

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 1st 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#description

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 Fransisco
 - 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>