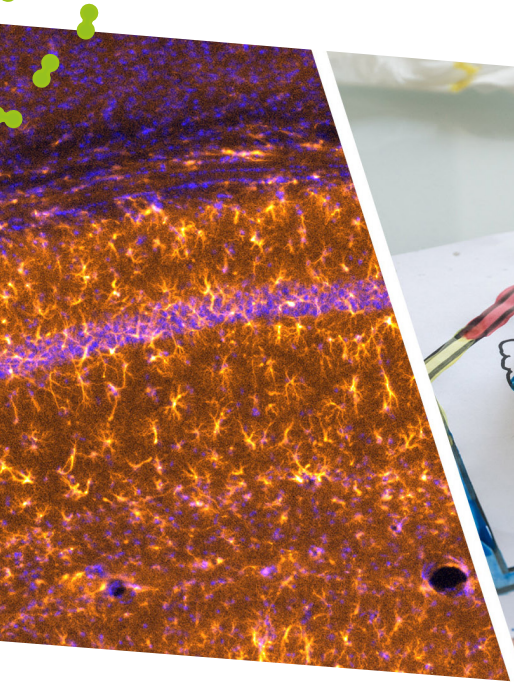
7TH BORDEAUX NEUROCAMPUS CONFERENCE

May 18th - 20th, 2022

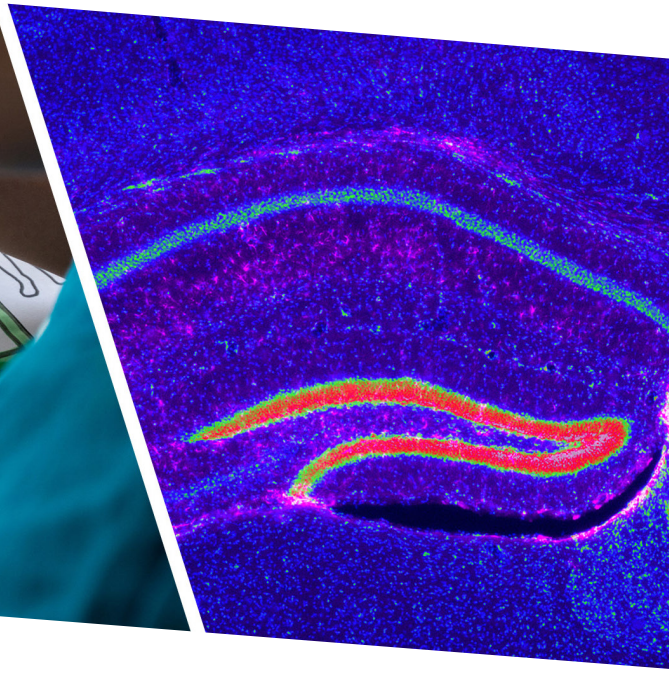
Bordeaux, France

NEURODEV

Neurodevelopmental disorders: from molecular mechanisms to social inclusion







BORDEAUX neurocampus / université de BORDEAUX

About the conference

Neurodevelopmental disorders are a group of different conditions in which the development of the central nervous system is disturbed and that often have lifelong consequences. Such developmental brain dysfunction can manifest as neuropsychiatric problems (Autism Spectrum Disorders, schizophrenia, fragile-X syndrome, down syndrome...) or impaired motor function, learning, language or non-verbal communication. Numerous developmental processes can go awry, sometimes simultaneously, affecting the generation of the appropriate diversity of neural cell types, their migration to correct sites in the brain and the establishment of precise connectivity with target cells, leading to complex brain and sensory dysfunction(s) and neurological diseases.

In this 3 days symposium, experts from different areas of developmental neuroscience, human neuropschology, epidemiology, brain imaging and genetics & epigenetics as well as clinicians will address the current state of neurodevelopmental disorders research, and its challenges for human health. By integrating neurodevelopmental perspectives and basic, translational and clinical approaches, this meeting will promote discussions and exchanges, and a new understanding of the complexity of these pathologies.

Scientific committee

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Sessions

. Genetics & Epigenetics of NDDs
. Models of NDDs
. Developmental and Molecular Basis of NDDs
. Biomarkers of NDDs
. Environment, new technologies

