

First funding period: 2001 - 2005

Clusters	Project title (per 2005)	Leader (name)	Surname	Institute	Institution
none	Identification of genes involved in resistance of grape to downy mildew (<i>Plasmopara viticola</i>)	Neuhaus	Jean-Marc	Laboratoire de Biochimie	Université de Neuchâtel
none	Subproject: Finding key regulators of induced resistance of plants to pathogens	Métraux	Jean-Pierre	Institut de Biologie Végétale	Université de Fribourg
none	Petunia as a genetic model species for plant-pollinator interactions	Kuhlemeier	Cris	Pflanzenbiologisches Institut	Universität Bern
none	Plant defence mechanisms against biotic toxins	Tabacchi	Raffaele	Institut de Chimie	Université de Neuchâtel
none	Subproject: Plastid function and plant survival	Kessler	Felix	Laboratoire de Physiologie Végétale	Université de Neuchâtel
none	Plant nutrition under stress conditions: The combined role of nutrients, soil organic matter and root secretions	Föllmi	Karl	Institut de Géologie	Université de Neuchâtel
none	Microbial diversity in the rhizosphere of grapevine, a monoculture as old as 2000 years	Défago	Geneviève	Institut für Pflanzenwissenschaften	ETH Zürich
none	Pattern and long-term changes in pasturewoodlands: Complex plant-herbivore interactions in a traditional type of agro-forestry	Scheidegger	Christoph	Biodiversity and Conservation Biology, Biodiversity	Eidg. Forschungsanstalt für Wald, Schnee und Landschaft, Birmensdorf
none	The role of plants in the interactions between insect herbivores and their natural enemies	Turlings	Ted	Laboratoire d'Entomologie et Ecologie Animale	Université de Neuchâtel
none	Restoring biodiversity in agroecosystems: The role of seed origin for vegetation establishment, weed invasions and its biocontrol success	Müller-Schärer	Heinz	Département de Biologie	Université de Fribourg

Clusters	Project title (per 2005)	Leader (name)	Surname	Institute	Institution
none	The use of pheromones and kairomones for the control of moth pests in vineyards	Guerin	Patrick	Laboratoire de Physiologie Animale	Université de Neuchâtel
none	Resistance of grape to grey mould (<i>Botrytis cinerea</i>) and downy mildew (<i>Plasmopara viticola</i>): Its biochemistry and disease development	Pezet	Roger	agronomiques de Changins	Station Fédérale de Recherches Agronomiques de Changins, Nyon
none	Consequences of introducing genetically modified plants into agroecosystems	Bigler	Franz	Reckenholz-Tänikon ART	Eig. Forschungsanstalt für Agrarökologie und Landbau, Zürich
none	Statistical and dynamic modelling of plant survival in ecosystems	Davison	Anthony	Département de Mathématiques	EPF Lausanne

Second funding period: 2005 - 2009

Clusters	Project title (per 2009)	Leader (name)	Surname	Institute	Institution
Module "Natural and Agro-Ecosystems"	Multitrophic interactions	Turlings	Ted	Institut de Biologie	Université de Neuchâtel
Module "Natural and Agro-Ecosystems"	Genetic introgression and ecological consequences	Bigler	Franz	Reckenholz-Tänikon ART	Eidg. Forschungsanstalt für Agrarökologie und Landbau, Zürich
Module "Natural and Agro-Ecosystems"	Evolution and spread of potentially invasive plants	Guisan	Antoine	Département d'Ecologie et d'Evolution	Université de Lausanne
Module "Disease Resistance and Pest Control"	Grapevine diseases and resistance mechanisms	Neuhaus	Jean-Marc	Laboratoire de Biologie Moléculaire et Cellulaire	Université de Neuchâtel
Module "Disease Resistance and Pest Control"	Development of novel control methods for grape moths based on their sex pheromones and host plant attractants	Guerin	Patrick	Laboratoire de Physiologie Sensorielle	Université de Neuchâtel
Module "Energy-Resources"	Plastid function and plant survival	Kessler	Felix	Laboratoire de Physiologie Végétale	Université de Neuchâtel
Module "Energy-Resources"	Mycorrhiza development and functioning, and its effect on soil structure	Martinoia	Enrico	Labor für Molekulare Pflanzenphysiologie	Universität Zürich
Module "Modelling and Statistics"	Statistical and dynamical modelling	Davison	Anthony	Département de Mathématiques	EPF Lausanne
Transfer Projects: Economic stimulus package	Optimizing the control of the Western corn rootworm with entomopathogenic nematodes	Turlings	Ted	Institut de Biologie	Université de Neuchâtel

