



École Pratique  
des Hautes Études



université  
de BORDEAUX



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## CURSUS

- Depuis 2012** Maître de Conférences EPHE-PSL Université à l'INICIA CNRS- UMR 5287
- 2011-2012** Postdoctorante à l'UNIGE - Genève  
Encadrement: Dr Sophie Schwartz  
**Marie Curie BRIDGE Fellowship**
- 2007-2011** Postdoctorante à l'Université de Stanford  
Encadrement: Dr Edith.V Sullivan  
**Stanford's Dean fellowship**  
**Gordis Award de la Research Society on Alcoholism**
- 2003-2007** Doctorante dans le laboratoire mixte CEA-INSERM U797, Paris.  
Encadrement: Dr Jean-Luc Martinot
- 2002-2003** Assistante de recherche vacataire à l'Unité INSERM U405.

## DIPLÔMES

- 2023** Habilitation à Diriger des Recherches. EPHE- PSL Université
- 2014** Autorisation à Diriger une Thèse. Université de Bordeaux
- 2007** Doctorat en «Aspects moléculaires et cellulaires de la biologie».  
**Mention très honorable et félicitations du jury.** Université Paris XI (Orsay).
- 2001** DEA de Neurosciences. **Mention Assez Bien.** Université Louis Pasteur (Strasbourg).
- 2000** Maîtrise E R A S M U S de Biologie cellulaire option Physiologie Animale.  
**Mention Assez Bien.** Université Montpellier II et Université d'Utrecht (Pays-Bas).

## PROJETS EN COURS

- FAME:** "Fatigabilité de la mémoire de travail." Financement Région Nouvelle Aquitaine
- CHEAT:** "Cerebellar role in High-order cognitive processes: Interindividual differences in the evolution of performance during a learning Task."
- MOCOCOTE:** "Corrélat neurophysiologiques de l'apprentissage par observation. "
- MOBICOGim:** "Linking fMRI to Mobile Technologies in Addiction research.  
Pathophysiology of Executive deficits, Craving and Substance Use."  
Financement FRM

## COLLABORATIONS EN COURS

- **Université de Poitiers** – Pr Audiffren. : « Affaiblissement de la connectivité du réseau de l'effort consécutivement à la réalisation d'une tâche à forte charge cognitive » En cours
- **Stanford University**-Pr Pfefferbaum: "Dysconnectivity of corticocerebellar circuits in alcoholism". (Projet MOBICOGIM) En cours
- **Université de Bordeaux**-Dr Michelet: "Attentional role of the Locus Coeruleus: A combined MRI and TMS investigation" En cours
- **Université de Bordeaux**-Dr Badets : "Corrélat neurophysiologiques de l'apprentissage par observation" En cours

## ENSEIGNEMENTS

**2022** : Membre du Conseil de Formation de la Section SVT EPHE

**2014 - 2019**: Membre de la Commission des Enseignements de l'EPHE

**Depuis 2012** :

- Responsable de l'unité d'enseignement d'Anglais en 1ère de Master PSL-SdV (PPI et B&E) et 2ème année (PPI) ; (Responsabilité et Enseignement = 54HTD)
- Responsable d'unité d'enseignement de Physiopathologie Intégrative en 2ème année de Master PSL-SdV (PPI) ; (Responsabilité et Enseignement = 13HTD)
- Responsable de l'unité d'enseignement « Processus émotionnels et motivationnels dans la prise en charge du patient avec troubles moteurs » en 2ème année de l'IFMK de Bordeaux (Responsabilité et Enseignement = 20HTD)
- Responsable des évaluations des présentations scientifiques de fin d'année en 2<sup>ème</sup> et 4<sup>ème</sup> Année de l'IFMK de Bordeaux (18HTD).
- En charge d'enseignements dans la Licence MIASHS de Bordeaux: « Neuroimagerie» (25HTD).
- En charge d'enseignements dans le Master Neurosciences de Bordeaux: « Imagerie des déficits neuropsychologiques dans l'alcoolodépendance» (4HTD).
- En charge d'enseignements dans le Master Cerveau et Cognition de Bordeaux: « Connectivité cérébrale anatomo-fonctionnelle» (4HTD).
- Encadrement d'une étudiante en Doctorat EPHE – PSL Université soutenue en Décembre 2023
- Encadrement d'un étudiant en Doctorat de Sciences de la Vie Université de Bordeaux soutenu en Octobre 2020.
- Encadrement d'étudiants en Masters 1 et 2 de Neurosciences, Master 2 de Sciences Cognitives et Master 1 de Psychologie (3 en moyenne/an).

