

**PERSONAL INFORMATION**

Family name: **DREHER**, First name: **Jean-Claude**

Nationality: French

ORCID ID: [0000-0002-2157-1529](https://orcid.org/0000-0002-2157-1529) URL for web site: <https://dreherteam.wixsite.com/neuroeconomics>

**EDUCATION**

2006 Habilitation to supervise PhD students

1999 Jan 28th Ph.D in cognitive neuroscience (Summa Cum Laude). INSERM, Paris VI University. Supervisor: Thesis title: "Model of dopamine modulation in the prefrontal cortex and study of sensori-motor sequences in schizophrenia".

1996 Research degree in psychopathology, graduated with distinction, Paris VII University

1993 Master's degree in cognitive science (DEA: "Diplôme d'Etudes Approfondies"), graduated with distinction, PARIS-SACLAY University (ranked 1<sup>st</sup> in France by ARWU)

1992 Master's degree in Mathematics, PARIS-SACLAY University (previously Paris XI Orsay)

1992-1993 Clinical training in psychiatry (Versailles Hospital).

**CURRENT POSITION**

May 2004-current PI, head of the "Neuroeconomics, Reward and decision making" group  
Since May 2010: Research Director at CNRS  
Institut des Sciences Cognitives Marc Jeannerod, CNRS UMR 5229, Lyon, France

**PREVIOUS POSITIONS**

June 2000-April 2004: Post-doctoral fellowship supervised by Karen Berman and Daniel Weinberger. Unit on Integrative Neuroimaging. Clinical Brain Disorders Branch, NIMH, NIH, USA.

May 1999- May 2000: Post-doctoral fellowship supervised by Jordan Grafman. Cognitive Neuroscience Section, NINDS, NIH, USA.

**FELLOWSHIPS AND AWARDS**

2001 Award of the Human Brain Mapping

2002 and 2003 Fellow Award for Research Excellence at the National Institutes of Health

2009 to current Excellence 'prime' from the CNRS

2015 – 2016 : EURIAS award (sabbatical at the Institute for Advanced Studies HWK, Germany).

2021-2022 : IBRO Science of Learning fellowship, UNESCO, Geneva

2022: Prix 'Eloi-Collery' de l'Académie de Médecine

**SUPERVISION OF GRADUATE STUDENTS AND POSTDOC FELLOWS, TRAINING PROGRAMS & SUPPORT**

2004-2023 **12 supervised Post-docs** (2 currently). The 10 post-docs who left the lab have found a permanent position (J. Redouté: research engineer at Lyon Neuroimaging Center, X. Caldu: associate professor at Barcelona University, I. Obeso: PI at San Pablo University, Madrid; S Park: cnrs researcher; C Michelli: Researcher in Toronto; M Pedroza: assistant professor at California State University; D. O'Connor: scientific writer; M Sestito, permanent researcher, USA; Y. Li: associate professor at Nanjing University, Y. Hu: assistant professor at ECNU, Shanghai); **13 PhD students** (4 currently, most PhD students have found post-docs abroad); Over 30 Master Students at the 'Neuroeconomics, Reward and decision making' group, ISCMJ, CNRS, Lyon, France. **This demonstrates outstanding leadership in training and advancement of young scientists.**

**TEACHING ACTIVITIES**

- 2005-2015: Organization of the module 'Reward processing and Decision making' from master 2 «Recherches Neurosciences », Lyon
- 2016-current: Organization of the 'UE Systems Neuroscience : from molecule to cognition' at Ecole Normale Supérieure (ENS), Lyon. Biology Master of Neuroscience 'Europe', 1 full week/year.
- 2021-current: 'Neuroeconomics' Course at University Lyon 2 (master 2 Behavioral economics), 20h.
- Spring 2018 and 2024: teaching to master in neuroscience at NYU Shanghai and EPFL (Lausanne).
- Development of teaching materials: Editor of the books: **"Decision Neuroscience"**, Academic Press, Elsevier, 2016, <https://www.elsevier.com/books/decision-neuroscience/dreher/978-0-12-805308-9>
- "Handbook of Reward and decision making", Academic Press, Elsevier, 488 pages, 2009. [http://www.elsevier.com/wps/find/bookdescription.cws\\_home/719325/description#descriptio](http://www.elsevier.com/wps/find/bookdescription.cws_home/719325/description#descriptio)

