





PERSONAL DETAILS



Patrizia Fattori

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Gender female | Date of birth 12/11/1966 | Nationality Italian

ACADEMIC CAREER

February 1st 2016	<p>Full Professor of Physiology University of Bologna Department of Biomedical and Neuromotor Sciences (2018-at present) Department of Pharmacy and Biotechnology (2016-2018)</p>
2001-2015	<p>Associate Professor of Physiology University of Bologna Department of Pharmacy and Biotechnology (2012-2015) Department of Human and General Physiology (2001-2012)</p>
1993-2001	<p>University Researcher of General Physiology University of Bologna Department of Human and General Physiology</p>
6/12/1994	<p>Ph.D in Neuroscience University of L'Aquila Ph.D Thesis: "Real-position cells in area V6A of the monkey".</p>
1991-1993	<p>Ph.D student in Neuroscience University of L'Aquila</p>
1989-1991	<p>Research Assistant University of Bologna Institute of Human Physiology</p>
1989	<p>Master Degree in Pharmacy, cum laude. University of Bologna Experimental Thesis in Pharmacy: "Neural correlates of visual perception of motion"</p>

SCIENTIFIC ACTIVITY

Patrizia Fattori has always been a researcher in the field of Neuroscience, and specifically the Neurophysiology of Visuomotor Processes.

Periods of interruption of activity:

- 14/07/1996 - 18/12/1996 compulsory maternity leave;
- 19/02/2002 - 18/07/2002 compulsory maternity leave ;
- 21/09/2004 - 20/02/2004 compulsory maternity leave.

Total scientific production Patrizia Fattori authored about 100 scientific papers on peer reviewed international journals. She also coauthored 8 peer-reviewed book chapters and about 200 abstracts presented at international meetings.

Bibliometric indices H index 50
 Citations 8487
 Source: Google Scholar (February 2024)

International research grants since 2000

2023-2027 **European Union: HORIZON-MSCA-101086206 : PLACES - Plasticity of perception in real and virtual spaces**

- Principal Investigator

- 2021-2024 **European Union: H2020-951910-FET.PROACT – MAIA - Multifunctional, adaptive and interactive AI system for Acting in multiple contexts**
 - 2020-2023
 - Coordinator
 - 2017-2023 **EU ICT-48- H2020 -952026 Humane AI Net- European network of human-centered artificial intelligence**
 - Participant
 - 2015-2018 **European Union: H2020-MSCA-734227 – PLATYPUS PLAsticiTY of Perceptual space Under Sensorimotor interactions**
 - Principal investigator
 - 2015-2018 **Australian Government: NHMRC- APP1082144 - National Health and Medical Research Council**
 - Chief Investigator
 - 2014-2016 **European Union: FP7-PEOPLE-2011-IOF LIF 300452 MIP for Action**
 - Coordinator
 - 2012-2015 **Australian Government: National Health and Medical Research Council-APP1020839**
 - Associate investigator
 - 2008-2010 **European Union: FP7-ICT- 217077-EYESHOTS**
 - Principal investigator.
 - 2007-2008 **Australian Research Council: (Scientific Head: Prof. Marcello Rosa, Melbourne, Australia)**
 - Associate investigator
 - 2006-2007 **Galileo Project: Italy-France bilateral agreement for scientific collaboration with INSERM, unit 534: Dr. Laure Pisella**
 - Principal investigator.
 - 2005-2008 **European Union: FP6-IST-027574-MATHESIS**
 - Participant
- National Research Grants
- 2022-2025 **PRIN 2020: 20208RB4N9**
 - Principal investigator.
 - 2020-2021 **CARISBO ALTE COMPETENZE**
 - Principal investigator.
 - 2019-2020 **CARISBO INTERNATIONAL**
 - Principal investigator.
 - 2019-2022 **PRIN 2017: 2017KZNZLN**
 - National Coordinator

- 2018-2020 **PRIN 2015: 2015AWSW2Y**
Visuospatial attention, motor intention, action affordance and brain plasticity: neurophysiology and network analysis.
 ▪ National Coordinator
- 2019 **CARISBO**
La corteccia parietale umana: una regione chiave nel controllo visuomotorio
 ▪ Principal investigator.
- 2010-2012 **PRIN2008**
Advanced methods for the study of cortical connectivity during simple visuo-motor tasks
 ▪ Principal investigator.
- 2006-2007 **University Strategic Project**
Neuromathematics of Visual cognition
 ▪ Participant
- 2004-2006 **National Research Project of MIUR**
Measurement and decoding of neural activity during memory guided reaching movements
 ▪ Principal investigator.
- 2000-2002 **National Research Project of MURST**
Visual perception and visuo-motor transformations
 ▪ Principal investigator.

Role in directing Scientific International Societies

- 2019-present Member of IWINAC (International Work-Conference on the Interplay between Natural and Artificial Computation) Scientific Committee
- 2019-2023 Vision Sciences Society: member of Scientific Awards Committee
- 2020-2023 Vision Sciences Society: member of the Davida Teller Award Committee
- 2012-2017 Member of the Executive Council of the Mediterranean Neuroscience Society

ACTIVITIES AS RESEARCH EXPERT

Panel Member in international research agencies

Member College of Expert Reviewers for ESF (European Science Foundation).
 Member of Expert Panel Med5 of FWO, Belgium.
 Member of the panel for Research Executive Agency, Excellence Science, Bruxelles.
 Member of the Panel FET-OPEN 2019; FET-OPEN 2020
 Panel Meeting – HEALTH 2020: Norway_Romania UEFiscdi
 Member of the Panel of “Integrative and Cognitive Neuroscience” (CE37) of ANR (Agence de la Recherche France) 2021.