- Encadrement d'étudiants en Masters 2 EPHE (1 étudiant en moyenne/an).
- Encadrement d'étudiants en Licence de Biologie et de Psychologie (3 étudiants/an).
- Tutorat pédagogique de Master EPHE (5 depuis 2012 dont un en 2022-2023)
- Tutorat pédagogique de Diplôme EPHE (soutenu en Décembre 2020).

## PUBLICATIONS

*Indice h: 29*

*Nombre de citations > 3200*

### Articles et Revues

#### Soumis

Chirokoff V., Pohl K.M., Berthoz S., Fatseas M., Misdrahi D., Serre F., Auriacombe M., Pfefferbaum A., Sullivan E.V., & **Chanraud S.** Multi-level prediction of substance use: interaction of white matter integrity, resting-state connectivity, and inhibitory control measured repeatedly in every-day life. *Addiction Biology*

Chirokoff V., Dupuy M., Abdallah M., Misdrahi D. Serre F., Auriacombe, M. Fatseas, M., Berthoz S., Swendsen J., & **Chanraud S.** Craving Dynamics and its Functional Substrates in Substance Use Disorders. *Translational Psychiatry*.

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Chirokoff V., Fatseas M., Misdrahi D., Dupuy M., Abdallah M., Serre F., Auriacombe M., Berthoz S., **Chanraud S.** Craving dynamic and related Cerebral substrates revealed potential predictors of use in Alcohol, Tobacco and Cannabis Use Disorders. *Addiction Neuroscience*

Soussi C., Berthoz S., Chirokoff V., **Chanraud S.** Interindividual Brain and Behavior differences in adaptation to unexpected uncertainty. *Biology*. 2023 Oct 10;12(10):1323.

Badets A., Jeunet C., Dellu-Hagedorn F., Ployart M., Chanraud S & Boutin A. Conscious awareness of others' actions during observational learning does not benefit motor skill performance. *Consciousness and Cognition* 2023 Aug;113:103553

Ioannucci S., Chirokoff V., Dilharreguy B., Ozenne V., **Chanraud S.**, Zénon A. Neural fatigue by passive induction. *Communications Biology*. 2023 Feb 3;6(1):142

Morawetz C., Berthoz S., Chirokoff V., **Chanraud S.**, Misdrahi D., Serre F., Auriacombe M., Fatseas M., Swendsen J. Intrinsic brain network connectivity predicts mood variability in substance use disorders. *Biological Psychiatry CNN*. Nov 10:S2451-9022(22)00275-0.

Chirokoff V., Di Scala G., Swendsen J., Dilharreguy B., Berthoz S., **Chanraud S.** Impact of Metacognitive and Psychological Factors in Learning-Induced Plasticity of Resting State Networks. *Biology*. 2022 Jun 10;11(6):896.

**Chanraud S.**, Badaut J. The noninvasive imaging techniques in understanding brain pathophysiology from preclinical to clinical studies. *J Neurosci Res*. 2022. May;100(5):1125-1127

Rabat Y., **Chanraud S.**, Abdallah M., Sibon I., Berthoz S. Precision Preventive Medicine of Relapse in Smoking Cessation: Can MRI Inform the Search of Intermediate phenotypes? *Biology*. 2021 Dec 27;11(1):35.

Dupuy M., Abdallah M., Swendsen J., N'Kaoua B., **Chanraud S.**, Schweitzer P., Fatseas M., Serre F., Barse E., Auriacombe M., Misdrahi D. Real-time cognitive performance and positive symptom expression in schizophrenia. *Eur Arch Psychiatry Clin Neurosci*. 2021 Jul 21. doi: 10.1007/s00406-021-01296-2.

