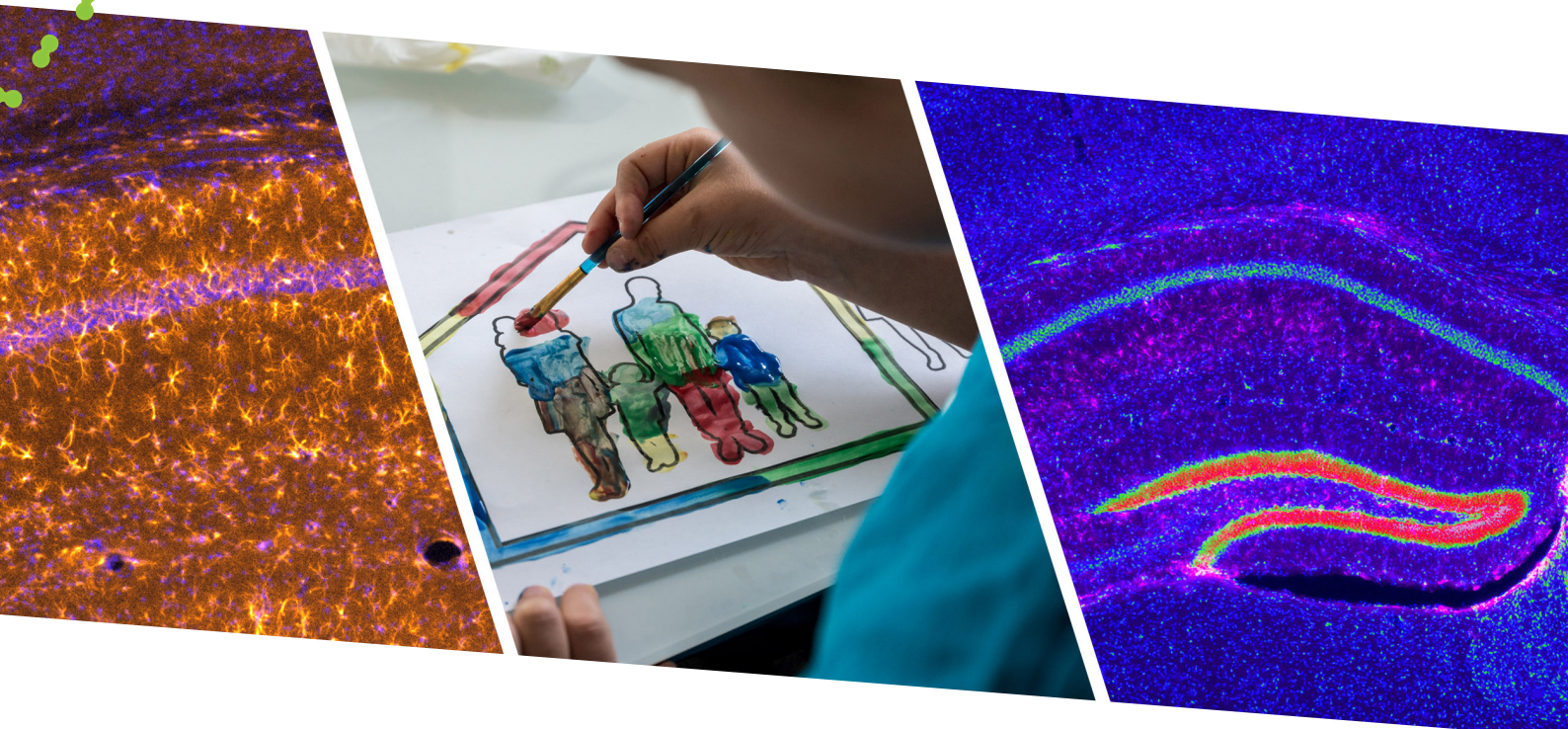


**7TH BORDEAUX NEUROCAMPUS
CONFERENCE**

**May 18th - 20th, 2022
Bordeaux, France**

NEURODEV

**Neurodevelopmental disorders:
from molecular mechanisms
to social inclusion**



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 neurodevelopmental disorders (Autism Spectrum Disorders, ADHD, IDD) 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 day symposium, experts from different areas of developmental neuroscience, human neuropsychology, 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. We hope that 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