Activity in evaluation of research international agencies

Reviewer of research grants in several international funding agencies, the most prestigious of which are:

NSF – National Science Foundation (USA),
 ERC – European Res. Council (EU),
 Wellcome Trust (UK),
 ANR – Agencie Nationale de Recherche (France),
 FWO – Research Foundation- Flanders, Panel Med5 (Belgium),
 F.R.S.-FNRS - Fund for Scientific Research (Belgium),
 DFG - German Science Foundation (Germany),
 STW (Netherlands),
 NWO (Netherlands),
 EEA (Romania, Norway)
 ESF
 EU: FP7 e H2020
 ERC

Peer reviewer for the University of Leuven (K.U. Leuven) for evaluating candidates

for permanent positions (junior BOFZAP).

“Rapporteur” for CNRS (France) for the evaluation of positions of Directeur de Recherche.

Member of the search committee of KU Leuven for ‘Research Professor’

Organization of scientific international events

Co-Chair (together with Elena Fabbri, Giorgio Aicardi, Roberto Amici) of the Organizing Committee of the joint meeting FEPS-SIF 2019, Bologna, Italy.

Co-organizer (with Prof. Alex Sarti, CREA, Paris and Prof. Giovanna Citti UNIBO) of the periodic seminar series in Neuromathematics (2016-present).

Member of the Scientific Organizing Committee of the Mediterranean Neuroscience Society conference, 2015 Cagliari, Italy.

Member of the Review Committee of the 2017, 2018, 2019, 2020, 2022 Annual Vision Sciences Society meeting.

Member of the Review Committee of the Meeting IWINAC 2019: International Work-Conference on the Interplay between Natural and Artificial Computation.

Chair of the symposium: “Cognitive functions for actions from early monkey to human” 2019, 7th Mediterranean Neuroscience Conference, Marrakech, Morocco.

Chair of Symposium: “From objects to actions: dynamics in parietal and frontal cortex” Annual Meeting, Society for Neuroscience, Washington D.C., 2014

Co-organizer with Ehud Zohary of the Symposium: “Cortical mechanisms involved in arm action planning and organization” joint SINS-Israeli Society of Neuroscience , Catania, April 2012.

Co-organizer with Leonardo Fogassi of the Symposium: “The visuomotor roles of the dorsal fronto-parietal networks” SIF, Italian Society of Physiology, Verona, September 2012.

Co-organizer with James A. Bourne of the Symposium: “Unravelling The Anatomy And Functions Of The Medial Visual Cortex: Experimental And Clinical Approaches” IBRO WORLD CONGRESS OF NEUROSCIENCE, Melbourne, July 2007.

Member of the Organizing Scientific Committee of the 57th Meeting of the Italian Society of Physiology. Ravenna, September 2006.

Co-organizer with Jody C. Culham of the Satellite Workshop “The role of Vision in Grasping” Vision Sciences Society meeting, Sarasota, Florida, May 2005.

Organizer of Symposium: “Visuomotor functions of the dorsomedial parietal cortex in human and non-human primates” FENS Forum, Lisbona, July 2004

Editorial Board in International Journals

Frontiers in Integrative Neuroscience,
Scientific Data (Nature Publishing Group)
Scientific Reports (Nature Publishing Group)
Prosthesis
Frontiers in Human Neuroscience – Cognitive Neuroscience
Brain Sciences

Referee in international Scientific Journals

Neuron,
The Neuroscientist
Experimental Brain Research
Neuropsychologia
Brain Research Bulletin
BMC Neuroscience
European Journal Neuroscience

Journal of Neuroscience
Cerebral Cortex
Journal of Neurophysiology
Journal of Physiology
Nature
Human Brain Mapping
Cortex
Brain and Behavior
Neuroimage
Journal of Vision
Scientific Reports
EBioMedicine (Lancet)
Progress in Neurobiology
IEEE Access
PNAS
Current Biology
Advances in Biological Regulation
Brain Structure and Function
e-life
Trends in Cognitive Sciences
Vision Research
IEEE Open J. Eng. Medicine Biol.

Memberships Society for Neuroscience (SfN)
Vision Sciences Society (VSS)
Neural Control of Movement (NCM)
European Biomedical Research Association (EBRA)
Federation of European Neuroscience Societies (FENS)
Physiological Society of Italy (SIF)
Italian Neuroscience Society (SINS)

Fellowships and Awards

Member of the Scientific Board of Istituto Studi Avanzati UNIBO (2020-present)
Member of the Scientific Council of Collegio Superiore of University of Bologna (2019- 2021);
and 2023-present)
Vision Sciences Society: member of the Davida Teller Award Committee (2020-2022)
Member of the Executive Council of the Mediterranean Neuroscience Society (2012-2017)