Abdallah M., Zahr N.M., Saranathan M., Honnorat N., Farrugia N., Pfefferbaum A., Sullivan E.V., **Chanraud S.** Altered Cerebro-Cerebellar Dynamic Functional Connectivity in Alcohol Use Disorder: a Resting-State fMRI Study. *Cerebellum*. 2021 Mar 3.

Abdallah M., Farrugia N., Chirokoff V., **Chanraud S.** Static and Dynamic Aspects of Cerebro-Cerebellar Functional Connectivity are Associated with Self-reported Measures of Impulsivity: A Resting-State fMRI Study. *Netw Neurosci*. 2020 Sep 1;4(3):891-909.

Cassoudeulle H., Petit A., **Chanraud S.**, Petit H., Badaut J., Sibon I., Dehail P. Changes in resting-state functional brain connectivity associated with head impacts over one men's semi-professional soccer season. *J Neurosci Res*. 2021 Feb;99(2):446-454.

Edde M., Dilharreguy B., Theaud G., **Chanraud S.**, Helmer C., Dartigues J.F., Amieva H., Allard M., Descoteaux M., Catheline G. Age-related change in episodic memory: role of functional and structural connectivity between the ventral posterior cingulate and the parietal cortex. *Brain Struct Funct*. 2020 Sep;225(7):2203-2218.

Edde M, Di Scala G, Dupuy M, Dilharreguy B, Catheline G, **Chanraud S.** Learning-driven cerebellar intrinsic functional connectivity changes in men. *J Neurosci Res*. 2020 Apr;98(4):668-679.

Edde M., Leroux G., Altena E., **Chanraud S.** Functional brain connectivity changes across the human life span: From fetal development to old age. *J Neurosci Res*. 2020 Jun 18.

Viard A., Mutlu J., **Chanraud S.**, Dégeilh F., Guenolé F., Egler P.-J., Gérardin P., Baleyte J.-M., Dayan J., Eustache F., Guillery-Girard B. Altered default mode network connectivity in adolescents with post-traumatic stress disorder. *Neuroimage Clin*. 2019;22:101731.

Di Scala G., Dupuy M., Guillaud E., Dillhareguy B, Jean F.A.M., Bestaven E. , Doat E., Audiffren M., Cazalets J.R., **Chanraud S.** Functional connectivity associated with posture and gait in younger and older adults. *Exp Ag Res*. 2019 Jan-Feb;45(1):41-56

Martelli C., Petillion A., Brunet-Lecomte M., Miranda Marcos R., **Chanraud S.**, Amirouche A., Letierce A., Kostogianni N., Lemaitre H., Aubin H.J., Blecha L., Reynaud M., Martinot J.L., Benyamina A. Neuropsychological Impairment in Detoxified Alcohol-Dependent Subjects with Preserved Psychosocial Functioning. *Front Psychiatry*. 2017 Sep 29;8:193.

Meyer M., Di Scala G., Edde M., Dilharreguy B., Radat F., Allard M., **Chanraud S.** Brain structural investigation and hippocampal tractography in Medication Overuse Headache: a Native Space Analysis. *Behavioral and Brain Functions*. 2017 Apr 8;13(1):6

Pelletier A., Bernard C., Dilharreguy B., Helmer C., Le Goff M., **Chanraud S.**, Dartigues J.F., Allard M., Amieva H., Catheline G.W. Patterns of brain atrophy associated with episodic memory and semantic fluency decline in aging. *Aging*. 2017 Mar 9;9(3):741-752

Dupuy M. and **Chanraud S.** Imaging the Addicted Brain: Alcohol. *Int Rev Neurobiol*. 2016;129:1-31.

Pelletier A., Periot O., Dilharreguy B., Hiba B., Bordessoules M., **Chanraud S.**, Pérès K., Amieva H., Dartigues J.F., Allard M., Catheline G.. Age-Related Modifications of Diffusion Tensor Imaging

Parameters and White Matter Hyperintensities as Inter-Dependent Processes. *Front Aging Neurosci.* 2016 Jan 19;7:255.