Anouck AMESTOY, Centre Hospitalier Charles Perrens
aamestoy@ch-perrens.fr

Jean-René CAZALETS, CNRS / INCIA
jean-rene.cazalets@u-bordeaux.fr

Sophie LAYÉ, INRAE / Nutrineuro
sophie.laye@inrae.fr

Mireille MONTCOUQUIOL, Inserm / Neurocentre Magendie
mireille.montcouquiol@inserm.fr

Nathalie SANS, Inserm / Neurocentre Magendie
nathalie.sans@inserm.fr

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

Paul OLIVIER - Inserm, GIS Autisme et Troubles du Neuro-Développement, France

Gaia NOVARINO - IDIBELL, Institute of Science and Technology (IST), Austria

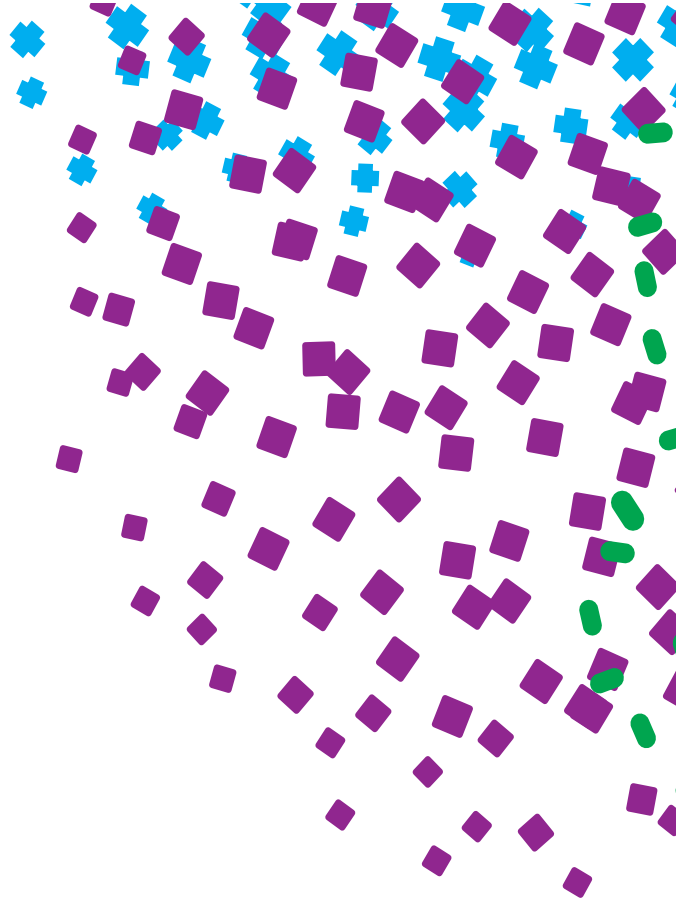
Susanna PIETROPAOLO - CNRS, Bordeaux Neurocampus, France

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

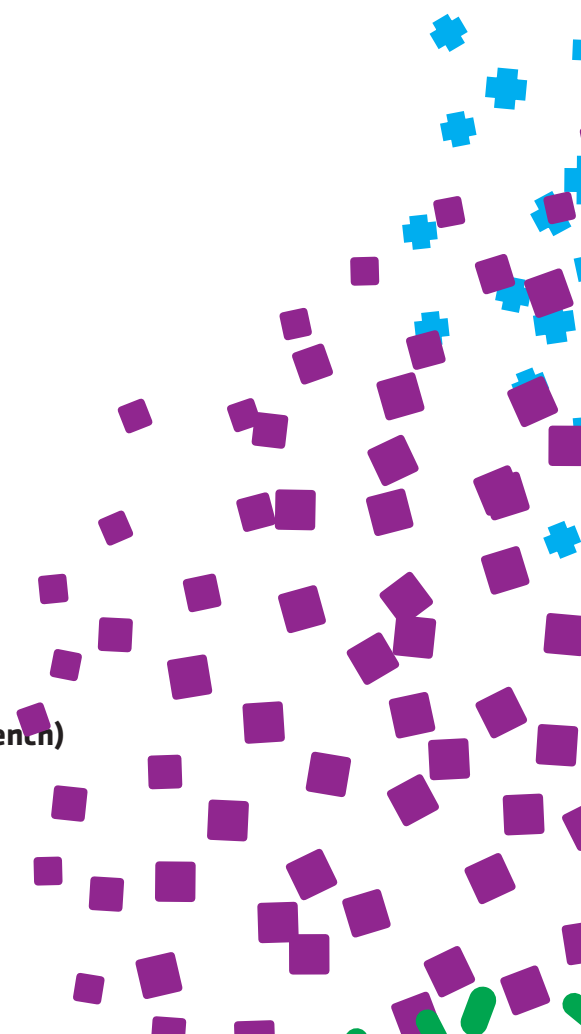
Thursday 19 May - From 7pm
Visit of a cellar & Gala dinner
Château Luchey-Halde
(Grand vin de Bordeaux, Pessac-Léognan)
Fee: 48 euros

