoral students	2	0	0	1	0	1	0	0	0
Senior researchers ³	20	35	7	13	0	0	0	1	0
Management ⁴	2.79	60	5	5	0	0	1	0	0
Total	39.79	48	21	25	1	1	1	1	0

² Persons involved in the NCCR in the last reporting period (12 months)

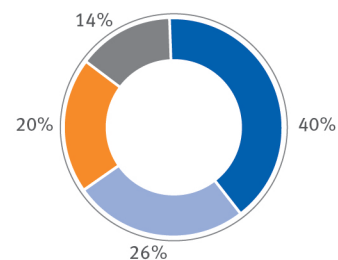
³ Including leaders of the individual projects and other organisational units of the NCCR

⁴ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

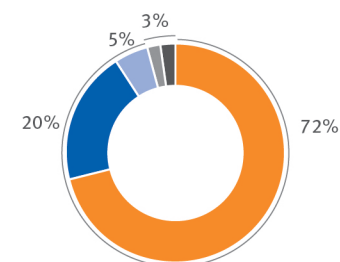


Training state of doctoral students



in progress	13
completed	26
continuation outside NCCR	17
dropout	9
Total	65

Next employer of doctoral and postdoctoral students



Academic sector	44
Private sector	3
Public sector	12
Other	1
None/not known	1
Total	61

NCCR MSE

Molecular Systems Engineering



NCCR Director: Prof. Thomas R. Ward, NCCR Co-Director: Prof. Daniel Müller
Home Institutions: University of Basel, ETH Zurich
Start date: 1st of July 2014 (4th NCCR series)

Heads of Research Groups

Prof. Yaakov Benenson	Departement Biosystems Science and Engineering, ETH Zürich
Prof. Nikola Biller-Andorno	Institut für Biomedizinische Ethik und Medizingeschichte, Universität Zürich
Dr. Michel Calame	Departement Physik, Universität Basel
Dr. Urs Dürig	IBM Research GmbH, Zürich
Prof. Dimitrios Fotiadis	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Martin Fussenegger	Departement Biosystems Science and Engineering, ETH Zürich
Prof. Karl Gademann	Departement Chemie, Universität Zürich
Prof. Catherine Housecroft	Departement Chemie, Universität Basel
Prof. Roderick Lim	Biozentrum, Universität Basel
Prof. Stefan Matile	Section Chimie et Biochimie, Université de Genève
Prof. Marcel Mayor	Departement Chemie, Universität Basel
Prof. Wolfgang Meier	Departement Chemie, Universität Basel
Prof. Daniel Müller	Departement Biosystems Science and Engineering, ETH Zürich
Prof. Michael Nash	Departement Chemie, Universität Basel
Prof. Cornelia Palivan	Departement Chemie, Universität Basel
Prof. Sven Panke	Departement Biosystems Science and Engineering, ETH Zürich
Prof. Randall Platt	Departement Biosystems Science and Engineering, ETH Zürich
Prof. Sai Reddy	Departement Biosystems Science and Engineering, ETH Zürich
Dr. Botond Roska	Neurobiologie, Friedrich Miescher Institut, Basel
Prof. Gebhard Schertler	Paul Scherrer Institut PSI, Villigen
Prof. Francesco Stellacci	Institut Bioengineering, EPFL
Prof. Jörg Stelling	Departement Biosystems Science and Engineering, ETH Zürich
Prof. Konrad Tiefenbacher	Departement Chemie, Universität Basel
Prof. Viola Vogel	Departement Gesundheitswissenschaften und Technologie, ETH Zürich
Prof. Janos Vörös	Institut für Biomedizinische Technik, ETH Zürich
Prof. Thomas R. Ward	Departement Chemie, Universität Basel
Prof. Oliver Wenger	Departement Chemie, Universität Basel

Overview of all Research Projects

Output Data

Knowledge and technology transfer

120 Publications

113 Peer-reviewed articles **5 Books**
2 Reports

159 Presentations at congresses

101 Cooperations

7 Private sector **93 Research institutions**
1 Programme

5 Transfer activities

3 Patents **2 CTI-projects**

Management/Coordination

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Participating Institutions

Universität Basel (10 groups)/Universität Bern (1 group)/Université de Genève (1 group)
Universität Zürich (2 groups)/EPFL (1 group)/ETH Zürich (10 groups)
Friedrich Miescher Inst. (1 group)/Paul Scherrer Institut (1 group)/IBM Research GmbH (1 group)

Members of the Review Panel

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Prof. Kai Johnsson, SNF, Bern, CH
Prof. Wolfgang Knöll, AIT Austrian Institute of Technology, AT
Prof. Timothy K. Lu, Department of Electrical Engineering and Computer Science, MIT Synthetic Biology Center, Massachusetts Institute of Technology, US
Prof. Nicolas Rodondi, SNF, Bern, CH
Prof. Joachim P. Spatz, Max-Planck-Institut für intelligente Systeme, DE
Prof. Gregory Stephanopoulos, Massachusetts Institute of Technology, US
Prof. Gerhard Wegner, Max-Planck-Institut für Polymerforschung, DE
Prof. Tanja Weil, Institut für Organische Chemie III, Universität Ulm, DE

Key collaborations with third parties

Academia

Laboratory of Molecular Biology, MRC, Cambridge, UK
Cavendish Laboratory, University of Cambridge, UK
Technical University Delft, NL
Department of Physics, Georgia Tech, Atlanta, US
Institute of Bioprocess Engineering, University of Stuttgart, DE
Department of Bioengineering, MIT, US
Department of Mathematics, Rutgers University, Piscataway, US
Molecular and Cellular Physiology and Medicine, Stanford University, US
Max Planck Institute for Biophysics, Frankfurt, DE
Systems Neurobiology Laboratories, Salk Institute, La Jolla, US
Department of Chemistry, Colorado State University, US
School of Chemistry, University of Manchester, UK
Institut de Science et d'Ingénierie Supramoléculaires, Université de Strasbourg, FR
Abteilung Physikalische Chemie Mikroskopischer Systeme, Karlsruher Institut für Technologie, DE
Instituto de Ciencia Molecular, University of Valencia, SP
Department of Chemistry and Biotechnology, University of Tokyo, JP
Theoretische und computergestützte Biophysik, Max Planck Institut für Biophysikalische Chemie Göttingen, DE
Max-Planck-Institut für Kolloid und Grenzflächenforschung, Potsdam, DE
Molecular Environmental Microbiology Laboratory, Centro Nacional de Biotecnología, SP
Institut für Chemie, Technische Universität Berlin, DE
BIOSS Centre for Biological Signaling Studies, Albert-Ludwigs-Universität Freiburg, DE
FP 7 CELLO, FP 7 HYSENS, FP 7 HETEROMOLMAT, FP 7 METACODE

Private and public sector

Avails Medical Inc., Menlo Park, US
DSM Nutritional Products AG, Kaiseraugst, CH
Gensight Biologics, Paris, FR
Lonza LTD, Basel, CH
Nanosurf AG, Liestal, CH
Roche (Genia Technologies), Mountain View, US
SwissLitho AG, Zurich, CH

Funding

Funding Source (CHF)	Total Phase 1	2014	2015	2016	2017	Phase 1 %
	2014 - 2017					
SNSF-funding	16'900'000	4'225'000	4'225'000	4'225'000	4'225'000	54
Self-funding from Home Institutions ¹	9'300'000	2'325'000	2'325'000	2'325'000	2'325'000	30
Self-funding from project participants	4'894'087	1'878'797	3'015'290	0	0	15
3rd party-funding	190'000	140'000	50'000	0	0	1
Total	31'284'087	8'568'797	9'615'290	6'550'000	6'550'000	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	FR	IT	UA	CN	
Research associates ³	2	50	1	0	0	0	1	0	1
Doctoral students	48	27	13	16	4	3	2	0	10
Postdoctoral students	32	25	5	11	3	1	1	3	10
Senior researchers ⁴	33	15	12	8	0	1	0	0	14
Management ⁵	5.25	46	8	4	0	1	0	0	2
Other staff	2	50	1	0	1	0	0	0	0
Total	122.25	26	40	39	8	6	4	3	37

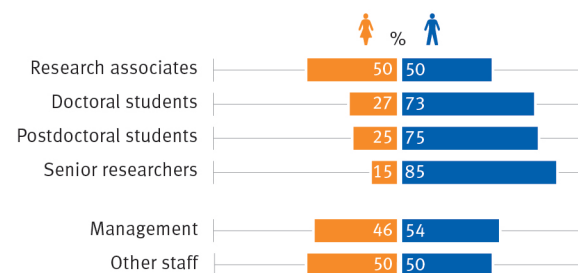
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

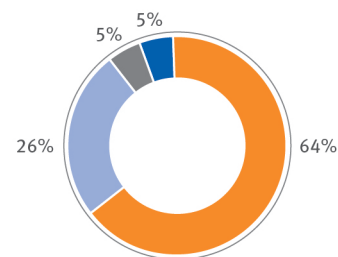
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

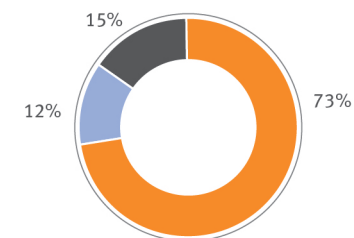


Training state of doctoral students



in progress	35
completed	3
continuation outside NCCR	14
dropout	3
Total	55

Next employer of doctoral and postdoctoral students



Academic sector	19
Private sector	3
Public sector	0
Other	0
None/not known	4
Total	26

NCCR MUST

Molecular Ultrafast Science and Technology



NCCR Director: Prof. Ursula Keller, NCCR Co-Director: Prof. Thomas Feurer
Home Institutions: ETH Zurich, University of Bern
Start date: 1st July 2010 (3rd NCCR series)

