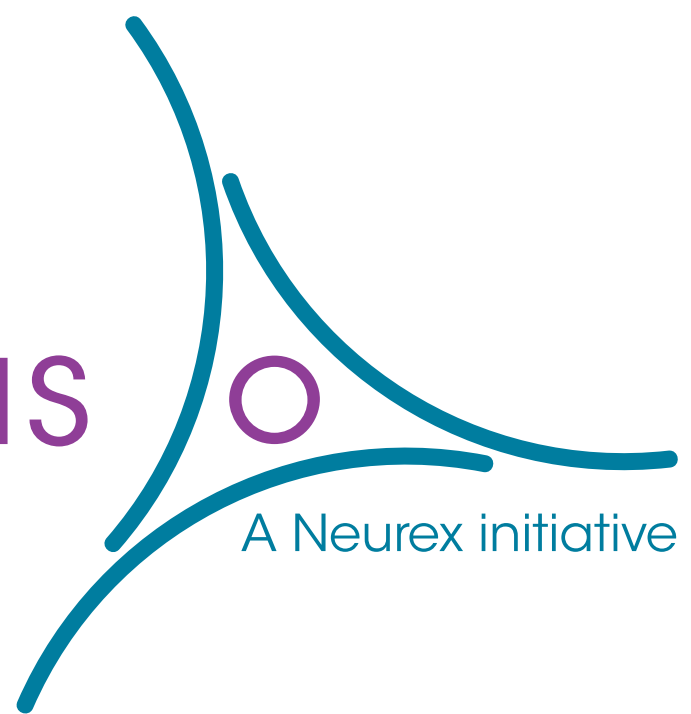


# NeuroCampus



A Neurex initiative

Understanding the functioning of the brain is one of the major challenges of science. Nervous system disorders account for more than a third of all diseases in rich countries. They recently were the main contributor of health expenditures (all disorders included), i.e. approximately 8 billion euros per year in Europe. Moreover, the progression of these diseases related to life habits (Type 2 diabetes) or to the increased life expectancy (Alzheimer's disease) has qualified Neuroscience as a priority for national and European authorities.

## INTERCONNECTED NEUROSCIENCES

Neurex is one of the most important European network in the field of neuroscience, be it basic, fundamental or applied. Structured in 2001, it federates three countries, a hundred and ten laboratories and more than a thousand researchers of the Upper Rhine Valley.

Indeed, over the last decade, Neurex and its partners were able to federate the neuroscience research structures of this trinational area and to build closer links between these three research centers: Strasbourg, Freiburg i. Br. and Basel. Each of these universities with their partners, strong in their own theoretical and technical specializations, have learnt from the scientific experience of their neighbors, and thus contributed to the establishment of a training network for researchers and students.

Based on its network, Neurex has built a trinational campus in neuroscience, called "NeuroCampus". The NeuroCampus platform aims at creating a training program of excellence characterized by an integrated approach thanks to the use of the complementarity of our 3 universities. Eventually, it will promote a broadening of our competences in neuroscience and enrich the expertise of everyone. The purpose of the NeuroCampus project is to develop a program of training in neuroscience for students, doctoral candidates, researchers and healthcare professionals, and to familiarize associations and general public with neuroscience.

This project is made of many actions such as the ones described overleaf. We warmly encourage scientists to contact us in order to benefit from our network facilities and services, and further build together this cutting edge training program.

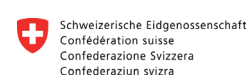
## PARTNERS

Program Interreg V Upper Rhine «Transcending borders with every project», Neurex, CNRS, INSERM, Université de Strasbourg, Région Grand Est, Département du Bas-Rhin, Département du Haut-Rhin, Eurométropole Strasbourg, Hôpitaux Universitaires de Strasbourg, Bernstein Center Freiburg, Klinik für Psychiatrie und Psychotherapie Freiburg, Neurozentrum Freiburg, Universität Freiburg, Universität Basel, Universitäre Psychiatrische Kliniken Basel, Kanton Basel-Stadt, Kanton Basel-Landschaft, Confédération suisse.

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# Actions of the network



## A MULTIMEDIA PLATFORM



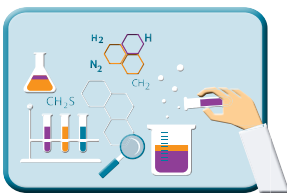
A multimedia platform for training has been created, which is a key tool of our network - an instrument that supports the education from common curricula built from our German, French and Swiss universities. From there, videos (lectures, conferences) may be downloaded.

## CONTROVERSY DEBATES



Controversy debates are events where scientists are discussing competing views on a precise issue. This kind of meeting sharpens the critical sense of our students and gives senior scientists the opportunity to reassess their working hypothesis.

## INTERACTIONS WITH INDUSTRY



Meetings with private laboratories are organized to illustrate the research strategies developed outside the academic context, and to strengthen interactions between universities and industry.

## MEETINGS, WORKSHOPS & SCIENTIFIC LECTURES



Neuroscience meetings are organized in the framework of the NeuroCampus project – be they fundamental, clinical or cross-disciplinary. They involve academic as well as private laboratories. Such events are part of a continuous program for junior and senior scientists.

## LAB TOURS

Lab Tours consist in visiting by bus several laboratories of each of the 3 Neurex universities, working on common topics with different approaches. This concept allows to illustrate the range of techniques and resources used on each side of our border to address a specific research topic.



## JOURNAL CLUBS

Journal clubs aim at teaching Master's students and PhD students how to work in groups and how to read and write scientific articles. Scientific publishing professionals are asked to step in and to share their knowledge and experience of the editor's community.

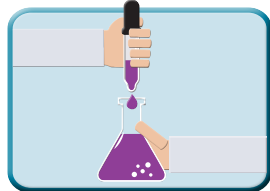


## PUBLIC EVENTS



The public has demonstrated a growing interest for neuroscience over the last decade. Thus, public events are held in order to inform the people about the research conducted in our laboratories. Such public events are organized throughout the year and more particularly during the Brain Awareness Week.

## SCIENTIFIC TRAINING ON CLINICAL TRIALS



Trainings on clinical trials are performed in order to familiarize interested junior & senior scientists to the world of clinical research.

## SOME PAST ACTIONS

In the past years, Neurex has developed:

- a Welcome/Coming back program to encourage and support the research work performed by young teams in our academic laboratories,
- a program of support to start-ups to encourage the creation of new innovative neuroscientific companies,
- a program of support to publications in peer-reviewed scientific journals.