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





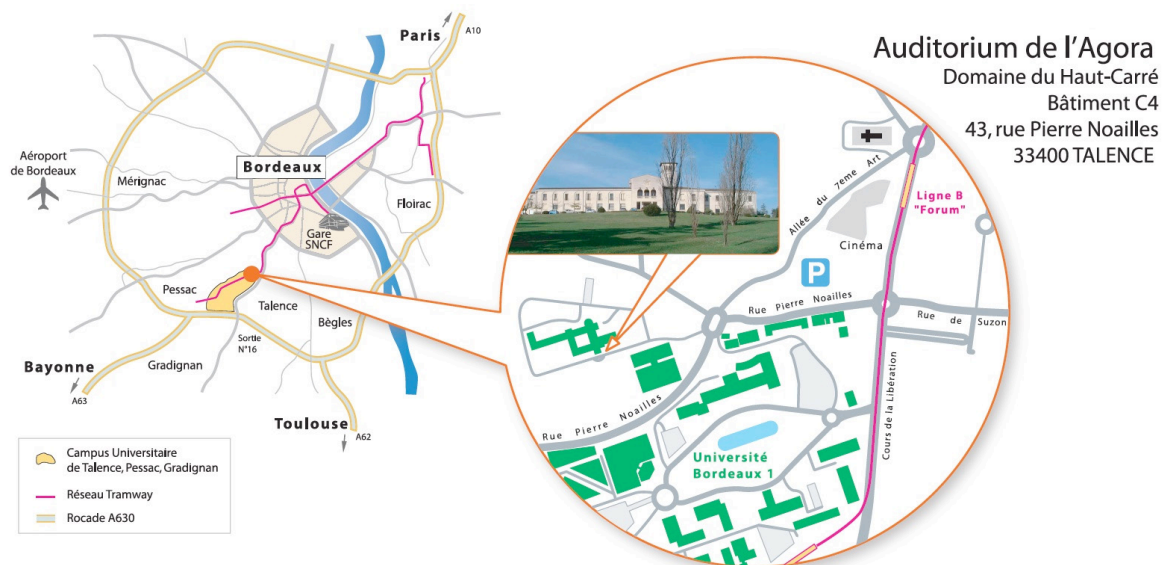
Venue: Haut-Carré

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>

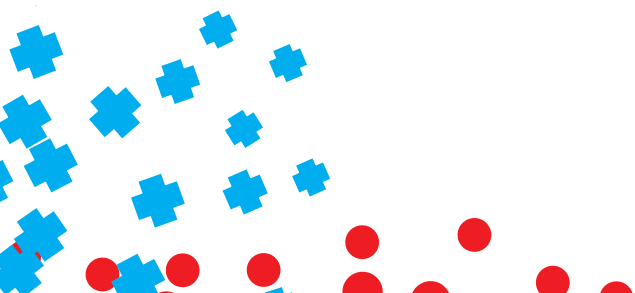
The registration is mandatory for all participants. The total number of participants is limited to 280 and all are expected to attend for the whole duration of the meeting.

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>



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?

brainconf@u-bordeaux.fr

Tel. +33 (0)5 33 51 47 92

Bordeaux Neurocampus

Department of neuroscience
University of Bordeaux

Director:

Nathalie Sans - nathalie.sans@u-bordeaux.fr

Administrative officer:

Marina Carbone - gestion.neurocampus@u-bordeaux.fr

Communication officer:

Arnaud Rodriguez - arnaud.rodriguez@u-bordeaux.fr

Scientific event officer:

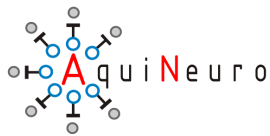
Julia Goncalves - julia.goncalves@u-bordeaux.fr



With the support of



RÉGION
Nouvelle-Aquitaine



Sponsoring

You want to support this conference?
Check our packs on our website
or contact us!

Institutional partners



NEURODEV

spring-brainconf.u-bordeaux.fr