Heads of Research Groups

Dr. Paul Beaud	Laboratory for Synchrotron Radiation – Condensed Matter, PSI Villigen
Prof. Natalie Banerji	Departement Chemie, Université de Fribourg
Prof. Andrea Cannizzo	Institut für Angewandte Physik, Universität Bern
Prof. Fabrizio Carbone	Institut de Physique de la Matière Condensée, EPFL
Prof. Majed Chergui	Institut des Sciences et Ingénierie Chimiques, EPFL
Prof. Thomas Feurer	Institut für Angewandte Physik, Universität Bern
Prof. Peter Hamm	Physikalisch-Chemisches Institut, Universität Zürich
Dr. Matthias Hengsberger	Physik-Institut, Universität Zürich
Prof. Steve Johnson	Institut für Quantenelektronik, ETH Zürich
Prof. Ursula Keller	Institut für Quantenelektronik, ETH Zürich
Prof. Markus Meuwly	Departement Chemie, Universität Basel
Dr. Chris Milne	SwissFEL, Paul Scherrer Institut PSI, Villigen
Prof. Jacques-E. Moser	Institut des Sciences et Ingénierie Chimiques, EPFL
Prof. Jürg Osterwalder	Physik-Institut, Universität Zürich
Prof. Ursula Röthlisberger	Institut des Sciences et Ingénierie Chimiques, EPFL
Dr. Hans Sigg	Laboratory for Micro and Nanotechnology, PSI Villigen
Dr. Urs Staub	Laboratory for Synchrotron Radiation – Condensed Matter, PSI Villigen
Prof. Thomas Südmeyer	Laboratoire Temps-Fréquence, Université de Neuchâtel
Prof. Jeroen van Bokhoven	Institut für Chemie- und Bioingenieurwissenschaften, ETH Zürich
Prof. Jiri Vanicek	Institut des Sciences et Ingénierie Chimiques, EPFL
Prof. Jean-Pierre Wolf	Groupe de Physique Appliquée, Université de Genève
Prof. Hans Jakob Würner	Laboratorium für Physikalische Chemie, ETH Zürich

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

596 Publications

565 Peer-reviewed articles 16 Not peer-reviewed articles
7 Anthology articles 5 Books 3 Reports

897 Presentations at congresses

66 Cooperations

11 Private sector 44 Research institutions
4 Programmes 7 Others

19 Transfer activities

4 Start-Ups 1 Prototype
5 CTI-projects 9 Patents

Management/Coordination

Dr. Jan van Beilen and Dr. Anna Garry
Institut für Quantenelektronik (IQE)
ETH Zürich
Wolfgang-Pauli-Strasse 16
CH-8093 Zürich
+41 44 633 29 90
www.nccr-must.ch

Participating Institutions

Universität Basel (1 group)/Universität Bern (2 groups)/Université de Fribourg (1 group)
Université de Genève (1 group)/Université de Neuchâtel (1 group)/Universität Zürich (2 groups)
EPFL (5 groups)/ETH Zürich (4 groups)/ Paul Scherrer Institut PSI (3 groups)

Members of the Review Panel

Prof. Dirk van der Marel (Chair), SNF, Bern, CH
Prof. Regina de Vivie-Riedle, Department Chemie, Ludwig-Maximilians-Universität München, DE
Prof. Thomas Elsaesser, Max-Born-Institut, Berlin, DE
Prof. Roger W. Falcone, Physics Department, University of California, Berkeley, US
Prof. Samuel Leutwyler, SNF, Bern, CH
Prof. Shaul Mukamel, Department of Chemistry, University of California Irvine, US
Prof. Anthony W. Parker, Rutherford Appleton Laboratory, Harwell Science and Innovation, Oxfordshire, UK
Prof. Frank Scheffold, SNF, Bern, CH
Prof. Villy Sundström, Kemiska Institutionen, Lunds Universitet, SE
Prof. Martin Wolf, Abteilung Physikalische Chemie, Fritz-Haber Institut der MPG, DE

Key collaborations with third parties

Academia

Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, PL
Physikalisches Institut, Alberts-Ludwigs-Universität Freiburg, DE
Combustion Research Facility, Sandia National Laboratories, Livermore, US
Center for Physical Sciences and Technology, Institute of Physics, Vilnius, LT
Department of Chemistry, Princeton University, NY, US
Department of Chemistry, University of California, Irvine, US
Institute of Applied Physics, KIT Karlsruhe, Germany
Stanford Linear Accelerator Center, Menlo Park CA, US
Department of Physics, Imperial College London, UK
Department of Chemistry, Massachusetts Institute of Technology, Cambridge, US
Graduate School of Advanced Integration Science, University of Chiba, JP
Laboratory of Photonics and Interfaces, EPFL, CH
Max-Planck-Institut für Physik Komplexer Systeme, Dresden, DE
Max Planck Institute für Struktur und Dynamik der Materie/CFEL, Hamburg, DE
Department of Chemistry, Copenhagen University, DK

Private and public sector

Bystronic, Niederoenz, CH
Novartis, Basel, CH
OneFive, Zürich, CH
Rainbow Photonics AG, Zürich, CH
IONIGHT, Bern, CH
Plair, Genève, CH
AME GmbH, Bern, CH
SThAR, Lausanne, CH
Supercomputing Systems AG, Zürich, CH

Funding

Funding Source (CHF)	Total Phase 1 2010 - 2013	Total Phase 2 2014 - 2017	2014	2015	2016	2017	Phase 2 %
SNSF-funding ¹	17'790'000	17'354'842	4'968'842	4'470'000	4'458'000	3'458'000	41
Self-funding from Home Institutions ²	9'616'456	6'584'000	1'823'000	1'823'000	1'823'000	1'115'000	15
Self-funding from project participants	14'445'287	18'027'772	4'392'548	4'472'391	4'610'135	4'552'698	43
3rd party-funding	867'189	312'513	112'513	0	100'000	100'000	1
Total	42'718'932	42'279'127	11'296'903	10'765'391	10'991'135	9'225'698	100

¹ incl. funding of transfer projects (strong Swiss franc package)¹ in 2012, 120% support-grant in 2013 and 2014 and compensation for PhD salaries increase in 2015

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

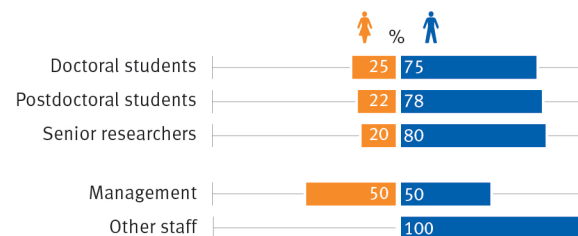
Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	IT	FR	IN	NL	
Doctoral students	56	25	12	14	7	7	4	1	11
Postdoctoral students	51	22	5	11	8	5	2	1	22
Senior researchers ⁴	35	20	18	5	3	2	0	3	5
Management ⁵	3.44	50	9	2	0	0	0	1	2
Other staff	9	0	9	0	0	0	0	0	0
Total	154.44	23	53	32	18	14	6	6	40

³ Persons involved in the NCCR in the last reporting period (12 months)

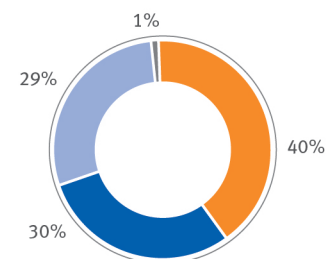
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

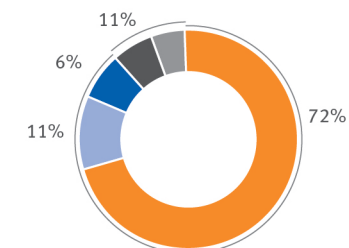


Training state of doctoral students



in progress	45
completed	33
continuation outside NCCR	32
dropout	1
Total	111

Next employer of doctoral and postdoctoral students



Academic sector	122
Private sector	18
Public sector	11
Other	8
None/not known	10
Total	169

NCCR On the Move

The Migration-Mobility Nexus

nccr 
on the move

National Center of Competence in Research-
The Migration-Mobility Nexus
nccr-onthemove.ch

NCCR Director: Prof. Gianni D'Amato
Home Institution: University of Neuchâtel
Start date: 1st of June 2014 (4th NCCR series)

Heads of Research Groups

Prof. Alberto Achermann	Institut für öffentliches Recht, Universität Bern
Prof. Christin Achermann	Centre de droit des migrations, Université de Neuchâtel
Prof. Cesla Amarelle	Faculté de droit, Université de Neuchâtel
Prof. Giuliano Bonoli	Institut des hautes études en administration publique (IDHEAP), Université de Lausanne
Prof. Martina Caroni	Rechtswissenschaftliche Fakultät, Universität Luzern
Prof. Janine Dahinden	Maison d'analyse des processus sociaux (MAPS), Université de Neuchâtel
Prof. Gianni D'Amato	Forum suisse pour l'étude des migrations et de la population, (SFM), Université de Neuchâtel
Dr. Rosita Fibbi	Forum suisse pour l'étude des migrations et de la population, (SFM), Université de Neuchâtel
Prof. Matteo Gianni	Institut d'études de la citoyenneté, Université de Genève
Dr. Eva Green	Institut de psychologie, Université de Lausanne
Prof. Dominik Hangartner	London School of Economics, UK/Universität Zürich
Prof. Jörg Künzli	Institut für öffentliches Recht, Universität Bern
Prof. Walter Leimgruber	Seminar für Kulturwissenschaft und Europäische Ethnologie, Universität Basel
Prof. Anita Manatschal	Forum suisse pour l'étude des migrations et de la population (SFM), Université de Neuchâtel
Prof. Tobias Müller	Institut d'économie et d'économétrie, Université de Genève
Prof. Etienne Piguet	Institut de géographie, Université de Neuchâtel
Prof. Sarah Progin-Theuerkauf	Rechtswissenschaftliche Fakultät, Universität Freiburg
Prof. Alois Stutzer	Wirtschaftswissenschaftliche Fakultät, Universität Basel
Prof. Philippe Wanner	Institut de démographie et socioéconomie, Université de Genève
Prof. Tania Zittoun	Institut de psychologie et éducation, Université de Neuchâtel

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

93 Publications

16 Peer-reviewed articles
23 Not peer-reviewed articles
14 Books
38 Anthology articles
2 Reports

90 Presentations at congresses

22 Cooperations

13 Others
6 Research institutions
3 Programmes

Management / Coordination

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Participating Institutions

Universität Basel (2 groups)/Universität Bern (2 groups)/Université de Fribourg (1 group)
 Université de Genève (4 groups)/Université de Lausanne (2 groups)
 Universität Luzern (1 group)/Université de Neuchâtel (6 groups)/Universität Zürich (1 group)