Invited speakers

Xavier ALTAFAJ -University of Barcelona, Spain
Catherine BARTHÉLÉMY - Inserm, Université de Tours, France
Frédérique BONNET-BRILHAUT - Inserm, Université de Tours, France
Thomas BOURGERON - Institut Pasteur, Paris, France
Manuel BOUVARD - CHU de Bordeaux, France
John F CRYAN - University College Cork, Dept. of Anatomy & Neuroscience, Cork, Ireland
Éric LEMONNIER - Centre Hospitalier Universitaire, Limoges, France
Guoping FENG - MIT Harvard, USA
Andreas FRICK- Inserm, Bordeaux Neurocampus, France
Sonia GAREL - ENS, Paris, France
Pierre GRESSENS - Inserm, Hôpital Robert Debré, Paris, France
Laurent GROC - CNRS, Bordeaux Neurocampus, France
Mathias GROSZER - Inserm, Sorbonne Université, Institut du Fer à Moulin, Paris, France
Denis JABAUDON - Department of Fundamental Neurosciences, UNGE, Genève, Switzerland
Mohamed JABER - Inserm, Université de Poitiers, France
Peter KIND - Center for Discovery Neurosciences, Edinburgh, UK
Jean-Claude LACAILLE - Département de neurosciences, Univ. Montréal, Montréal, Canada
Meng-Chuan LAI - University of Toronto, Canada
Éric LEMONNIER - CHU Limoges
Cécile MAZON - Université de Bordeaux, France
Gaia NOVARINO - IDIBELL, Institute of Science and Technology (IST), Austria
Susanna PIETROPAOLO - CNRS, Bordeaux Neurocampus, France
Deepak SRIVASTASA - King's College London, UK
Laurence VAIVRE-DOURET - Université de Paris / Inserm, Necker-Enfants Malades hospital, Paris, France
Marianne VAN DEN BREE - Psychological Medicine and Clinical Neurosciences, Cardiff, UK
Jonathan VANRYZIN - Univ. Maryland, USA

Scientific Program

Wednesday 18 May

- Lecture - Thomas BOURGERON

- SESSION 1 - Genetics & Epigenetics OF NDDs
Marianne VAN DEN BREE
Jonathan VANRYZIN
John F. CRYAN

- SESSION 2 - Models of NDDs
Peter KIND
Susanna PIETROPAOLO
Andreas FRICK
Jean-Claude LACAILLE
Deepak SRIVASTASA

- Lecture - Meng Chuan LAI

Thursday 19 May

- SESSION 3 - Developmental and Molecular Basis of NDDs
Gaia NOVARINO
Mathias GROSZER
Mohamed JABER
Sonia GAREL
Denis JABAUDON

- Lecture - Guoping FENG

- SESSION 4 - Biomarkers of NDD
Laurent GROC
Xavier ALTAFAJ
Sophie LAYÉ

- Lecture - Pierre GRESSENS

Friday 20 May

- **GIS**: Catherine BARTHÉLÉMY, Paul OLIVIER

- SESSION 5 - Biomarkers of NDD
Frédérique BONNET-BRILHAUT
Laurence VAIVRE-DOURET

- SESSION 6 - Environment, new technologies
Anouck AMESTOY
Éric LEMONNIER
Cécile MAZON

- Round table discussion with patient and family associations (in french)
Autisme France / URAFA
HyperSupers TDAH France
Asperansa
Fédération Française des DYS

Social events

Wednesday 18 May - From 6pm
Wine and cheese
Haut-Carré
Included in the fee

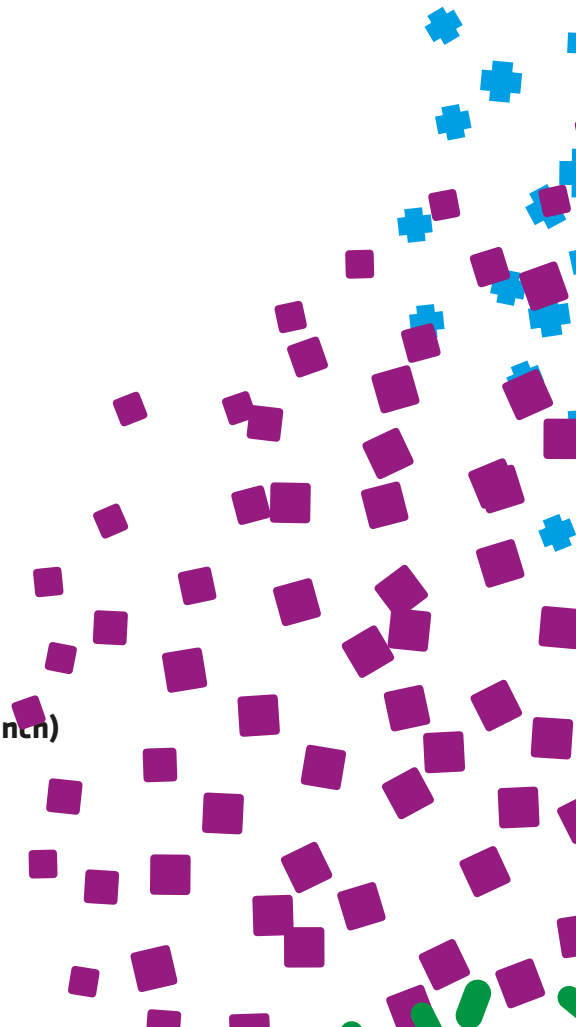
Thursday 19 May - From 7pm
Visit of a cellar & Gala dinner
Château Luchey-Halde
(Grand vin de Bordeaux, Pessac-Léognan)
Fee: 48 euros

Poster sessions

During breaks
and the «wine and cheese»

