

First funding period: 2001 - 2005

Clusters	Project title (per 2005)	Leader (name)	Surname	Institute	Institution
Basic cancer research	Signaling pathways important in breast development	Briskin	Cathrin	Institut Suisse de Recherche Expérimentale sur le Cancer	ISREC, Epalinges
Basic cancer research	The control of adult tissue homeostasis and cancerogenesis	Hülken	Jörg	Institut Suisse de Recherche, Expérimentale sur le Cancer	ISREC, Epalinges
Translational cancer research	Tumor specific gene expression	Deka	Jürgen	Inst. de Pathologie	ISREC, Epalinges
Translational cancer research	Genetic dissection of signalling pathways important in the response to breast cancer	Iggo	Richard	Institut Suisse de Recherche Expérimentale sur le Cancer	ISREC, Epalinges
Translational cancer research	Expression profiling with micro arrays: ERBB Signalling network in human breast cancer	Eppenberger	Urs	Biomolekulare Tumordiagnostik	Stiftung Tumorbank, Basel
Translational cancer research	cDNA Microarray technology: a potential prognostic and predictive tool for the improved management of node-negative breast cancer	Sotiriou	Christos	Institut Bordet,	Free University of Brussels, Belgium
Translational cancer research	Profiling of human gliomas for the identification of predictive factors, tumor classification and characterization of molecular mechanisms	Hegi	Monika	Lab. de Biologie des Tumeurs et de Génétique, Service de Neurochirurgie	Centre Hospitalier Universitaire Vaudois, CHUV Lausanne
Translational cancer research	Gene expression profiling of pigmented skin lesions and melanoma	Piguet	Vincent	Lab. des Infect. Sexuellem. Transmissibles, Service de Dermatologie et Vénérologie	Hôpitaux Universitaires de Genève, HUG

Clusters	Project title (per 2005)	Leader (name)	Surname	Institute	Institution
Translational cancer research	Colon carcinoma specific adenoviruses	Iggo	Richard	Institut Suisse de Recherche Expérimentale sur le Cancer	ISREC, Epalinges
Translational cancer research	Targeting tumor angiogenesis	Rüegg	Curzio	Département de médecine	Centre pluridisciplinaire d'oncologie, Lausanne
Translational cancer research	The role of the tumor stroma	Stamenkovic	Ivan	Institut Universitaire de Pathologie	Centre Hospitalier Universitaire Vaudois, CHUV Lausanne
Translational cancer research	Molecular identification of CTL defined tumor antigens	Romero	Pedro	Ludwig Institut de Recherches sur le Cancer,	Ludwig Institut de Recherches sur le Cancer
Translational cancer research	Novel anti tumor vaccine strategies	Kraehnbulh	Jean-Pierre	Institut Suisse de Recherche Expérimentale sur le Cancer	ISREC, Epalinges
Translational cancer research	Cancer therapy with cytolytic T lymphocytes	Rufer	Nathahlie	Division d'oncologie expérimentale, Centre pluridisciplinaire d'Oncologie	ISREC, Epalinges
Bioinformatics	Discrimination and gene selection methods for cancer diagnosis	Delorenzi	Mauro	Institut Suisse de Bioinformatique	ISREC, Epalinges
Bioinformatics	Bioinformatics in cancer research	Naef	Felix	School of Life Sciences	ISREC, Epalinges

Second funding period: 2005 - 2009

Clusters	Project title (per 2009)	Leader (name)	Surname	Institute	Institution
Tumor Host Interactions - Research	Cell Signaling in Tumor Development and Metastasis Signaling pathways important in breast cancer and breast development	Brisken	Cathrin	Institut Suisse de Recherche Expérimentale sur le Cancer	EPFL, Epalinges
Tumor Host Interactions - Research	Mechanisms controlling tissue homeostasis and their role in cancerogenesis	Hülken	Jörg	Institut Suisse de Recherche Expérimentale sur le Cancer	EPFL, Epalinges
Tumor Host Interactions - Research	The role of the tumor stroma	Stamenkovic	Ivan	Centre Hospitalier Universitaire Vaudois	CHUV Lausanne
Tumor Host Interactions - Research	Apoptosis-inducing MegaFasL as novel anti-tumor agent	Tschopp	Jürg	Department of Biochemistry	University of Lausanne
Tumor Host Interactions - Research	Study of gene networks implied in cancer biology	Naef	Felix	Institut Suisse de Recherche Expérimentale sur le Cancer	EPFL, Epalinges
Gene Expression Signatures in Tumors	Gene expression signatures in human glioblastoma and their implications for tumor biology and treatment of cancer	Hegi	Monika	Centre Hospitalier Universitaire Vaudois	CHUV Lausanne
Gene Expression Signatures in Tumors	Microarray analysis of breast cancer	Iggo	Richard	Institut Suisse de Recherche Expérimentale sur le Cancer	University of St. Andrews, Scotland
Tumor Angiogenesis	Role of COX-2 and inflammatory cells in tumor angiogenesis and tumor progression	Rüegg	Curzio	Département de médecine	Centre pluridisciplinaire d'oncologie, Lausanne
Tumor Angiogenesis	Unraveling the molecular regulation of tumor lymphangiogenesis and lymph node metastasis	Christofori	Gerhard	Dept. of Clinical-Biological Sciences	University of Basel
Tumor Immunity and Cancer Immunotherapy	T cell vaccination of cancer patients and cellular analysis of T cell responses	Speiser	Daniel	Division d'Onco-Immunologie Clinique, Institut Ludwig de recherche sur le cancer	Hôpital Orthopédique - CHUV