Members of the Review Panel

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 Prof. Max Bergman, SNF, Bern, CH
 Prof. Ayse Caglar, Institut für Kultur- und Sozialanthropologie, Universität Wien, AT
 Prof. Franz Caspar, SNF, Bern, CH
 Prof. Philippe De Bruycker, Migration Policy Centre, European University Institute, Firenze, IT
 Prof. Helga de Valk, Faculteit Economische en Sociale Wetenschappen, Vrije Universiteit Brussel, BE
 Prof. Gil S. Epstein, Department of Economics, School of Graduate Studies, Bar-Ilan University, IL
 Dr. Reiner Klingholz, Berlin-Institut für Bevölkerung und Entwicklung, DE
 Prof. Maarten Vink, Faculty of Arts and Social Sciences, Maastricht University, NL

Key collaborations with third parties

Academia

Center for the Study of Poverty and Social Justice, School for Policy Studies, University of Bristol, UK
 Center of Migration Research, University of Warsaw, PL
 Centre d'Etudes de l'Ethnicité et des Migrations (CEDEM), Université de Liège, BE
 Department of Politics, University of Sheffield, UK
 IMISCOE, Network of Scholars International Migration, Integration and Social Cohesion, Erasmus University Rotterdam, NL
 Institute for Advanced Studies in the Humanities, University of Edinburgh, UK
 Institute for Demographic Studies INED, Paris, FR
 Institute for the Study of Labor, Bonn, DE
 International and European Forum on Migration Research, Torino, IT
 Justus Liebig University Giessen, DE
 Maastricht Centre for Citizenship, Migration and Development, Maastricht University, NL
 Malmö Institute for Studies of Migration, Diversity and Welfare
 Odysseus Network, Academic Network for Legal Studies on Asylum and Immigration in Europe, Malmö University, SE
 Radboud University Nijmegen, NL
 Southern Methodist University, Dallas, US

Private and public sector

Centre de compétence suisse en sciences sociales – FORS, Université de Lausanne, CH
 Centre suisse de compétence pour les droits humains CSDH, CH
 The Centre for European Policy Studies, Bruxelles, BE
 Commission fédérale pour les questions de migration (CFM), Wabern, CH
 Forum of International and European Research on Immigration – FIERI, Torino, IT
 International Labour Organization, Labour Migration Branch, Geneva, CH
 Office fédéral de la statistique, Neuchâtel, CH
 Secrétariat d'Etat aux migrations, Wabern, CH

Funding

Funding Source (CHF)	Total Phase 1 2014 - 2017	2014	2015	2016	2017	Phase 1 %
SNSF-funding ¹	17'236'915	4'308'125	4'328'790	4'300'000	4'300'000	69
Self-funding from Home Institution ²	3'076'784	593'477	772'662	817'077	893'568	12
Self-funding from project participants	4'693'000	840'000	779'000	1'537'000	1'537'000	19
3rd party-funding	0	0	0	0	0	0
Total	25'006'699	5'741'602	5'880'452	6'654'077	6'730'568	100

¹ incl. Mobility-grant in 2014 and 120% Support in 2015

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	IT	AT	BR	FR	
Research associates ³	6	67	1	3	0	1	0	0	1
Doctoral students	28	61	15	4	1	1	1	0	9
Postdoctoral students	18	67	6	2	4	2	0	2	5
Senior researchers ⁴	19	42	17	1	1	0	0	0	0
Management ⁵	5.92	63	15	6	2	1	1	0	0
Total	76.92	59	54	16	8	5	2	2	15

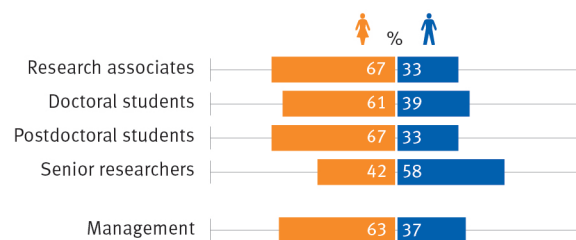
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

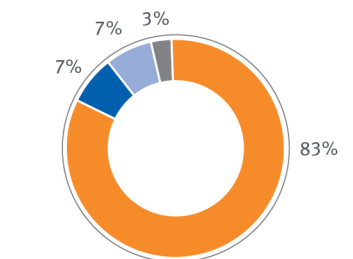
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

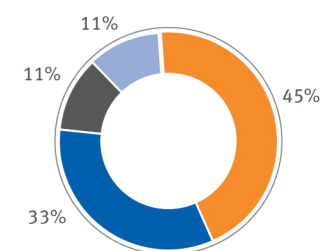


Training state of doctoral students



in progress	25
completed	2
continuation outside NCCR	2
dropout	1
Total	30

Next employer of doctoral and postdoctoral students



Academic sector	4
Private sector	1
Public sector	3
Other	0
None/not known	1
Total	9

NCCR PlanetS

Origin, Evolution and Characterisation of Planets



NCCR Director: Prof. Willy Benz, NCCR Co-Director: Prof. Stéphane Udry
Home Institution: University of Bern, University of Geneva
Start date: 1st of June 2014 (4th NCCR series)

Heads of Research Groups

Prof. Willy Benz	Physikalisches Institut, Universität Bern
Prof. Klaus Mezger	Institut für Geologie, Universität Bern
Prof. Ben Moore	Institut für Computergestützte Wissenschaften, Universität Zürich
Prof. Francesco Pepe	Observatoire, Université de Genève
Prof. Hans-Martin Schmid	Institut für Astronomie, ETH Zürich
Prof. Maria Schönbachler	Institut für Geochemie und Petrologie, ETH Zürich
Prof. Nicolas Thomas	Physikalisches Institut, Universität Bern
Prof. Stéphane Udry	Observatoire, Université de Genève

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

209 Publications

147 Peer-reviewed articles **1 Book**
61 Not peer-reviewed articles

150 Presentations at congresses

48 Cooperations

32 Research institutions
15 Programmes **1 Private sector**

1 Transfer activities

1 CTI-project

Management/Coordination

NCCR PlanetS
Physikalisches Institut
Universität Bern
Jeanine Jungo
Sidlerstrasse 5
CH-3012 Bern
+41 31 631 32 39
www.nccr-planets.ch

Participating Institutions

Universität Bern (2 groups)/Université de Genève (2 groups)/Universität Zürich (1 group)
ETH Zürich (2 groups)

Key collaborations with third parties

International Organisations / Agencies

European Space Agency (ESA)
European Southern Observatory (ESO)

Private and public sector

Burgergemeinde Zermatt
Swiss Museum of Transport

Members of the Review Panel

Prof. Frank Scheffold (Chair), SNF, Bern, CH
Prof. Imke de Pater, Department of Astronomy, University of California at Berkeley, US
Prof. Debra Fischer, Department of Astronomy, Yale University, New Haven, US
Prof. Anna Fontcuberta i Morral, SNF, Bern, CH
Prof. Jamie Gilmour, School of Earth, Atmospheric and Environmental Sciences, The University of Manchester, UK
Prof. Lisa Kaltenegger, Department of Astronomy, Cornell University, Ithaca, US
Prof. Douglas N C Lin, Astronomy & Astrophysics Department, UC Santa Cruz, US
Dr. Larry R. Nittler, Department of Terrestrial Magnetism, Carnegie Institution of Washington, US
N.N., SNF, Bern, CH
Prof. Ewine F. van Dishoeck, Leiden Observatory, NL

Funding

Funding Source (CHF)	Total Phase 1 2014 - 2017	2014	2015	2016	2017	Phase 1 %
SNSF-funding	17'600'000	4'400'000	4'400'000	4'400'000	4'400'000	52
Self-funding from Home Institutions ¹	7'590'000	1'451'500	2'137'500	2'040'500	1'960'500	23
Self-funding from project participants	8'457'050	2'163'666	2'028'110	2'153'557	2'111'717	25
3rd party-funding	0	0	0	0	0	0
Total	33'647'050	8'015'166	8'565'610	8'594'057	8'472'217	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

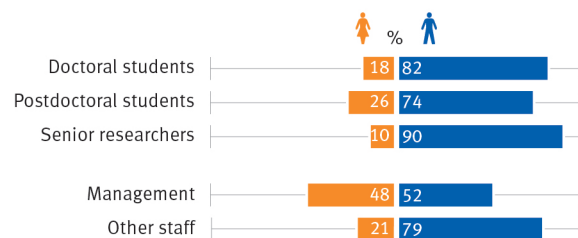
Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				FR	DE	US	GB	IT	
Doctoral students	22	18	3	6	3	2	3	0	6
Postdoctoral students	23	26	2	6	4	0	0	2	9
Senior researchers ³	30	10	11	6	4	3	3	2	5
Management ⁴	8.17	48	16	1	1	2	1	1	3
Other staff	14	21	7	4	0	1	0	1	2
Total	97.17	24	39	23	12	8	7	6	25

² Persons involved in the NCCR in the last reporting period (12 months)

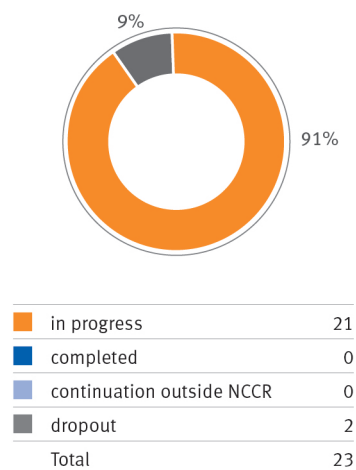
³ Including leaders of the individual projects and other organisational units of the NCCR