Bernard C., Dilharreguy B., Helmer C., **Chanraud S.**, Amieva H., Dartigues J.F., Allard M., Catheline G.. PCC characteristics at rest in 10-year memory decliners. *Neurobiol Aging.* 2015 Oct;36(10):2812-20.

Le Berre A.P., Pitel A.L., **Chanraud S.**, Beaunieux H., Eustache F., Martinot J.L., Reynaud M., Martelli C., Rohlfing T., Pfefferbaum A., Sullivan E.V. Sensitive biomarkers of alcoholism's effect on brain macrostructure: similarities and differences between France and the United States. *Front Hum Neurosci.* 2015 Jun 23;9:354

Le Berre A.P., Pitel A.L., Chanraud S., Beaunieux H., Eustache F., Martinot J.L., Reynaud M., Martelli C., Rohlfing T., Sullivan E.V., Pfefferbaum A. Chronic alcohol consumption and its effect on nodes of frontocerebellar and limbic circuitry: comparison of effects in France and the United States. *Hum Brain Mapp.* 2014 Sep;35(9):4635-53.

**Chanraud S.**, Di Scala G., Dilharreguy B., Schoenen J., Allard M., Radat F. Brain functional connectivity and morphology changes in medication- overuse headache: Clue for dependence-related processes? *Cephalalgia.* 2014 Jan 21;34(8):605-615.

Radat F., **Chanraud S.**, Di Scala G., Dousset V., Allard M. Psychological and neuropsychological correlates of dependence-related behavior in Medication Overuse Headaches: a one year follow-up study. *J Headache Pain.* 2013 Jul 4;14(1):59.

Sullivan E.V., Müller-Oehring E.M., Pitel A.L., **Chanraud S.**, Shankaranarayanan A., Alsop D.C., Rohlfing T., Pfefferbaum A. A selective insular perfusion deficit contributes to compromised salience network connectivity in recovering alcoholic men. *Biol Psychiatry.* 2013 Oct 1;74(7):547-55.

Zahr N.M., Mayer D., Rohlfing T., **Chanraud S.**, Gu M., Sullivan E.V., Pfefferbaum A. In vivo glutamate measured with magnetic resonance spectroscopy: behavioral correlates in aging. *Neurobiol Aging.* 2013 Apr;34(4):1265-76.

Pitel A.L., **Chanraud S.**, Müller-Oehring E.M., Pfefferbaum A., Sullivan E.V. Modulation of limbic-cerebellar functional connectivity enables alcoholics to recognize who is who. *Brain Struct Funct.* 2013 May;218(3):683-95.

**Chanraud S.**, Pitel A.L., Müller-Oehring E.M., Pfefferbaum A., Sullivan E.V. Remapping the brain to compensate for impairment in recovering alcoholics. *Cereb Cortex.* 2013 Jan;23(1):97-104.

Pitel A.L., **Chanraud S.**, Rohlfing T., Pfefferbaum A., Sullivan E.V. Face-name association learning and brain structural substrates in alcoholism. *Alcohol Clin Exp Res.* 2012 Jul;36(7):1171-9.

Jung Y.C., **Chanraud S.**, Sullivan E.V. Neuroimaging of Wernicke's encephalopathy and Korsakoff's syndrome. *Neuropsychol Rev.* 2012 Jun;22(2):170-80.

**Chanraud S.**, Pitel A.L., Pfefferbaum A., Sullivan E.V.: Disruption of functional connectivity of default-mode network in alcoholism. *Cerebral Cortex.* 2011. Oct;21(10):2272- 81.

Pfefferbaum A., **Chanraud S.**, Pitel A.L., Muller-Oehring E., Shankaranarayanan A., Alsop D.C., Rohlfing T., Sullivan E.V. Cerebral blood Flow in posterior cortical nodes of the default mode network decreases with task engagement but remains higher than in most brain regions. *Cereb Cortex.* 2011. Jan;21(1):233-44.

Colrain I.M., Sullivan E.V., Rohlfing T., Baker F.C., Nicholas C.L., Padilla M.L., **Chanraud S.**, Pitel A.L., Pfefferbaum A.: Independent contributions of cortical gray matter, aging, sex and alcoholism to K-Complex amplitude evoked during sleep. *Sleep.* 2011 Jun 1;34(6):787-95.