**GRANTS 2005-2025:** AS PI I HAVE RECEIVED GRANTS FOR A TOTAL OF OVER **3.6 MILLIONS €**

**EXPERT FOR GRANTING AGENCIES, BOOK PUBLISHERS AND UNIVERSITIES:**

ERC STARTING GRANTS , WELLCOME TRUST (UK), NATIONAL SCIENCE FOUNDATION, FP6 AND FP7 EUROPEAN COLLABORATIVE PROGRAM GRANTS, - NWO GRANTS, ELSEVIER ACADEMIC PRESS, FNRS, EXPERT FOR THE REVIEW OF THE GHENT UNIVERSITY PSYCHOLOGY DEPARTMENT

**INSTITUTIONAL RESPONSIBILITIES**

2021-2023 President of the ANR committee (CE37) 'Integrative and Cognitive Neuroscience'  
 2004 – current Faculty member, Lyon 1 University, School 'Neuroscience and Cognition', France  
 2005 – current Graduate Student Advisor, Lyon 1 University, Neuroscience and Cognition, France  
 2020 – current Member of the BRIO Committee, EM-Lyon (<https://www.brio.institute/members>)  
 2006 – present Organizer of the weekly Internal Seminar, Cognitive Neuroscience Center, CNRS, Lyon  
 2021 – present Member of the Complex Systems society from ENS-Lyon (<https://www.ixxi.fr/>)

**REVIEWING ACTIVITIES**

2012 –2018 Scientific Advisory Board of the Neuroscience Consortium of excellence, Labex Cortex, Lyon 1 University, France (<https://www.labex-cortex.com/en>)  
 2006 –2016 Scientific Advisory Board of the graduate Neuroscience program 'NSCo' dedicated to research on the brain and its functions  
 2005 – 2015 Review Board for the Ph.d fellowship of Neuroscience master students, Lyon 1  
 2007 – present Graduate Admissions Committee, Dept. of Neuroscience, Lyon 1 University  
 2008 – 2013 Review panel member for FP6 and FP7 grant evaluations (Bruxelles, Belgium)  
 2010 – present Review editor for Frontiers in Human Neuroscience and Frontiers in Decision Neuroscience  
 2016 – present Editorial board member of the Journal of Neuroscience, Psychology and Economics  
 2012 – present Editorial Board member of Frontiers in Behavioral Neuroscience  
 2005 – present Scientific Evaluation for grants from Wellcome trust, NSF, FRNS and NWO agencies  
 2013 – present Evaluator, Psychology department, Ghent University, Belgium  
 2005 – present Member of the Colloquium Committee, ISCMJ, Lyon, France

**AD-HOC REVIEWER FOR PEER-REVIEW JOURNALS**

Science, Nature neuroscience, Trends in Neuroscience, PNAS, Journal of Neuroscience, Cerebral Cortex, Neuroimage, Biological Psychiatry, Psychological Science, Psychopharmacology, ...

**MEMBERSHIP OF SCIENTIFIC COMMITTEES**

2000 – current Member of the Society for Neuroeconomics , Social and Affective Neuroscience Society, Society for Neuroscience, Human Brain Mapping, Société des Neurosciences Française  
 2006 - current Referee of around 10 Ph.d thesis committees (including president of Ph.d jury).

**SCIENTIFIC DIFFUSION**

- Editor of the book "Decision Neuroscience", Academic Press, Elsevier, 2016  
 - Editor of the Handbook on "Reward and decision making", Academic Press, published by Elsevier (2009)  
 - 2002-2021: Regular media coverage by international radio, tv and articles published in newspapers and magazines for the general public. <https://dreherteam.wixsite.com/neuroeconomics/media>

**PUBLICATIONS, TALKS**

I have published over 84 publications many in first class journals as first or last author.

I gave 117 talks and published 149 acts of colloques with peer reviews.

<https://dreherteam.wixsite.com/neuroeconomics/publications>

**ORGANIZATION OF SYMPOSIA IN INTERNATIONAL CONFERENCES**

- "Fundamental and clinical neuroimaging approaches to reward processing", Human Brain Mapping meeting, Melbourne, Australia, 2008  
 - 'Reward and decision making: electrophysiological, pharmacological and neuroimaging approaches', Société des Neurosciences, May 26-29, 2009, Bordeaux, France  
 - Executive Functions session, HBM 2009, San Francisco  
 - Emotion and Motivation session, HBM 2010, Barcelone  
 - 'Model-based fMRI and decision making, Société des Neurosciences, May 2013, Lyon, France  
 - Workshop on Decision Neuroscience, Institute for Advanced Studies HWK, June 2016, Germany, <https://www.h-w-k.de/index.php?id=459>  
 - Organization of around 10 invitations per year of international speakers at the Institute of Cognitive Science and at the laboratory of excellence Labex Cortex: <http://www.labex-cortex.com/en/news>