⁴ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

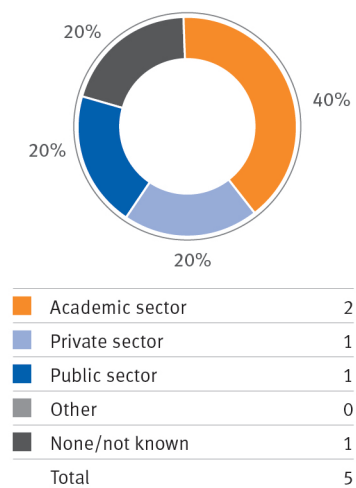
Gender in the NCCR



Training state of doctoral students



Next employer of doctoral and postdoctoral students



NCCR QSIT

Quantum Science and Technology



NCCR Director: Prof. Klaus Ensslin, NCCR Co-Director: Prof. Richard Warburton
 Home Institutions: ETH Zurich, University of Basel
 Start date: 1st of January 2011 (3rd NCCR series)

Heads of Research Groups

Prof. Johann Blatter	Institut für Theoretische Physik, ETH Zürich
Prof. Christoph Bruder	Departement Physik, Universität Basel
Prof. Christian Degen	Laboratorium für Festkörperphysik, ETH Zürich
Prof. Klaus Ensslin	Laboratorium für Festkörperphysik, ETH Zürich
Prof. Tilman Esslinger	Institut für Quantenelektronik, ETH Zürich
Prof. Jérôme Faist	Institut für Quantenelektronik, ETH Zürich
Prof. Anna Fontcuberta i Morral	Laboratoire des matériaux semiconducteurs, EPFL
Dr. Andreas Fuhrer	IBM Research - Zürich
Prof. Nicolas Gisin	GAP-Optique, Université de Genève
Prof. Jonathan Home	Institut für Quantenelektronik, ETH Zürich
Prof. Thomas Ihn	Laboratorium für Festkörperphysik, ETH Zürich
Prof. Atac Imamoglu	Institut für Quantenelektronik, ETH Zürich
Prof. Tobias Kippenberg	Laboratoire de photonique et mesures quantiques, EPFL
Prof. Jelena Klinovaja	Departement Physik, Universität Basel
Prof. Daniel Loss	Departement Physik, Universität Basel
Prof. Patrick Maletinsky	Departement Physik, Universität Basel
Prof. Frédéric Merkt	Laboratorium für Physikalische Chemie, ETH Zürich
Prof. Alberto Morpurgo	Département de physique de la matière quantique, Université de Genève
Prof. Lukas Novotny	Department Informationstechnologie und Elektrotechnik, ETH Zürich
Prof. Martino Poggio	Departement Physik, Universität Basel
Prof. Renato Renner	Institut für Theoretische Physik, ETH Zürich
Dr. Gian Salis	IBM Research - Zürich
Prof. Christian Schönenberger	Departement Physik, Universität Basel
Prof. Philipp Treutlein	Departement Physik, Universität Basel
Prof. Matthias Troyer	Institut für Theoretische Physik, ETH Zürich
Prof. Andreas Wallraff	Laboratorium für Festkörperphysik, ETH Zürich
Prof. Richard Warburton	Departement Physik, Universität Basel
Prof. Werner Wegscheider	Laboratorium für Festkörperphysik, ETH Zürich
Prof. Stefan Willitsch	Departement Chemie, Universität Basel
Prof. Stefan Wolf	Facoltà di Lugano, Scienze informatiche, Università della Svizzera italiana
Prof. Vanessa Wood	Department Informationstechnologie und Elektrotechnik, ETH Zürich

Output Data

Knowledge and technology transfer

927 Publications

877 Peer-reviewed articles 26 Not peer-reviewed articles
 11 Books 2 Reports 11 Anthology articles

2198 Presentations at congresses

84 Cooperations

1 Other 77 Research institutions
 6 Private sector

25 Transfer activities

14 Patents 2 Prototypes/porcesses
 2 Start-Ups 4 CTI-projects 3 Licences

Management/Coordination

Dr. Ilona Blatter
 ETH Zürich
 NCCR QSIT
 Laboratorium für Festkörperphysik
 Otto-Stern-Weg 1
 CH-8093 Zürich
 +41 44 633 63 06
www.nccr-qsit.ethz.ch

Prof. Hugo Zbinden
Prof. Dominik Zumbühl

GAP-Quantum Technologies, Université de Genève
Departement Physik, Universität Basel

Overview of all Research Projects

Participating Institutions

Universität Basel (10 groups)/Université de Genève (3 groups)/Università della Svizzera Italiana Lugano (1 group)/EPFL (2 groups)/ETH Zürich (15 groups)/IBM Research Laboratory Rueschlikon (2 groups)

Members of the Review Panel

Prof. Dirk van der Marel (Chair), SNF, Bern, CH
Prof. Alain Aspect, Laboratoire Charles Fabry, Institut d'Optique, Palaiseau, FR
Prof. Guenther Bauer, Institut für Halbleiter- und Festkörperphysik, Universität Linz, AT
Prof. Harald Brune, SNF, Bern, CH
Prof. Jacqueline Bloch, C2N-CNRS and UPSud, Marcoussis, FR
Prof. Juan Ignacio Cirac, Max-Planck Institut für Quantenoptik, Garching, DE
Prof. Friedrich Eisenbrand, SNF, Bern, CH
Prof. Elisabeth Giacobino, Laboratoire Kastler Brossel, Université Pierre et Marie Curie, Paris, FR
Prof. Leonid Glazman, Department of Physics, Yale University, New Haven, US
Prof. Charles M. Marcus, Niels Bohr Institutet, Københavns Universitet DK,
Prof. Elke Scheer, Fachbereich Physik, Universität Konstanz, DE
Prof. Gerd Schön, Institut für Theoretische Festkörperphysik, Karlsruher Institut für Technologie, DE

Key collaborations with third parties

Academia

L.D. Landau Institute of Theoretical Physics, RUS
Keio University Yokohama, ITOH group, JP
Istituto di Fotonica e Nanotecnologie, IT
Dept. of Physics, National University, SIN
Inst. für Theoretische Physik, University of Innsbruck, AT
Ecole normale supérieure, FR
Quantum optics laboratory, Harvard University, Cambridge, US
Theory Department, Lancaster University, UK
Department of material science, Tohoku University, JP
METAS Swiss Federal Office for Metrology, CH
Département de Physique, Université de Sherbrooke, CA
Angewandte Festkörperphysik, Ruhr-University Bochum, DE
Kavli Institute of NanoScience, Technische Universität Delft, NL
Fachhochschule Nordwestschweiz, Muttenz, CH
Ludwig-Maximilians Universität München, DE
Stanford University, Stanford, US
University of Texas, Austin, US
California Institute of Technology, CALTECH, Pasadena, US
National Institute for Material Science, Tsukuba, JP
NIST National Institute of Standards and Technology, Gaithersburg, MD, US

Private and public sector

Google, US
Microsoft Corporation, US
Corning, New York, US
ID Quantique, CH

Funding

Funding Source (CHF)	Total Phase 1 2011 - 2014	Total Phase 2 2015 - 2018	2015	2016	2017	2018	Phase 2 %
SNSF-funding ¹	17'301'437	20'635'375	5'602'451	5'412'924	4'900'000	4'720'000	32
Self-funding from Home Institutions ²	17'394'837	17'728'424	3'720'851	3'895'573	5'407'000	4'705'000	28
Self-funding from project participants	18'759'166	25'690'480	8'744'825	7'509'655	5'136'000	4'300'000	40
3rd party-funding	171'450	0	0	0	0	0	0
Total	53'626'890	64'054'279	18'068'127	16'818'152	15'443'000	13'725'000	100

¹ incl. funding of transfer projects (strong Swiss franc package) in 2012, compensation for PhD salaries increase in 2015 and 120% support-grant in 2014, 2015 and 2016.

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	FR	IT	CN	GB	
Research associates ⁴	4	0	3	0	0	0	0	0	1
Doctoral students	86	20	28	23	3	5	2	2	26
Postdoctoral students	47	4	7	11	9	2	1	4	14
Senior researchers ⁵	39	8	15	11	0	3	2	0	8
Management ⁶	4.94	50	5	6	0	0	2	0	3
Other staff	17	6	9	5	0	0	0	0	3
Total	197.94	14	67	56	12	10	7	6	55

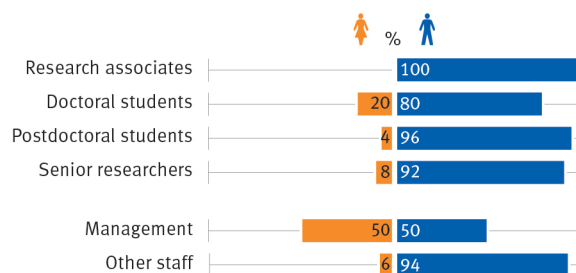
³ Persons involved in the NCCR in the last reporting period (12 months)

⁴ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

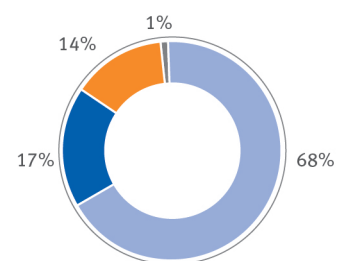
⁵ Including leaders of the individual projects and other organisational units of the NCCR

⁶ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

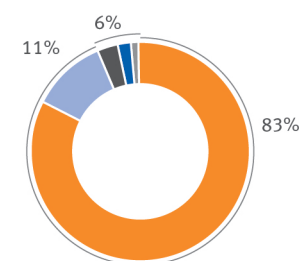


Training state of doctoral students



in progress	22
completed	28
continuation outside NCCR	107
dropout	1
Total	158

Next employer of doctoral and postdoctoral students



Academic sector	167
Private sector	23
Public sector	4
Other	1
None/not known	7
Total	202

NCCR RNA & Disease

The Role of RNA Biology in Disease Mechanisms



NCCR Director: Prof. Oliver Mühlemann, NCCR Co-Director: Prof. Frédéric Allain
Home Institutions: University of Bern, ETH Zurich
Start date: 1st of May 2014 (4th NCCR series)