Schulte T., Muller-Oehring E., **Chanraud S.**, Rosenbloom M., Pfefferbaum A., Sullivan EV.

Age-related reorganization of functional networks for successful conflict resolution: A combined functional and structural MRI study. *Neurobiol Aging*. 2011 Nov;32(11):2075-90.

**Chanraud S.**, Pitel A.L., Sullivan E.V. Neuroanatomy of Alcoholism: In Vivo Studies from CT to MRI to DTI. *Neuropsychiatric imaging*. Cambridge University Press. 2010.

**Chanraud S.**, Pitel A.L., Rohlfing T., Pfefferbaum A., Sullivan E.V. Dual tasking and working memory in alcoholism: relation to frontocerebellar circuitry. *Neuropsychopharmacology*. 2010. Aug;35(9):1868-78.

Pitel A.L., **Chanraud S.**, Sullivan E.V., Pfefferbaum A. Callosal microstructural abnormalities in Alzheimer's disease and alcoholism : same phenotype, different mechanisms. *Psychiatry Research: Neuroimaging*. 2010. Oct 30;184(1):49-56.

Zahr N.M., Pitel A.L., **Chanraud S.**, Sullivan E.V. Contributions of studies on alcohol use disorders to understanding cerebellar function. *Neuropsychol Rev*. 2010 Sep;20(3):280-9.

Pfefferbaum A., **Chanraud S.**, Pitel A.L., Shankaranarayanan A., Alsop D.C., Rohlfing T., Sullivan E.V.: Volumetric cerebral perfusion imaging in healthy adults: Regional distribution, laterality, and repeatability of Pulsed Continuous Arterial Spin Labeling (PCASL). *Psychiatry Research: Neuroimaging*. 2010. Jun 30;182(3):266-73.

**Chanraud S.**, Zahr N., Sullivan E.V., Pfefferbaum A. MR Diffusion Tensor Imaging: A window into white matter integrity of the working brain. *Neuropsychol Rev*. 2010. Jun;20(2):209-25.

**Chanraud S.**, Leroy C., Martelli C., Kostogianni N., Delain F., Aubin H-J., Reynaud M., Martinot J-L. Episodic memory in detoxified alcoholics: Contribution of grey matter microstructure alteration. *PLoS One*. 2009 .Aug 26;4(8):e6786.

Wessa M., Houenou J., Leboyer M., **Chanraud S.**, Poupon C., Martinot J-L., Martinot- Paillere ML. Microstructural white matter changes in euthymic bipolar patients: A whole- brain diffusion tensor imaging study. *Bipolar Disord*. 2009. Aug;11(5):504-14.

**Chanraud-Guillermo S.**, Andoh J., Martelli C., Artiges E., Pallier C., Aubin H-J., Martinot J-L., Reynaud M. Imaging of language-related brain regions in detoxified alcoholics. *Alcohol Clin Exp Res*. 2009. Jun;33(6):977-84.

**Chanraud S.**, Reynaud M., Wessa M., Cachia A., Artiges E., Kostogianni N., Delain F., Perrin M., Penttilä J., Aubin H-J., Cointepas Y., Martelli C., Martinot J-L. Diffusion tensor tractography in mesencephalic bundles: relation to executive dysfunction in detoxified alcohol-dependent subjects. *Neuropsychopharmacology*. 2009. Apr;34(5):1223-32.

Curie A, Sacco S, Bussy G, de Saint Martin A, Boddaert N, **Chanraud S**, Meresse I, Chelly J, Zilbovicius M, des Portes V. Impairment of cerebello- thalamo-frontal pathway in Rab-GDI mutated patients with pure mental deficiency. *Eur J Med Genet*. 2009. Jan- Feb;52(1):6-13.

**Chanraud S.**, Martelli C., Reynaud M., Delain F., Kostogianni N., Douaud G., Aubin H-J., Martinot J.-L. Brain morphometry and cognitive performance in detoxified alcohol- dependent subjects with preserved social functioning. *Neuropsychopharmacology*. 2007. Feb 32(2):429-38.