Third funding period: 2009 - 2013

Clusters	Project title (per 2012)	Leader (name)	Surname	Institute	Institution
WP1 Plant fitness and abiotic interactions	Chloroplast Metabolism	Kessler	Felix	Laboratoire de Physiologie Végétale	Université de Neuchâtel
WP1 Plant fitness and abiotic interactions	Dynamics of mycorrhiza formation	Martinoia	Enrico	Labor für Molekulare Pflanzenphysiologie	Universität Zürich
WP2 Plant antagonists and mutualists	Exploiting inducible root defenses for pest control	Turlings	Ted	Institut de Biologie	Université de Neuchâtel
WP2 Plant antagonists and mutualists	Genetic dissection of pollination syndromes in Petunia	Kuhlemeier	Cris	Pflanzenbiologisches Institut	Universität Bern
WP2 Plant antagonists and mutualists	Host specificity and host-associated differentiation in phytophagous insects	Benrey	Betty	Institut de Biologie	Université de Neuchâtel
WP3 Spread and impact of invasive plants	Invasiveness and ecosystem impact below and above the species level: refining and extending the Centaurea maculosa model	Müller- Schärer	Heinz	Département de Biologie	Université de Fribourg
WP3 Spread and impact of invasive plants	Determinants and impacts of plant spread and invasion: a comparative and experimental approach	Fischer	Markus	Institut für Pflanzenwissenschaften	Universität Bern
WP4 Statistics and modelling	Statistics and modelling	Davison	Anthony	Département de Mathématiques	EPF Lausanne
Transfer Projects: Strong Swiss franc	Hydrocapsules as Trojan horses for the application of biological control agents against root pests	Turlings	Ted	Institut de Biologie	Université de Neuchâtel

Participating groups

Leader (name)	Surname	Institution	Period
Bacher	Sven	Universität Bern	2
Benrey	Betty	Université de Neuchâtel	2
Bernasconi	Giorgina	Université de Neuchâtel	2
Bersier	Louis-Félix	Université de Fribourg	2
Bigler	Franz	Eig. Forschungsanstalt für Agrarökologie und Landbau, Zürich	1+2
Bshary	Redouan	Université de Neuchâtel	2
Buttler	Alexandre	EPF Lausanne	2
Davison	Anthony	EPF Lausanne	1+2
Défago	Geneviève	ETH Zürich	1
Fankhauser	Christian	University of Lausanne	2
Farmer	Edward	Université de Lausanne	2
Felber	François	Université de Lausanne	2
Föllmi	Karl	Université de Neuchâtel	1
Gillet	François	EPF Lausanne	2
Gindro	Katja	Agroscope ACW Changins, Nyon	2
Gobat	Jean-Michel	Université de Neuchâtel	2
Goldstein	Darlene	EPF Lausanne	2
Guerin	Patrick	Université de Neuchâtel	1+2
Guisan	Antoine	Université de Lausanne	2
Hörtensteiner	Stefan	Universität Bern	2
Kessler	Felix	Université de Neuchâtel	1+2
Kuhlemeier	Cris	Universität Bern	1+2
Martinoia	Enrico	Universität Zürich	2
Mauch-Mani	Brigitte	Université de Neuchâtel	2
Métraux	Jean-Pierre	Université de Fribourg	1+2
Müller-Schärer	Heinz	Université de Fribourg	1+2

Leader (name)	Surname	Institution	Period
Nentwig	Wolfgang	Universität Bern	2
Neuhaus	Jean-Marc	Université de Neuchâtel	1+2
Paszkowski	Uta	Université de Lausanne	2
Pezet	Roger	Station Fédérale de Recherches Agronomiques de Changins, Nyon	1
Rahier	Martine	Université de Lausanne	2
Reinhardt	Didier	Université de Fribourg	2
Rentsch	Doris	Universität Bern	2
Rochaix	Jean-David	Université de Genève	2
Romeis	Jörg	Agroscope ART Reckenholz, Zürich	2
Schaffner	Urs	CABI Bioscience Swiss Centre, Delémont	2
Scheidegger	Christoph	Eidg. Forschungsanstalt für Wald, Schnee und Landschaft, Birmensdorf	1
Tabacchi	Raffaele	Université de Neuchâtel	1
Tamm	Lucius	Forschungsinstitut für biologischen Landbau FIBL, Frick	2
Turlings	Ted	Université de Neuchâtel	1+2+3
Viret	Olivier	Agroscope ACW Changins, Nyon	2
Zeeman	Samuel	ETH-Zentrum, Zürich	2