Heads of Research Groups

Prof. Frédéric Allain	Departement Biologie, ETH Zürich
Prof. Nenad Ban	Departement Biologie, ETH Zürich
Prof. Marc Bühler	Friedrich Miescher Institut FMI Basel
Prof. Constance Ciaudo	Departement Biologie, ETH Zürich
Prof. David Gatfield	Faculté de biologie et de médecine, Université de Lausanne
Dr. Helge Grosshans	Friedrich Miescher Institut FMI Basel
Prof. Jonathan Hall	Dept. Chemie und Angewandte Biowissenschaften, ETH Zürich
Prof. Michael Hall	Biozentrum, Universität Basel
Prof. Martin Jinek	Biochemisches Institut, Universität Zürich
Prof. Rory Johnson	Departement Kinische Forschung, Universität Bern
Prof. Ulrike Kutay	Departement Biologie, ETH Zürich
Prof. Joachim Lingner	SV ISREC, EPFL
Prof. Oliver Mühlemann	Departement für Chemie und Biochemie, Universität Bern
Prof. Ana-Claudia Marques	Département de Physiologie, Université de Lausanne
Prof. Mariusz Nowacki	Institut für Zellbiologie, Universität Bern
Prof. Norbert Polacek	Departement für Chemie und Biochemie, Universität Bern
Prof. Magdalini Polymenidou	Institut für Molekulare Biologie, Universität Zürich
Prof. André Schneider	Departement für Chemie und Biochemie, Universität Bern
Prof. Daniel Schümperli (em.)	Institut für Zellbiologie, Universität Bern
Prof. Markus Stoffel	Departement Biologie, ETH Zürich
Prof. Mihaela Zavolan	Biozentrum, Universität Basel

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

24 Publications

24 Peer-reviewed articles

100 Presentations at congresses

10 Cooperations

2 Private sector 1 Research institution

7 Others

1 Transfer activity

1 Patent

Management/Coordination

Dr. Larissa Grolimund
Dr. Dominik Theler
NCCR RNA & Disease
Departement für Chemie & Biochemie
Universität Bern
Freiestrasse 3
CH-3012 Bern
+41 31 631 38 12

www.nccr-rna-and-disease.ch

Participating Institutions

Universität Bern (5 groups)/ETH Zürich (6 groups)/Universität Basel (2 groups)
 Friedrich Miescher Institut FMI (2 groups)/EPFL (1 group)/Universität Zürich (2 groups)
 Université de Lausanne (2 groups)

Members of the Review Panel

Prof. Andreas Meyer (Chair), SNF, Bern, CH
 Prof. Javier F. Caceres, Institute of Genetics and Molecular Medicine, University of Edinburgh, UK
 Prof. Thomas A. Cooper, Department of Pathology and Immunology, Baylor College of Medicine, US
 Prof. Bryan R. Cullen, Department of Molecular Genetics and Microbiology, Duke University Medical Center, US
 Prof. Fátima Gebauer, Centre for Genomic Regulation, Barcelona, ES
 Prof. Michael O. Hottiger, SNF, Bern, CH
 Prof. Elisa Izaurralde, Max-Planck-Institute für Entwicklungsbiologie, DE
 Prof. Bertrand Séraphin, IGBMC, CNRS, Illkirch, FR
 Prof. Maurice S. Swanson, Department of Molecular Genetics a. Microbiology, University of Florida, US
 Prof. Didier Trono, SNF, Bern, CH

Key collaborations with third parties

Academia

Fondation Dufloteau, Zürich, CH
 Hofmann-La Roche, Reinach, CH
 Holcim Stiftung zur Förderung der wissenschaftlichen Forschung, Holderbank, CH
 NOMIS Foundation, Samedan, CH
 Novartis, Basel, CH
 Promedica Stiftung, Chur, CH
 Schweizerische Stiftung für die Erforschung der Muskelkrankheiten, SSEM, Cortaillod, CH
 T3 Pharmaceuticals AG, Basel, CH
 Swiss reference center for porphyrias, Triemli Hospital, Zurich, CH

Funding

Funding Source (CHF)	Total Phase 1	2014	2015	2016	2017	Phase 1 %
	2014 – 2017					
SNSF-funding ¹	16'691'422	3'705'907	4'055'735	4'430'780	4'499'000	42
Self-funding from Home Institutions ²	13'410'000	2'720'000	3'300'000	3'770'000	3'620'000	34
Self-funding from project participants	9'031'372	2'581'673	2'556'699	1'963'000	1'930'000	23
3rd party-funding	732'000	266'769	345'008	120'222	0	2
Total	39'864'793	9'274'349	10'257'442	10'284'002	10'049'000	100

¹ incl. 120% support-grant in 2014 and 2015 and Doc-Mobility in Year 2

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				DE	FR	IN	PL	AT	
Research associates ⁴	1	100	0	0	0	0	0	0	1
Doctoral students	32	56	11	4	3	2	1	3	8
Postdoctoral students	37	30	3	4	3	9	3	1	14
Senior researchers ⁵	44	18	10	10	8	1	1	1	14
Management ⁶	3.58	45	6	0	1	0	0	1	3
Other staff	31	74	14	6	4	0	1	0	7
Total	148.58	42	44	24	19	12	6	6	47

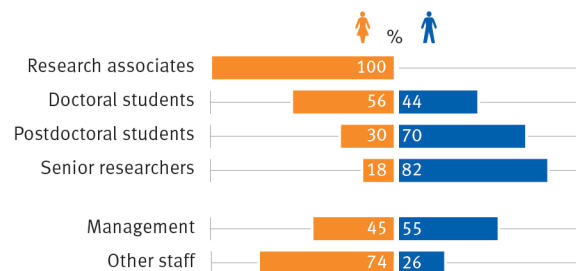
³ Persons involved in the NCCR in the last reporting period (12 months)

⁴ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

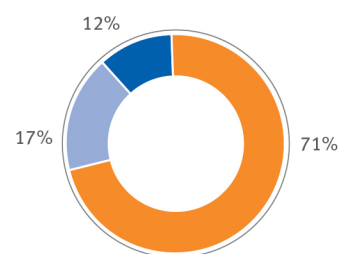
⁵ Including leaders of the individual projects and other organisational units of the NCCR

⁶ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

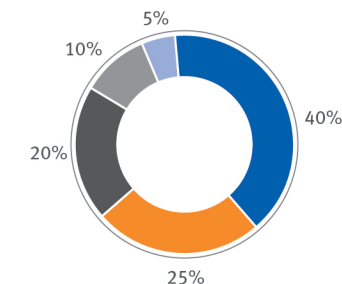


Training state of doctoral students



in progress	25
completed	4
continuation outside NCCR	6
dropout	0
Total	35

Next employer of doctoral and postdoctoral students



Academic sector	5
Private sector	1
Public sector	8
Other	2
None/not known	4
Total	20

NCCR Robotics

Intelligent Robots for Improving the Quality of Life

NCCR Director: Prof. Dario Floreano, NCCR Co-Director: Prof. Robert Riener
Home Institutions: EPFL, ETH Zurich
Start date: 1st of December 2010 (3rd NCCR series)

Heads of Research Groups

Prof. David Atienza	Embedded Systems Laboratory (ESL), EPFL
Prof. Aude Billard	Laboratory of Learning Algorithms and Systems (LASA), EPFL
Prof. Olaf Blanke	Cognitive Neuroscience Brain-Mind Institute (INCO), EPFL
Prof. Jonas Buchli	Agile and Dexterous Robotics Lab (ADRL), ETH Zürich
Prof. Grégoire Courtine	Chair in Spinal Cord Repair (IRP), EPFL
Prof. Tobias Delbruck	Institut für Neuroinformatik, Universität Zürich, ETH Zürich
Prof. Pierre Dillenbourg	Computer Human Interaction in learning and instruction (CHILI), EPFL
Prof. Dario Floreano	Laboratory of Intelligent Systems (LIS), EPFL
Prof. Luca Gambardella	Dalle Molle Institute for Artificial Intelligence (IDSIA)
Prof. Roger Gassert	RELab, ETH Zürich
Prof. Marco Hutter	Robotics Systems Lab (RSL), ETH Zürich
Prof. Auke Ijspeert	BIORob, EPFL
Prof. Stéphanie Lacour	Laboratory for Soft Bioelectronic Interfaces (LSBI), EPFL
Prof. Silvestro Micera	Translational Neural Engineering Lab (TNE), EPFL
Prof. José Millán	DEFITECH Chair in Brain-Machine Interface CNBI, EPFL
Prof. Francesco Mondada	Laboratory of Robotics Systems (LSRO), EPFL
Prof. Jamie Paik	Reconfigurable Robotics Laboratory (RRL), EPFL
Prof. Robert Riener	Sensory Motor Systems Lab (SMS), ETH Zürich
Prof. Davide Scaramuzza	Robotics and Perception Group (RPG), Universität Zürich
Prof. Roland Siegwart	Autonomous Systems Lab (ASL), ETH Zürich

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

559 Publications

465 Peer-reviewed articles 45 Not peer-reviewed articles
14 Books 20 Reports 15 Anthology articles

693 Presentations at congresses

103 Cooperations

27 Private sector 72 Research institutions
4 Others

102 Transfer activities

13 Start-Ups 54 Prototype 5 Licences
8 CTI-projects 22 Patents

Management/Coordination

Dr. Jan Kerschgens
EPFL-STI-PRN-ROBOTICS
eMBA, MED 115 26, Station 9
CH-1015 Lausanne
+41 21 693 01 78
www.nccr-robotics.ch

Participating Institutions

Universität Zürich (1 group)/EPFL (12 groups)/ETH Zürich (6 groups)
Dalle Molle Institute for Artificial Intelligence IDSIA, Manno (1 group)

Members of the Review Panel

Prof. Philippe Rudolf von Rohr (Chair), SNF, Bern, CH
 Prof. Rüdiger Dillmann Institut für Anthropomatik und Robotik, Karlsruhe Institut für Technologie, DE
 Prof. Robert J. Full, Department of Integrative Biology, University of California at Berkeley, US
 Prof. Martin Hägele, Fraunhofer-Institut für Produktionstechnik und Automatisierung PIA, DE
 Prof. William Harwin, School of Systems Engineering, University of Reading, UK
 Prof. Katherine J. Kuchenbecker, Haptics Group, GRASP Lab, University of Pennsylvania, US
 Prof. David J. Reinkensmeyer, Biorobotics Laboratory, Department of Mechanical and Aerospace Engineering, University of California at Irvine, US
 Prof. Lothar Thiele, SNF, Bern, CH
 Prof. Carme Torras, Institut de Robòtica i Informàtica Industrial (CSIC-UPC), ES
 Prof. Dirk van der Marel, SNF, Bern, CH
 Prof. Alan Winfield, Faculty of Environment and Technology, UWE Bristol, UK