Houenou J., Wessa M., Douaud G., Leboyer M., **Chanraud S.**, Perrin M., Poupon C., Martinot JL., Paillere-Martinot ML. Increased white matter connectivity in euthymic bipolar patients: Diffusion tensor tractography between the subgenual cingulate and the amygdalo-hippocampal complex. *Molecular Psychiatry*. 2007. Nov; 12(11):1001-10.

Foucher J.R., Vidailhet P., **Chanraud S.**, Gounot D., Grucker D., Pins D., Damsa C., Danion J.M. Functional integration in schizophrenia : too much or too little? *Neuroimage*. 2005. June 26(2):374-88.

Vidailhet P., Foucher J., **Chanraud S.**, Gounaud D., Danion J.M. The neural correlates of remembering and knowing in schizophrenia: An event related fMRI study. *European Archives of Psychiatry and Clinical Neuroscience* 2003. Dec. 253 (1). 1-32.

### Chapitres d'ouvrages

Bioulac B., Burbaud P., Cazalets J.-R., Gross C., **Chanraud S.**, Michelet T. *EMC Neurologie. Fonctions motrices*. Editions Masson ; En cours de réactualisation.

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**Chanraud S.** and Bernard C. Neuroimagerie de l'alcoolisme chronique. *Annales Médico-psychologiques*. 2015 Feb.

**Chanraud S.**, Sullivan E.V. Compensatory recruitment of neural resources in chronic alcoholism. Aminoff M., Boller F., Swaab D.F. 2014. *Handbook of Clinical Neurology*. 2014

Martelli C., **Chanraud S.**, Reynaud M., Martinot J.L. Neuroimagerie des addictions. *Traité d'Addictologie*. Flammarion. 2006.

**Chanraud S.**, Martelli C., Reynaud M., Martinot J.L. Alcool et neuroimagerie. *Addiction et psychiatrie*. MASSON. 2005.

Martelli C., **Chanraud S.**, Reynaud M., Martinot J.L. Neuroimagerie des addictions. *Addiction et psychiatrie*. MASSON. 2005.

### COMMUNICATIONS AFFICHÉES et ORALES (5 dernières années)

S. Duttagupta, S. Berthoz, I. Sibon, M. Poli, S. Chanraud "Associating disrupted intrinsic functional networks with cognitive and socio-affective skills following cerebellar stroke" Journée de Neuroimagerie chez l'Humain. Bordeaux - 2024

T. Marques, M. Audiffren, N. André, S. Chanraud, S. Pironneau. "Salience Network's functional connectivity in the mechanism of effort and cognitive fatigue" Journée de Neuroimagerie chez l'Humain. Bordeaux - 2024

S. Chanraud, V. Chirokoff S. Berthoz. "Imagerie cérébrale, addiction et craving » Congrès ATHS Biarritz Octobre 2023. *Invitée*

S. Duttagupta, S. Berthoz, I. Sibon, M. Poli, S. Chanraud "Associating disrupted intrinsic functional networks with cognitive and socio-affective skills following cerebellar stroke." 36<sup>th</sup> ECNP Congress. Barcelone Octobre 2023.

V. Chirokoff, K.M. Pohl, S. Berthoz, M. Fatseas, D. Misdrahi, F. Serre, M. Auriacombe, J. Swendsen, A. Pfefferbaum, E.V. Sullivan, & S. Chanraud. "White matter integrity interacts with prognostic factors of relapse in Substance Use Disorders" Stanford Neurosciences Forum – 2023

V. Chirokoff, G. Di Scala, J. Swendsen, B. Dilharreguy, S. Berthoz & S. Chanraud. "Neural bases of learning-related metacognition: Task-induced changes in resting state networks" OHBM 2021

L. Sebag, S. Chanraud, V. Chirokoff, G. Catheline, W. Mayo, I. Sibon, S. Berthoz. "CCAS: an emphasize on its Affective dimensions using resting-state connectivity". NeuroFrance 2021

C. Bernard, B. Dilharreguy, H. Font, A. Ndoye Diop, J.M. Tine, I. Cissé Diakhate, M. Seydi, J.F. Dartigues, S. Chanraud, F. Dabis, G. Catheline, F. Bonnet. "Infection à VIH et modifications cérébrales chez des adultes âgés de 50 ans ou plus vivant au Sénégal" AFRAVIH 2020.