Clusters	Project title (per 2009)	Leader (name)	Surname	Institute	Institution
Tumor Immunity and Cancer Immunotherapy	Combining T cell vaccination with adoptive-cell transfer (ACT) immunotherapy	Leyvraz	Serge	Fondation du centre pluridisciplinaire d'oncologie (cePO)	Centre pluridisciplinaire d'oncologie, Lausanne
Tumor Immunity and Cancer Immunotherapy	Molecular analysis of T cell immune responses	Rufer	Nathalie	Division d'oncologie experimentale, Centre pluridisciplinaire d'Oncologie	Hôpital Orthopédique, Lausanne
Tumor Immunity and Cancer Immunotherapy	Structural design of peptide / MHC and T cell receptor interactions	Michielin	Olivier	Swiss Institute of Bioinformatics	University of Lausanne
Technology Development and Support	Bioinformatics core facility	Delorenzi	Mauro	Institut Suisse de Bioinformatique	ISREC, Epalinges
Technology Development and Support	Mouse facility	Beermann	Friedrich	Institut Suisse de Recherche Expérimentale sur le Cancer	EPFL, Epalinges
Technology Development and Support	Microscopy, imaging & morphology facility	Garin	Nathalie	Laboratory of Psychiatric Neurosciences	EPFL, Epalinges
Technology Development and Support	Clinical tumor proteome analysis facility	Servis	Catherine	Department of Biochemistry	University of Lausanne
Education	Oncology Online: Development of a web-based oncology teaching program	Kraehnstuhl	Jean-Pierre	Institut Suisse de Recherche Expérimentale sur le Cancer	Health Sciences eTraining, Epalinges

Third funding period: 2009 - 2013

Clusters	Project title (per 2012)	Leader (name)	Surname	Institute	Institution
Cell Signaling in Tumor Development and Metastasis	The progesterone-Wnt connection and early events in human breast carcinogenesis	Briskin	Cathrin	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne
Cell Signaling in Tumor Development and Metastasis	Mechanisms controlling tissue homeostasis and their role in cancerogenesis and metastasis	Hülksen	Jörg	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne
Cell Signaling in Tumor Development and Metastasis	Sarcoma-development and the role of the tumor stroma	Stamenkovic	Ivan	Centre Hospitalier Universitaire Vaudois	CHUV Lausanne
Cell Signaling in Tumor Development and Metastasis	The role of IL-1 in tumorigenesis	Fasel	Nicolas	Department of Biochemistry	University of Lausanne
Cell Signaling in Tumor Development and Metastasis	Large-scale analysis of functional genomics data	Delorenzi	Mauro	Institut Suisse de Bioinformatique	Swiss Institute of Bioinformatics
Cell Signaling in Tumor Development and Metastasis	Epigenetics and gene expression signatures in human glioblastoma and glioma stem like cells and implications for tumor biology and treatment of cancer	Hegi	Monika	Centre Hospitalier Universitaire Vaudois	CHUV Lausanne
Cell Signaling in Tumor Development and Metastasis	Regulation of colorectal cancer progression	Petrova	Tatiana	Centre pluridisciplinaire d'oncologie, Lausanne	ISREC, Epalinges
Cell Signaling in Tumor Development and Metastasis	BCL9/DCL9L as targets for suppression of cancer stem cells and restoring susceptibility to therapy in colon and other cancers	Aguet	Michel	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne
Cell Signaling in Tumor Development and Metastasis	Identification and Validation of microRNAs important for pancreatic cancer liver metastasis	Hanahan	Douglas	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne
Cell Signaling in Tumor Development and Metastasis	Perturbation of adaptor protein complexes by highaffinity monoclonal antibodies in chronic myelogenous leukemia	Hantschel	Oliver	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne

Clusters	Project title (per 2012)	Leader (name)	Surname	Institute	Institution
Cell Signaling in Tumor Development and Metastasis	In vivo monitoring of the efficacy of genetic and pharmacological NF-kB inhibition in a preclinical mouse model of human lung adenocarcinoma	Meylan	Etienne	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne
Tumor Angiogenesis	Impact of antiangiogenic treatments on tumor evolution and tumor microenvironment	Rüegg	Curzio	Département de médecine	Université de Fribourg
Tumor Angiogenesis	The molecular regulation of tumor lymphangiogenesis and lymphnode metastasis	Christofori	Gerhard	Dept.of Clinical-Biological Sciences	University of Basel
Tumor Angiogenesis	Role of lymphatic vessels in cancer invasion and metastasis	Swartz	Melody	Institut of Bioengineering	EPF Lausanne
Tumor Angiogenesis	Role of distinct macrophage subsets in tumor angiogenesis and progression	De Palma	Michele	Institut Suisse de Recherche Expérimentale sur le Cancer	EPF Lausanne
Tumor Immunity and Cancer Immunotherapy	Analysis of in vivo differentiation and function, and molecular dissection of antigen specific CD8 T cells before and after immunotherapy of melanoma patients	Speiser	Daniel	Division d'Onco-Immunologie Clinique, Institut Ludwig de recherche sur le cancer	Hôpital Orthopédique, Lausanne
Tumor Immunity and Cancer Immunotherapy	Structural design of peptide/MHC and T cell receptor interactions	Michelin	Olivier		Swiss Institute of Bioinformatics, Lausanne
Transfer projects: Economic stimulus package	Integrative data analysis in development of prognostic lung cancer assay	Delorenzi	Mauro	Institut Suisse Bioinformatique	ISREC, Epalinges
Transfer projects: Economic stimulus package	Cancer stem cells as research and diagnostic targets	Hülksen	Jörg	Institut de Recherche Expérimentale sur le Cancer	EPF Lausanne

Participating groups

Leader (name)	Surname	Institution	Period
Aguet	Michel	EPF Lausanne	1+2+3
Beermann	Friedrich	EPFL, Epalinges	1+2
Brisken	Cathrin	ISREC, Epalinges	1+2+3
Cerottini	Jean-Charles	Ludwig Institut de Recherches sur le Cancer, Epalinges	1
Christofori	Gerhard	University of Basel	1+2+3
De Palma	Michele	EPF Lausanne	3
Deka	Jürgen	ISREC, Epalinges	1
Delorenzi	Mauro	ISREC, Epalinges	1+2+3
Eppenberger	Urs	Stiftung Tumorbank, Basel	1
Fasel	Nicolas	University of Lausanne	3
Garin	Nathalie	EPFL, Epalinges	1+2
Hanahan	Douglas	EPF Lausanne	3
Hantschel	Oliver	EPF Lausanne	3
Hegi	Monika	Centre Hospitalier Universitaire Vaudois, CHUV Lausanne	1+2+3
Hülsken	Jörg	ISREC, Epalinges	1+2+2
Iggo	Richard	ISREC, Epalinges	1+2+3
Iggo	Richard	University of St. Andrews, Scotland	1+2+3
Kraehnbulh	Jean-Pierre	ISREC, Epalinges	1+2
Leyvraz	Serge	Centre pluridisciplinaire d'oncologie, Lausanne	2
Meylan	Etienne	EPF Lausanne	3
Michielin	Olivier	Swiss Institute of Bioinformatics, Lausanne	2+3
Naef	Felix	ISREC, Epalinges	1+2
Petrova	Tatiana	Centre pluridisciplinaire d'oncologie, Lausanne	3
Piguet	Vincent	Hôpitaux Universitaires de Genève, HUG	1
Romero	Pedro	Ludwig Institut de Recherches sur le Cancer, Epalinges	1+2+3
Rüegg	Curzio	Centre pluridisciplinaire d'oncologie, Lausanne	1+2+3

Leader (name)	Surname	Institution	Period
Rufer	Nathahlie	ISREC, Epalinges	1+2+3
Servis	Catherine	University of Lausanne	2
Sotiriou	Christos	Institut Bordet, Belgium	1
Speiser	Daniel	Ludwig Institut de Recherches sur le Cancer, Epalinges	1+2+3
Stamenkovic	Ivan	Centre Hospitalier Universitaire Vaudois, CHUV Lausanne	1+2+3
Swartz	Melody	EPF Lausanne	3
Tschopp	Jürg	University of Lausanne	2