Key collaborations with third parties

Academia

BioMinimetric Millisystems Lab, UC Berkeley, US
 Biorobotics Institute, SSSA, IT
 Delft Biorobotics Lab, TU Delft, NL
 DLR, Deutsches Zentrum für Luft- und Raumfahrt, DLR, DE
 Dynamic legged systems Lab, Advanced Italian Institute of Technology, Genova, IT
 IST, Lisbon TG
 NEUWalk (EU-FP7)
 Service de Gériatrie, Centre Hospitalier Universitaire Vaudois CHUV, Lausanne, CH
 Spinal Cord Injury Center, University Hospital Balgrist, Zürich, CH

Economy/Other

Clinique romande de réadaptation CRR, Schweizerische Unfallversicherungsanstalt SUVA, Sion, CH
 Hocoma AG, Volketswil, CH
 Inilabs GmbH, Zürich, CH
 Zürcher Höhenklinik Wald, Wald, CH

Funding

Funding source (CHF)	Total Phase 1 2010 – 2013	Total Phase 2 2014 – 2017	2014	2015	2016	2017	Phase 2 %
SNSF-funding ¹	13'300'000	15'386'023	4'351'023	4'260'000	4'115'000	2'660'000	49
Self-funding from Home Institutions ²	6'126'703	10'580'362	1'595'124	2'840'536	3'057'401	3'087'301	33
Self-funding from project participants	10'387'838	5'773'970	1'329'456	1'288'514	1'578'000	1'578'000	18
3rd party-funding	115'360	0	0	0	0	0	0
Total	29'929'901	31'740'355	7'275'603	8'389'050	8'750'401	7'325'301	100

¹ incl. compensation for PhD salaries increase in 2014

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

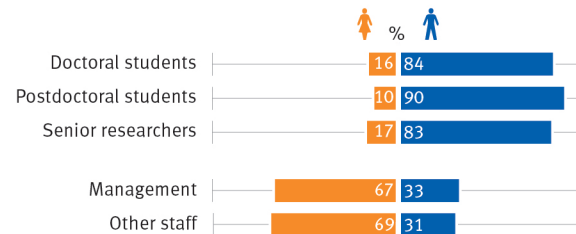
Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				FR	DE	IT	IR	US	
Doctoral students	45	16	12	8	6	2	2	0	15
Postdoctoral students	10	10	2	2	0	1	0	1	4
Senior researchers ⁴	23	17	7	2	3	5	0	1	5
Management ⁵	4.18	67	3	2	2	1	0	0	2
Other staff	26	69	14	2	2	0	2	2	4
Total	108.18	32	38	16	13	9	4	4	30

³ Persons involved in the NCCR in the last reporting period (12 months)

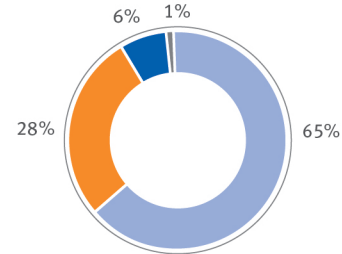
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

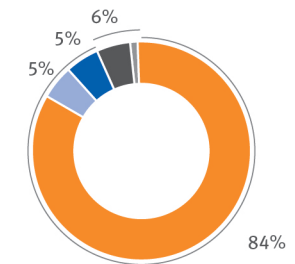


Training state of doctoral students



in progress	33
completed	8
continuation outside NCCR	78
dropout	1
Total	120

Next employer of doctoral and postdoctoral students



Academic sector	110
Private sector	6
Public sector	7
Other	1
None/not known	7
Total	131

NCCR Director: Prof. Stanislav Smirnov, NCCR Co-Director: Prof. Giovanni Felder
Home Institutions: University of Geneva, ETH Zurich
Start date: 1st of July 2014 (4th NCCR series)

Heads of Research Groups

Prof. Anton Alekseev	Section de Mathématiques, Université de Genève
Prof. Niklas Beisert	Institut für Theoretische Physik, ETH Zurich
Prof. Anna Beliakova	Institut für Mathematik, Universität Zürich
Prof. Matthias Blau	Institut für Theoretische Physik, Universität Bern
Prof. Erwin Bolthausen	Institut für Mathematik, Universität Zürich
Prof. Alberto Cattaneo	Institut für Mathematik, Universität Zürich
Prof. Hugo Duminil-Copin	Section de Mathématiques, Université de Genève
Prof. Ruth Durrer	Département de Physique Théorique, Université de Genève
Prof. Jean-Pierre Eckmann	Département de Physique Théorique, Université de Genève
Prof. Giovanni Felder	Departement Mathematik, ETH Zurich
Prof. Jürg Fröhlich	Institut für Theoretische Physik, ETH Zurich
Prof. Matthias Gaberdiel	Institut für Theoretische Physik, ETH Zurich
Prof. Gian Michele Graf	Institut für Theoretische Physik, ETH Zurich
Prof. Clément Hongler	Section de Mathématiques, EPFL
Prof. Rinat Kashaev	Section de Mathématiques, Université de Genève
Prof. Christoph Keller	Departement Mathematik, ETH Zurich
Prof. Horst Knoerr	Departement Mathematik, ETH Zurich
Prof. Antti Knowles	Section de Mathématiques, Université de Genève
Prof. Wolfgang Lerche	Theory Division, CERN
Prof. Michele Maggiore	Département de Physique Théorique, Université de Genève
Prof. Ioan Manolescu	Département de Mathématiques, Université de Fribourg
Prof. Marcos Mariño Beiras	Section de Mathématiques et Département de Physique Théorique, Université de Genève
Prof. Grigory Mikhalkin	Section de Mathématiques, Université de Genève
Prof. Pierre Nolin	Departement Mathematik, ETH Zurich
Prof. Rahul Pandharipande	Departement Mathematik, ETH Zurich
Prof. Tudor Ratiu	Section de Mathématiques, EPFL
Prof. Riccardo Rattazzi	Theoretical Particle Physics Laboratory, EPFL
Prof. Susanne Reffert	Institut für Theoretische Physik, Universität Bern
Prof. Vyacheslav Rychkov	Theory Division, CERN
Prof. Benjamin Schlein	Institut für Mathematik, Universität Zürich
Prof. Stanislav Smirnov	Section de Mathématiques, Université de Genève
Prof. Julian Sonner	Département de Physique Théorique, Université de Genève
Prof. Eugene Sukhorukov	Département de Physique Théorique, Université de Genève
Prof. Andras Szenes	Section de Mathématiques, Université de Genève
Prof. Alain-Sol Sznitman	Departement Mathematik, ETH Zurich

Output Data Knowledge and technology transfer

196 Publications

193 Peer-reviewed articles **2 Books**
1 Report

421 Presentations at congresses

27 Cooperations

6 Programmes **21 Research institutions**

Management / Coordination

Dr. Maria Podkopaeva
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Prof. Yvan Velenik
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 Prof. Peter Wittwer

Section de Mathématiques, Université de Genève
 Departement Mathematik, ETH Zurich
 Departement Mathematik, ETH Zurich
 Section de Mathématiques, Université de Genève

[Overview of all Research Projects](#)

Participating Institutions

Universität Bern (2 groups)/Université de Fribourg (1 group)/Université de Genève (15 groups)
 Universität Zürich (4 groups)/EPFL (3 groups)/ETH Zurich (12 groups)/CERN (2 groups)

Members of the Review Panel

Prof. Friedrich Eisenbrand (Chair), SNF, Bern, CH
 Prof. Eva Bayer-Flückiger, SNF, Bern, CH
 Prof. François David, Institut de Physique Théorique, CEA/DSM/IPhT, FR
 Prof. Krzysztof Gawedzki, Ecole Normale Supérieure, FR
 Prof. Peter Goddard, School of Natural Sciences, Institute for Advanced Study, US
 Prof. Alice Guionnet, Unité de Mathématiques Pures et Appliquées, Ecole Normale Supérieure de Lyon, FR
 Prof. Daniel Huybrechts, Institut für Mathematik, Universität Bonn, DE
 Prof. Frank Scheffold, SNF, Bern, CH
 Prof. Herbert Spohn, Zentrum Mathematik, TU München, DE
 Prof. Michèle Vergne, Institut de Mathématiques de Jussieu, CNRS, FR

Key collaborations with third parties

Academia

Massachusetts Institute of Technology, US
 Columbia University, US
 Cornell University, US
 University of Chicago, US
 University of Michigan, US
 University of British Columbia, CA
 University of Toronto, CA
 Institut de Physique Théorique, CEA-Saclay, FR
 Université Paris-7, FR
 Université Claude Bernard Lyon 1, FR
 University of Cambridge, UK
 University of Oxford, UK
 University of Loughborough, UK
 University of Helsinki, FI
 Lund University, SE
 Technion - Israel Institute of Technology, IL
 Hebrew University of Jerusalem, IL
 HRI Allahabad, IN
 University of Chicago, US
 University of Michigan, US

Funding

Funding Source (CHF)	Total Phase 1 2014 – 2017	2014	2015	2016	2017	Phase 1 %
SNSF-funding	11'200'000	2'300'000	2'900'000	3'000'000	3'000'000	40
Self-funding from Home Institutions ¹	6'900'000	1'355'000	1'615'000	1'715'000	2'215'000	25
Self-funding from project participants	9'840'638	2'274'399	2'598'239	2'484'000	2'484'000	35
3rd party-funding	0	0	0	0	0	0
Total	27'940'638	5'929'399	7'113'239	7'199'000	7'699'000	100

¹ Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ²	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				IT	RU	DE	FR	CN	
Research associates ³	15	33	10	0	1	0	4	0	1
Doctoral students	72	21	15	8	12	9	4	5	21
Postdoctoral students	41	15	1	7	3	3	6	7	14
Senior researchers ⁴	61	8	18	7	7	9	4	0	22
Management ⁵	5.27	50	1	1	4	1	1	0	4
Other Staff	1	100	8	1	0	0	0	0	0
Total	195.27	19	53	24	27	22	19	12	62