M. Abdallah, N.M. Zahr, M. Saranathan, N.Honorat, S. Chanraud, E.V. Sullivan." Frontocerebellar dynamics in alcoholism". Research Society of Alcoholism. Online. 2020.

M. Abdallah, M. Dupuy, J. Swendsen, D. Misdrahi, N. Farrugia, S. Chanraud."Cortico-Cerebello Dynamic Functional Connectivity: Relation with Behavior and Cognition in Health and Disease." Cerebellum Day. Strasbourg. 2019

M. Abdallah, V. Chirokoff, N. Farrugia., S. Chanraud. "Associating Trait Impulsivity with rs-fMRI Dynamics of Cortico-Cerebellar networks estimated via Hidden Markov Model". OHBM congress Roma. June 2019.

J. Swendsen, M. Dupuy, P. Schweitzer, M. Fatseas, F. Serre, D. Misdrahi, M. Auriacombe, S. Chanraud. "Smartphone-Based Assessment of Executive Functions and the Real-Time Prediction of Symptoms in Schizophrenia and Substance Use Disorders"; American Association of Psychiatry. San Francisco. May 2019.

M. Abdallah, M. Dupuy, D.Misdrahi, M.Auriacombe, M.Fatséas,F .Serre, N.Farrugia, J.Swendsen, S. Chanraud. "Linking fMRI to Mobile Technologies in Schizophrenia: Pathophysiology of Executive Deficits". OHBM congress Singapore. June 2018.

M. Abdallah, M. Dupuy, D.Misdrahi, N.Farrugia, J.Swendsen, S. Chanraud. "Cortico-Cerebello Dynamic Functional Connectivity: Relation with Behavior and Cognition in Health and Disease." Doctoral School congress Talence. April 2018

Infection à VIH et modifications cérébrales chez des adultes âgés de 50 ans ou plus vivant au Sénégal » AFRAVIH 2020.

M. Abdallah, N.M. Zahr, M. Saranathan, N.Honorat, S. Chanraud, E.V. Sullivan." Frontocerebellar dynamics in alcoholism". Research Society of Alcoholism. Online. 2020.

M. Abdallah, M. Dupuy, J. Swendsen, D. Misdrahi, N. Farrugia, S. Chanraud."Cortico-Cerebello Dynamic Functional Connectivity: Relation with Behavior and Cognition in Health and Disease." Cerebellum Day. Strasbourg. 2019

M. Abdallah, V. Chirokoff, N. Farrugia., S. Chanraud. "Associating Trait Impulsivity with rs-fMRI Dynamics of Cortico-Cerebellar networks estimated via Hidden Markov Model". OHBM congress Roma. June 2019.

J. Swendsen, M. Dupuy, P. Schweitzer, M. Fatseas, F. Serre, D. Misdrahi, M. Auriacombe, S. Chanraud. "Smartphone-Based Assessment of Executive Functions and the Real-Time Prediction of Symptoms in Schizophrenia and Substance Use Disorders"; American Association of Psychiatry. San Francisco. May 2019.

M. Abdallah, M. Dupuy, D.Misdrahi, M.Auriacombe, M.Fatséas,F .Serre, N.Farrugia, J.Swendsen, S. Chanraud. "Linking fMRI to Mobile Technologies in Schizophrenia: Pathophysiology of Executive Deficits". OHBM congress Singapore. June 2018.

M. Abdallah, M. Dupuy, D.Misdrahi, N.Farrugia, J.Swendsen, S. Chanraud. "Cortico-Cerebello Dynamic Functional Connectivity: Relation with Behavior and Cognition in Health and Disease." Doctoral School congress Talence. April 2018

White matter integrity interacts with prognostic factors of relapse in Substance Use Disorders » Stanford Neurosciences Forum – 2023

V.Chirokoff, G. Di Scala, J. Swendsen , B.Dilharreguy , S.Berthoz & S. Chanraud. "Neural bases of learning-related metacognition:Task-induced changes in resting state networks" OHBM 2021

