

## L. FEDERICO ROSSI, PHD

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Italian, British

### Research interests

SENSORIMOTOR CIRCUITS - DENDRITES - TRANSCRIPTOMICS

### Education

UNIVERSITY COLLEGE LONDON	London
2018 <b>PhD in Neuroscience</b> Advisor: Prof. M. Carandini. Collaborator: Prof. D.M. Kullmann	
SCUOLA NORMALE SUPERIORE	Pisa
2012 <b>Master Diploma in Neurobiology</b>	
HARVARD MEDICAL SCHOOL	Boston
2011 <b>Summer Research Fellow.</b> Supervisor: Prof. S.R. Datta	
UNIVERSITY OF PISA	Pisa
2012 <b>Master of Science in Neurobiology, summa cum Laude</b>	
2010 <b>Bachelor in Biological and Molecular Sciences, summa cum Laude</b> Research supervisor: Dr. G.M. Ratto	
SCUOLA NORMALE SUPERIORE	Pisa
2010 <b>Bachelor Diploma in Molecular Biology</b>	
LICEO SCIENTIFICO FRANCESCO REDI	Arezzo
2007 <b>Maturita' Liceo Scientifico, 100/100.</b>	

### Employment

WOLFSON INSTITUTE FOR BIOMEDICAL RESEARCH, UCL	London
2021-present <b>Sir Henry Wellcome Fellow.</b> Advisor: Prof. M. Häusser	
INSTITUTE OF OPHTHALMOLOGY, UCL	London
2021 <b>Senior research Associate</b> (Successful promotion application)	
2018 <b>Research Associate.</b> Advisors: Prof. M. Carandini and Prof. K.D. Harris	

### Fellowships and Funding

2021-2025	Sir Henry Wellcome postdoctoral fellowship <i>Mapping sensory-motor cerebellar circuits for adaptive behaviour</i>	GBP 300,000
2013	<b>Guarantors of Brain Travel Award</b> for presentation at SfN	GBP 1,000
2012-2016	<b>Wellcome Trust Four Year Scholarship in Neuroscience</b> <i>Single neuron connectomics and functional mapping in visual cortex</i>	GBP 160,000
2011	<b>Giovanni Armenise – Harvard Summer Fellowship</b>	€ 5,000
2007-2012	<b>Scuola Normale Superiore Five Year Excellence Studentship</b> <i>Mathematics, Physics and Natural Sciences class, &lt;5% entrance rate</i>	~ € 50,000

### Awards

2021	<b>Neuroscience Early Career Prize, University College London</b> <b>Research Excellence Award, UCL Institute of Ophthalmology</b>
2019	<b>Best Talk Prize, UCL Institute of Ophthalmology ECR Symposium</b>
2017	<b>Jon Driver Prize, UCL outstanding PhD student in Neuroscience</b>

### Reviewing activities

2021-present	Review Editor, <i>Frontiers in Neural Circuits</i> Reviewer for <i>Scientific Data</i>
2020	Reviewer for the <i>Journal of Neuroscience</i>

## Institutional responsibilities

2020-present UCL Neuroscience Careers Network Committee member; organiser of Grant Writing Workshop.

## Invited talks

2021	UCL Early Career Neuroscience Prize lecture	London
2021	UCL Institute of Ophthalmology Annual Lecture & Awards	London
	University of Padua, Dept. Biomedical Sciences	Padova
2020	Italian Institute of Technology, Neural Circuit Club.	Genova
	Neuromatch 3.0 ( <a href="#">watch on Youtube</a> )	Neuromatch
	UCL Institute of Ophthalmology Lates Seminar	London
	UK Dementia Research Institute Friday Forum	London
2019	UCL Institute of Ophthalmology Early Career Researcher Symposium	London
	Riken Brain Science Institute, Tokyo, Japan	Tokyo
2018	Department of Physiology, University of California, San Francisco	San Francisco
	Department of Physiology, Anatomy and Genetics, University of Oxford	Oxford
2017	Jon Driver Prize Lecture, Neuroscience Symposium, University College London	London

## Competitive workshops attended

2021	Leadership in Action Programme, KCL-UCL	London
2015	FENS-Cajal Advanced Course in Computational Neuroscience. <i>Champalimaud Center for the Unknown</i>	Lisbon
2013	Optical Imaging and Electrophysiological Methods in Neuroscience <i>École des Neurosciences Paris Île-de-France</i>	Paris

## Supervision & Mentoring

2021	Sam Clothier   M. Sc candidate in Neuroscience
	Anyi Liu   PhD candidate in Neuroscience
	Anja Schwartzlose   M.Sc candidate in Neuroscience
2020	Adam Tong   M.Sc candidate in Neuroscience
	Morio Hamada   Ph.D candidate at Sainsbury Wellcome Centre for Neuroscience
2019	Naureen Ghani   M.Sc candidate in Neuroscience
2012-18	Armenise-Harvard Summer Research Fellows seminars on 'PhD in Europe or USA?'   Mentor

## Major Collaborators

- Prof. Kenneth Harris, Institute of Neurology, UCL, *Functional neuromics of the cerebral cortex.*
- Prof. Kirill Volynsky & Dr. Rob Wykes Clinical and Experimental Epilepsy, UCL, *Cortical dynamics of epileptic seizures and cortical spreading depression,*
- Prof. Brent Doiron, *Neural coding and network dynamics*, Dpt. of Neurobiology, University of Chicago
- Dr. Sylvia Schroeder, Dpt. of Neurobiology, University of Sussex. *Visuo-motor integration in the superior colliculus.*

## Public Engagement

2018	Pint of Science and <a href="#">Creative Reaction Festival</a> , Cambridge, UK	Festival Coordinator
	Research Images as Art - Art Images as Research, UCL	Contributor
2017	Creative Reactions Festival, Cambridge, UK	Organiser
	Art of Science Exhibition, Moofields Eye Hospital	Contributor