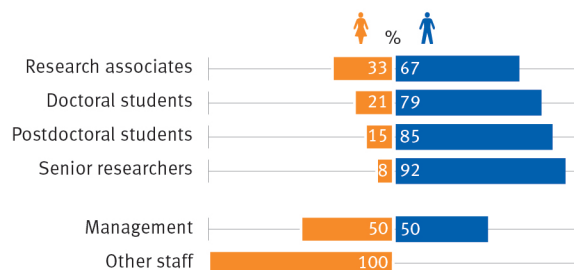
² Persons involved in the NCCR in the last reporting period (12 months)

³ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

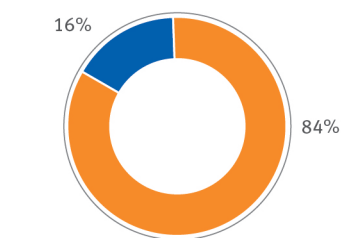
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

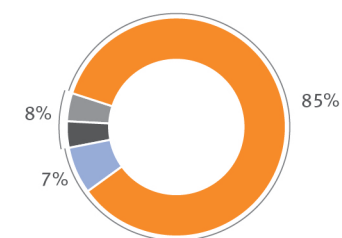


Training state of doctoral students



in progress	63
completed	12
continuation outside NCCR	0
dropout	0
Total	75

Next employer of doctoral and postdoctoral students



Academic sector	23
Private sector	2
Public sector	0
Other	1
None/not known	1
Total	27

NCCR SYNAPSY

The synaptic bases of mental diseases



NCCR Director: Prof. Alexandre Dayer, NCCR Co-Director: Prof. Pierre Magistretti
 Home Institutions: University of Geneva, EPFL, University of Lausanne
 Start date: 1st of October 2010 (3rd NCCR series)

Heads of Research Groups

Prof. François Ansermet	Psychiatrie de l'enfant et de l'adolescent, HUG-Hôpitaux Universitaires de Genève
Prof. Stylianos E. Antonarakis	Département de médecine génétique et développement, Université de Genève et HUG-Hôpitaux Universitaires de Genève
Prof. Jean-Michel Aubry	Service de Psychiatrie générale et Programme troubles de l'humeur, HUG-Hôpitaux Universitaires de Genève
Prof. Claudia Bagni	Département des neurosciences fondamentales (DNF) CHUV-Université de Lausanne
Prof. Camilla Bellone	Département des neurosciences fondamentales (NEUFO) Université de Genève, Faculté de biologie et médecine
Prof. Bernhard Bettler	Departement Biomedizin, Universität Basel
Prof. Paola Bezzi	Département des neurosciences fondamentales (DNF), Université de Lausanne, Faculté de biologie et médecine
Prof. Olaf Blanke	Brain Mind Institute, EPFL
Prof. Alan Carleton	Département des neurosciences fondamentales (NEUFO), Université de Genève, Faculté de biologie et médecine
Prof. Pico Caroni	Friedrich Miescher Institute for Biomedical Research, Universität Basel
Prof. Stephanie Clarke	Neuropsychologie et neuro-réhabilitation, CHUV-Université de Lausanne,
Prof. Philippe Conus	Service de Psychiatrie générale, Clinique psychiatrique universitaire, Cery-CHUV Lausanne
Prof. Alexandre Dayer	Département des neurosciences fondamentales (NEUFO), Université de Genève, Faculté de biologie et médecine
Prof. Kim Do	Centre de neurosciences psychiatriques, Unité de recherche sur la schizophrénie, Cery-CHUV Lausanne
Prof. Bogdan Draganski	Département des neurosciences cliniques, CHUV-UNI Lausanne
Prof. Stephan Eliez	Office médico-pédagogique, Université de Genève
Prof. Johannes Gräff	Brain Mind Institute, EPFL
Prof. Patric Hagmann	Service de radiodiagnostic et radiologie interventionnelle, CHUV-Université de Lausanne
Prof. Michael Herzog	Brain Mind Institute, EPFL
Prof. Kathryn Hess Bellwald	Faculté des sciences de base, EPFL, Brain Mind Institute, EPFL
Prof. Anthony Holtmaat	Département des neurosciences fondamentales (NEUFO), Université de Genève, Faculté de biologie et médecine

Output Data

Knowledge and technology transfer

94 Publications

93 Peer-reviewed articles **1 Anthology article**

101 Presentations at congresses

36 Cooperations

2 Private sector **30 Research institutions**

4 Others

Management/Coordination

Dr. Anouchka Junod-Pickenhagen
 NCCR Synapsy
 Campus Biotech #B3
 CH-1202 Genève
 +41 22 379 11 21
www.nccr-synapsy.ch

Prof. Christian Lüscher	Département des neurosciences fondamentales (NEUFO), Université de Genève, Faculté de biologie et médecine
Prof. Andreas Lüthi	Friedrich Miescher Institute for Biomedical Research, Universität Basel
Prof. Pierre Magistretti	Brain Mind Institute, EPFL
Prof. Pierre Marquet	Unité mixte internationale en neurodéveloppement et psychiatrie infantile, Dept. Psychiatrie-CHUV, Université de Lausanne et Université Laval; Département de psychiatrie et neuroscience, Université Laval, Québec, Canada
Prof. Christoph Michel	Département des neurosciences fondamentales (NEUFO), Université de Genève, Faculté de biologie et médecine
Prof. Micah Murray	Center for Biomedical Imaging, CHUV, Université de Lausanne
Prof. Martin Preisig	Clinique psychiatrique universitaire, Cery-CHUV Lausanne
Prof. Carmen Sandi	Brain Mind Institute, EPFL
Prof. Marie Schaar	Office médico-pédagogique, Université de Genève
Dr. Daniel Schechter	Psychiatrie de l'enfant et de l'adolescent, HUG-Hôpitaux Universitaires de Genève
Prof. Peter Scheiffele	Biozentrum, Universität Basel
Prof. Ralf Schneggenburger	Brain Mind Institute, EPFL
Prof. Andrea Volterra	Département des neurosciences fondamentales (DNF), CHUV- Université de Lausanne

[Overview of all Research Projects](#)

Participating Institutions

Universität Basel/Friedrich-Miescher-Institut (4 groups)/Université de Genève
HUG Genève (11 groups)/Université de Lausanne/CHUV Lausanne (6 groups)/EPFL (7 groups)

Members of the Review Panel

Prof. Michael Hottiger (Chair), SNF, Bern, CH
Prof. Wade Berrettini, Center for Neurobiology and Behavior, University of Pennsylvania School of
Medicine, US
Prof. Jamel Chelly, Institut de génétique et de biologie moléculaire et cellulaire, Illkirch, FR
Prof. Joseph Thomas Coyle, McLean Hospital a Harvard Medical School Affiliate, US
Prof. Takao K. Hensch, Department Molecular & Cellular Biology, Department Neurology, Center for
Brain Science, Harvard University, US
Prof. Helmut Kettenmann, Max Delbrück-Centrum für Molekulare Medizin, Berlin, DE
Prof. Julio Licinio, South Australian Health and Medical Research Institute, School of Medicine, AU
Prof. Robert C. Malenka, Stanford University School of Medicine, US
Prof. Isabelle Mansuy, SNF, Bern, CH
Prof. Hanns Ulrich Zeilhofer, SNF, Bern, CH

Key collaborations with third parties

Academia

Albert Einstein College of Medicine, Department of Genetics,
New York, US
Alexander Fleming Biomedical Sciences Research Center,
Institute of Immunology, Vari, GR
Bourgogne University, Laboratoire d'Etude de l'Apprentissage et du
Développement, Dijon, FR
Central Institute of Mental Health, Psychiatry and Psychotherapy
Research Group, Mannheim, DE
Charité Universitätsmedizin, Department of Psychiatry, Berlin, DE
EPFL, Signal Processing Lab, Lausanne, CH
University of Geneva, Medical Image Processing Lab, Geneva, CH
Max Planck Institute for Human Cognitive and Brain Sciences,
Leipzig, DE
National Institutes of Health, Eunice Kennedy Shriver National
Institute of Child Health and Human Development, Bethesda, US
National Institute of Mental Health, Genetic Epidemiology Research
Branch, Bethesda, US
Tbilisi State Medical University, Department of Psychiatry,
Tbilisi, GE
UCL, Wellcome Trust Centre for Neuroimaging, London, UK
University College Cork, Department of Anatomy and Neuroscience,
Cork, IE
University of Freiburg, Institute of Physiology, Freiburg, DE
University Hospital Zürich, Clinic for affective disorders and general
psychiatry, Zürich, CH
University of Bremen, Department of Psychiatry, Bremen, DE
University of North Carolina School of Medicine, Department of
Pharmacology, Chapel Hill, US
University of Saarland, Institute of Physiology, Homburg, DE
University of Zürich, Department of Psychiatry, Psychotherapy and
Psychosomatics, Zürich, CH

Public and private sector

Experimental Therapeutics Centre Singapore, Kassoum
Nacro, SG
F. Hoffman-La Roche Ltd, Basel, CH
Fondation Alamaya, La Tour-de-Peilz, CH
Fondation Damm-Etienne, Montreux, CH
Fondation Pôle Autisme, Geneva, CH
Fonds de recherche de l'Unité de recherche sur la schizophrénie
(URS), Lausanne, CH

Funding

Funding Source (CHF)	Total Phase 1 2010 - 2013	Total Phase 2 2014 - 2017	2014	2015	2016	2017	Phase 2 %
SNSF-funding ¹	17'480'000	17'513'890	4'695'890	4'662'000	4'660'000	3'496'000	33
Self-funding from Home Institutions ²	14'144'189	13'630'984	3'250'658	4'729'326	2'940'500	2'710'500	26
Self-funding from project participants	15'637'967	20'605'804	6'072'488	5'369'102	4'582'107	4'582'107	39
3rd party-funding	2'254'204	878'121	387'462	490'659	0	0	2
Total	49'516'360	52'628'799	14'406'498	15'251'087	12'182'607	10'788'607	100

¹ incl. compensation for PhD salaries increase in 2014

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				FR	IT	DE	IN	GB	
Research associates ⁴	12	83	5	1	1	1	0	0	4
Doctoral students	33	55	13	3	5	3	3	1	6
Postdoctoral students	39	64	11	1	8	0	3	1	17
Senior researchers ⁵	66	29	31	9	9	5	0	2	14
Management ⁶	4.37	56	7	1	0	0	1	0	1
Other staff	54	83	30	10	1	4	0	2	9
Total	208.37	57	97	25	24	13	7	6	51

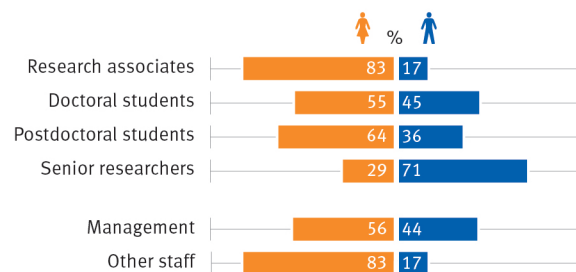
³ Persons involved in the NCCR in the last reporting period (12 months)

⁴ Includes graduate scientists (level master) but not registered as PhD students or undergraduate students participating in research projects.