L. Sebag, S. Chanraud, V. Chirokoff, G. Catheline, W. Mayo, I. Sibon, S. Berthoz. "CCAS: an emphasize on its Affective dimensions using resting-state connectivity". NeuroFrance 2021

C. Bernard, B. Dilharreguy, H. Font, A. Ndoeye Diop, J.M. Tine, I. Cissé Diakhate, M. Seydi, J.F

Dartigues, S. Chanraud, F. Dabis, G. Catheline, F. Bonnet. « Infection à VIH et modifications cérébrales chez des adultes âgés de 50 ans ou plus vivant au Sénégal » AFRAVIH 2020.

M. Abdallah, N.M. Zahr, M. Saranathan, N. Honnorat, S. Chanraud, E.V. Sullivan. "Frontocerebellar dynamics in alcoholism". Research Society of Alcoholism. Online. 2020.

M. Abdallah, M. Dupuy, J. Swendsen, D. Misdrahi, N. Farrugia, S. Chanraud. "Cortico-Cerebello Dynamic Functional Connectivity: Relation with Behavior and Cognition in Health and Disease." Cerebellum Day. Strasbourg. 2019

M. Abdallah, V. Chirokoff, N. Farrugia., S. Chanraud. "Associating Trait Impulsivity with rs-fMRI Dynamics of Cortico-Cerebellar networks estimated via Hidden Markov Model". OHBM congress Roma. June 2019.

J. Swendsen, M. Dupuy, P. Schweitzer, M. Fatseas, F. Serre, D. Misdrahi, M. Auriacombe, S. Chanraud. "Smartphone-Based Assessment of Executive Functions and the Real-Time Prediction of Symptoms in Schizophrenia and Substance Use Disorders"; American Association of Psychiatry. San Francisco. May 2019.

M. Abdallah, M. Dupuy, D. Misdrahi, M. Auriacombe, M. Fatséas, F. Serre, N. Farrugia, J. Swendsen, S. Chanraud. "Linking fMRI to Mobile Technologies in Schizophrenia: Pathophysiology of Executive Deficits". OHBM congress Singapore. June 2018.

M. Abdallah, M. Dupuy, D. Misdrahi, N. Farrugia, J. Swendsen, S. Chanraud. "Cortico-Cerebello Dynamic Functional Connectivity: Relation with Behavior and Cognition in Health and Disease." Doctoral School congress Talence. April 2018

## **DIVERS**

### **Activités Administratives:**

De 2017 à 2021 : Membre de la Commission du Personnel UMR 5287.

### **Participation jury de thèse et HDR:**

Emmanuelle BAILLET Thèse de Sciences - 2023

David CORREDOR Thèse de Sciences - 2023

Victor NOZAIS Thèse de Sciences - 2023

Catherine MARTELLI Thèse de Médecine - 2021

Mathilde SALAGNON Thèse de Sciences - 2021

Samuel SARRAZIN Thèse de Sciences - 2020

Caroline LAVENANT Thèse de Médecine - 2019

Alice LANIEPCE Thèse de Sciences - 2019

### **Commission Suivi de Thèse :**

Célia Soussi Thèse de Sciences

David Corredor Thèse de Sciences

Mathilde Salagnon Thèse de Sciences

### **Expertises d'articles et Commissions:**

- Editrice Associée pour *Journal of Neuroscience Research*
- Membre éditorial pour *Frontiers in Behavioral Neuroscience*
- Experte pour Marie Curie Fellowships et Bourses AHPH
- Articles (moyenne de 10/an) régulièrement reviewés pour: *Frontiers*, *Archives of General Psychiatry*, *Biological Psychiatry*, *Neuropsychologia*, *Alcoholism Clinical and Experimental Research*, *Neurobiology of Aging*, *Psychiatry Research*, *Journal of Neuroscience Research*.

### **Activités d'animation de la Recherche**

- Participation à la Fête de la Science et la semaine du cerveau.
- Participation à Declics permettant la découverte du métier chercheur auprès des Lycéens.
- Formation dans des écoles primaires de Gironde pour Professeurs des Ecoles: "Rôle des émotions dans l'apprentissage".