For a wide audience

A conference for a wide audience
will be given by Manuel Bouvard
and Catherine Barthélémy.
Tuesday 17 May at 6pm
Librairie Mollat





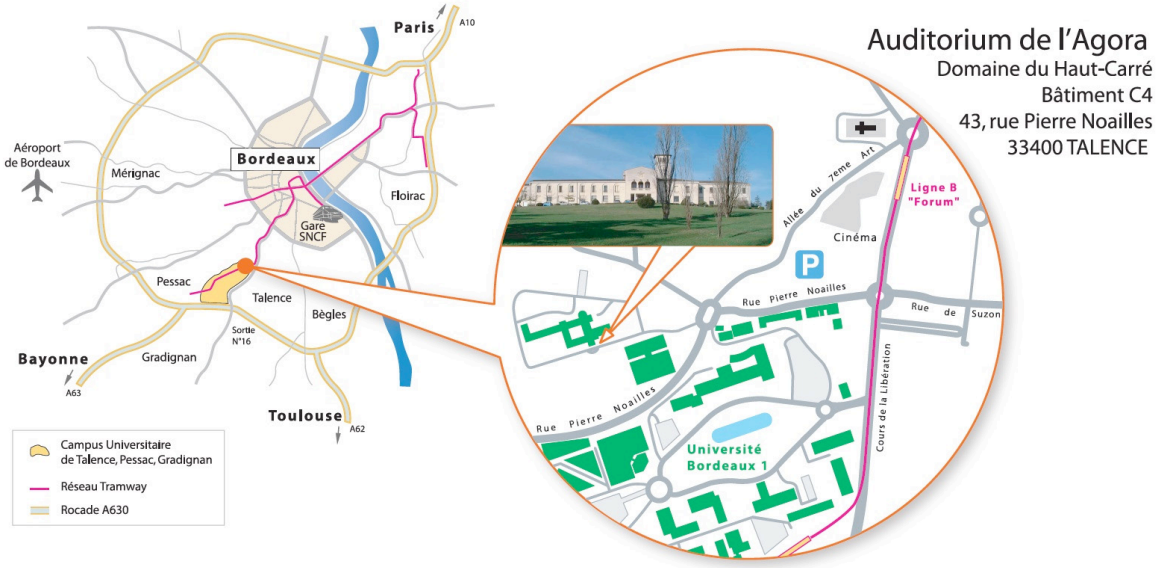
Venue: Haut-Carré

The conference will take place at the "**Agora du Haut-carré**" on the campus of Talence of the university of Bordeaux.

Agora du Haut-Carré is an unusual setting, being housed in a former convent built in the 1950's.

It has a direct access to Bordeaux city center by the tramway in less than 20 minutes.

Tram stop : Talence centre - Forum



Registration

From January 10th, 2022
on http://spring-brainconf.u-bordeaux.fr

The registration is mandatory for all participants. The total number of participants is limited to 280 and all are expected to attend for the whole duration of the meeting.

Fees: https://spring-brainconf.u-bordeaux.fr/en/Registration
The conference fees cover : the expenses for participation, access to all lectures and catering.

Abstract submission for posters

You can submit a poster abstract once your registration is confirmed.

Coming to Bordeaux

Train : it takes only two hours of TGV to come from Montparnasse station in Paris ! Daily trips by TGV are also available from Charles de Gaulle Airport (CDG), Lille and Strasbourg.

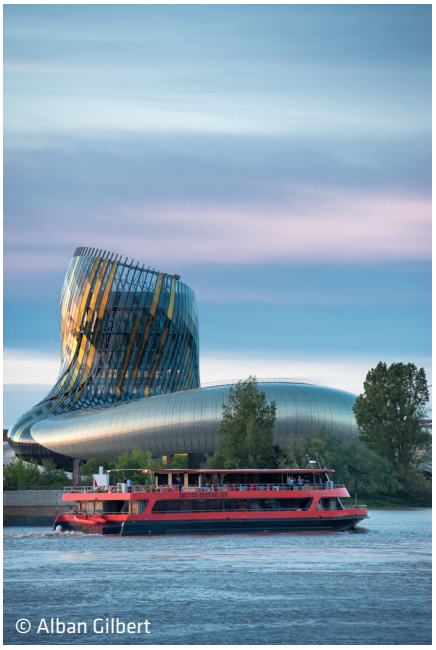
International Airport : Bordeaux is connected to a hundred destinations all over the world.

Accommodation

A selection of hotels, situated on the tram line, is available on the event website:
spring-brainconf.u-bordeaux.fr

Prepare your stay

https://www.bordeaux-tourisme.com


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About Bordeaux Neurocampus conferences

The Bordeaux Neurocampus Conferences are a series of 3-day neuroscience meetings that take place every year in autumn since 2014 at Bordeaux University, France. The 2020 edition has been postponed to Spring 2022.
Former editions: brainconf.u-bordeaux.fr

NEURODEV website

spring-brainconf.u-bordeaux.fr

Any question?

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Bordeaux Neurocampus

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