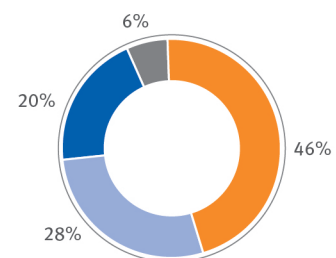
⁵ Including leaders of the individual projects and other organisational units of the NCCR

⁶ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

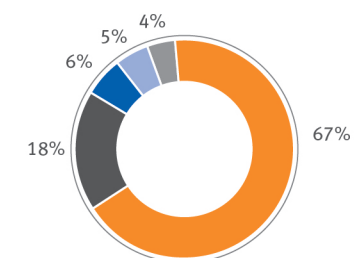


Training state of doctoral students



in progress	32
completed	14
continuation outside NCCR	19
dropout	4
Total	69

Next employer doctoral and postdoctoral students



Academic sector	54
Private sector	4
Public sector	5
Other	3
None/not known	14
Total	80

NCCR TransCure

From transport physiology to identification of therapeutic targets



NCCR Director: Prof. Hugues Abriel
 Home Institution: University of Bern
 Start date: 1st of November 2010 (3rd NCCR series)

Heads of Research Groups

Prof. Hugues Abriel	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Christiane Albrecht	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Karl-Heinz Altmann	Institut für Pharmazeutische Wissenschaften, ETH Zürich
Dr. Paola Bezzi	Département des neurosciences fondamentales, Université de Lausanne
Prof. Murielle Bochud	Institut Universitaire de Médecine Sociale et Préventive, Université de Lausanne
Prof Roch-Phillippe Charles	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Raimund Dutzler	Biochemisches Institut, Universität Zürich
Prof. Dimitrios J. Fotiadis	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Daniel G. Fuster	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Jürg Gertsch	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Matthias A. Hediger	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Wilhelm Hofstetter	Departement Klinische Forschung, Universität Bern
Prof. Kaspar Locher	Institut für Molekulare Biologie und Biophysik, ETH Zürich
Prof. Martin Lochner	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Christine Peinelt	Institut für Biochemie und Molekulare Medizin, Universität Bern
Prof. Jean-Louis Reymond	Institut für Chemie und Biochemie, Universität Bern
Prof. Henning Stahlberg	Biozentrum, Universität Basel
Prof. Bruno Stieger	Abteilung für Klinische Pharmakologie und Toxikologie, Universitätsspital Zürich
Prof. Andrea Volterra	Département des neurosciences fondamentales, Université de Lausanne

[Overview of all Research Projects](#)

Output Data

Knowledge and technology transfer

208 Publications
 179 Peer-reviewed articles 16 Not peer-reviewed articles
 3 Books 4 Anthology articles 6 Reports

190 Presentations at congresses

75 Cooperations
 68 Research institutions 1 Other
 6 Private sector

3 Transfer activities
 2 Patents 1 CTI-project

Management/Coordination

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 Murtenstrasse 35
 CH-3012 Bern
 +41 31 632 09 95
www.nccr-transcure.ch

Participating Institutions

Universität Basel (1 group)/Universität Bern (11 groups)/Université de Lausanne (3 groups)
Universität Zürich (2 groups)/ETH Zürich (2 groups)

Members of the Review Panel

Prof. Katharina Fromm (Chair), SNF, Bern, CH
Prof. Ruben Abagyan, School of Pharmacy & Pharmaceutical Sciences, University of California, US
Prof. Seth L. Alper, Renal Division and Molecular and Vascular Medicine Unit, US
Prof. Susan Bates, Center for Cancer Research, National Cancer Institute, US
Prof. Dennis A. Dougherty, Division of Chemistry and Chemical Engineering, California Institute of Technology, US
Prof. Michael Detmar, SNF, Bern, CH
Prof. Andreas Mayer, SNF, Bern, CH
Prof. Jeanne M. Nerbonne, Division of Biology and Biomedical Sciences, Washington University, US
Prof. Lutz Schmitt, Lehrstuhl für Biochemie, Heinrich Heine Universität, Düsseldorf, DE
Prof. Hans Ulrich Stilz, Academic Partnerships, Novo Nordisk A/S, DK
Prof. Hendrik van Veen, Department of Pharmacology, University of Cambridge, UK
Prof. Da-Neng Wang, Skirball Institute of Biomolecular Medicine, New York University School, US

Key collaborations with third parties

Academia

Biomolecular Screening Facility, École polytechnique fédérale de Lausanne (EPFL), CH
Departments of Pharmacology and Systems, Icahn School of Medicine at Mount Sinai, New York, US
Computational Biomolecular Dynamics Group, MPI for Biophysical Chemistry, Göttingen, DE
Department of Behavioral Sciences, University of Ariel, Ariel, IL
Department of Biochemistry and Biophysics, Stockholm University, Stockholm, SWE
Department of Chemistry, Washington State University, Washington, US
Department of Neuroscience, Columbia University, New York, US
Department of Pharmaceutical Chemistry, University of Vienna, Vienna, AT
Department of Pharmacology, University of Warwick, Coventry, UK
Department of Physiology, Johns Hopkins University, Baltimore, US
Department of Surgery & Cancer, Imperial College, London, UK
Heart Institute, University of Ottawa, Ottawa, CA
IFP TransCure, Marie Curie, European Commission/FP7
Institut du Thorax, Université de Nantes, Nantes, FR
Institute for Research in Biomedicine, University of Barcelona, Barcelona, ES
Institute of Pharmacy, University of Regensburg, Regensburg, DE
Membrane Research Group, Hungarian Academy of Sciences, Budapest, HU
Division of Child Health, Obstetrics & Gynaecology, University of Nottingham, Nottingham, UK

Economy/Others

Dr. August Wolff GmbH, Bielefeld, DE
F. Hoffmann - La Roche Ltd, Basel, CH
Swiss Multiple Sclerosis Foundation, Zürich, CH
Novartis, Basel, CH

Funding

Funding Source (CHF)	Total Phase 1 2010 - 2013	Total Phase 2 2014 - 2017	2014	2015	2016	2017	Phase 2 %
SNSF-funding ¹	14'155'000	11'764'092	3'061'092	3'041'000	2'831'000	2'831'000	44
Self-funding from Home Institution ²	4'590'667	4'486'911	1'114'234	1'144'229	1'102'251	1'126'197	17
Self-funding from project participants	13'846'209	10'629'492	2'809'941	2'791'359	2'813'192	2'215'000	39
3rd party-funding	335'080	106'259	106'259	0	0	0	0
Total	32'926'956	26'986'754	7'091'526	6'976'588	6'746'443	6'172'197	100

¹ incl. compensation for PhD salaries increase in 2014 and 120% support-grant in 2015

² Personnel costs, equipment and consumables, not included infrastructure and basic equipment

Persons involved

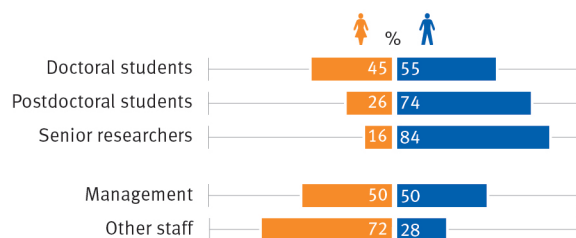
Personnel ³	Total of persons	Female %	CH	Top 5 – Most represented nations					Other nations
				IT	DE	FR	IN	AT	
Doctoral students	22	45	10	3	2	4	1	1	2
Postdoctoral students	35	26	6	7	4	2	3	1	14
Senior researchers ⁴	25	16	15	4	4	2	0	1	1
Management ⁵	2.41	50	4	2	1	0	0	0	0
Other staff	18	72	15	0	1	0	1	0	1
Total	102.41	37	50	16	12	8	5	3	18

³ Persons involved in the NCCR in the last reporting period (12 months)

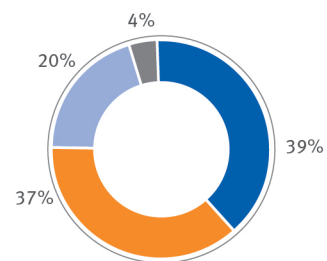
⁴ Including leaders of the individual projects and other organisational units of the NCCR

⁵ Full-time equivalent, including NCCR-Director and persons in charge of knowledge and technology transfer, equal opportunities, communication and education and training

Gender in the NCCR

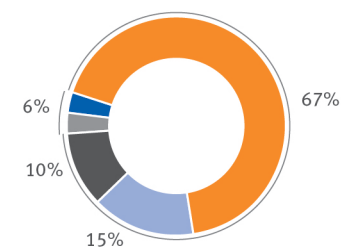


Training state of doctoral students



in progress	18
completed	19
continuation outside NCCR	10
dropout	2
Total	49

Next employer of doctoral and postdoctoral students



Academic sector	62
Private sector	14
Public sector	3
Other	3
None/not known	10
Total	92

Impressum

The brochure "Guide" presents an overview on the currently running NCCRs. The statistical data is based on the latest progress reports of the NCCRs submitted during 2016. It is updated every year and can be downloaded as a pdf on our website: www.snsf.ch/Publications

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