DANIELA SADERI, Ph.D.

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EDUCATION

2019   **Ph.D.**, Oregon Health and Science University (OHSU)
School of Medicine, Neuroscience Graduate Program, Department of Otolaryngology
Dissertation: Modulation of neural activity in auditory cortex and midbrain by sensory and behavioral context
Advisor: Stephen David, Ph.D.

2008-2010   **M.Sc.**, University of Trieste/International School of Advanced Studies
Department of Neuroscience
Dissertation: The role of gephyrin in regulating GABAergic synaptic activity and $GABA_A$ receptor mobility in hippocampal cultured neurons
Advisor: Enrico Cherubini, M.D./Ph.D.

2001-2006   **B.Sc.**, Biology, University of Milan,
Department of Molecular Biology
Dissertation: Analysis of lethal synthetic mutations with deletion of ALK2 in *Saccharomyces cerevisiae*
Advisor: Marco Muzi-Falconi, Ph.D.

PROFESSIONAL HISTORY

2017-Present   **PREreview** (prereview.org)
Co-Founder and Executive Director
PREreview is a fiscally sponsored project of the non-profit organization Code for Science & Society with the mission of bringing equity and transparency to the scholarly peer review system.
As Executive Director, I am responsible for managing operations, leading product and program development, as well as building and executing our funding, partnerships, and sustainability strategies.

2019-2021   **Outbreak Science Rapid PREreview** (outbreaksci.prereview.org)
Product and Project Lead
In 2019, PREreview and Outbreak Science joined forces to develop a platform for the rapid and open review of preprints in the context of outbreaks. Outbreak Science Rapid PREreview and PREreview preprint review platforms have recently merged (prereview.org/reviews).

2018-2019   **Mozilla Foundation**
Open Science Fellow

I was one of a diverse and global cohort of 25 Fellows tasked with bringing our expertise to build a more secure, inclusive, and decentralized internet. My primary focus during this 10-month fellowship was to grow and scale our impact at PREreview, engaging global communities of researchers in the open review of scholarly output.

2019	**OpenCon Cascadia** (opencon-cascadia.github.io) **Organizer** With the help of a diverse group of technologists and open science practitioners and advocates, I organized of satellite conference of the international OpenCon, with a focus on mentorship and collaboration amongst local organizations and individuals explored through an equity lens.
2017-2019	**Mozilla Open Leaders** **Mentor, Expert** Mozilla Open Leaders was a program that engaged thousands of individuals from all over the world, training them in the design and implementation of open projects, movement building, and leadership. After going through the program as a mentee, I was involved in mentoring three other project leads and shared my expertise with more than 10 other projects.
2018	**Python Neuroscience Bootcamp at Oregon Health and Science University** **Coordinator and Instructor** In response to the lack of programming training opportunities for neuroscientists at my PhD institution, I coordinated, developed materials for, and run a new programming course specifically developed for neuroscientists. All materials were made available under MIT License on GitHub.
2017-2018	**Women in Science Portland** (womeninsciencepdx.org) **Fundraising steering committee member, Grant Manager** As part of the fundraising steering committee of this young, local non-for-profit organization of women scientists, I helped build the initial fundraising strategy and organize fundraising events.
2016-2017	**Science Hack Day Portland** (portland.sciencehackday.org) **Organizer, Facilitator** In 2016 and 2017, I was part of the organizing team that brought Science Hack Day to Portland, OR. We run an inclusive 24-hour hackathon specifically for "making weird, silly or serious things with science."

PUBLICATIONS

Open Reviewers Bias Reflection Guide
Foster A., Hindle S., Murphy K.M., **Saderi D.** – *Zenodo 2021* (doi: 10.5281/zenodo.5484052)

Open Reviewers Reviewer Guide
Foster A., Hindle S., Murphy K.M., **Saderi D.** – *Zenodo 2021* (doi: 10.5281/zenodo.5484087)

Open Reviewers Review Assessment Rubric
Foster A., Hindle S., Murphy K.M., **Saderi D.** – *Zenodo 2021* (doi: 10.5281/zenodo.5484072)

Dissociation of task engagement and arousal effects in auditory cortex and midbrain
Saderi D., Schwartz Z. P, Heller C. R., Pennington J. R., David. S. V. – *eLife 2021* (eLife 2021;10:e60153 doi: 10.7554/eLife.60153)

Streaming of repeated noise in primary and secondary fields of auditory cortex
Saderi D., Buran B. N., David S. V. – *The Journal for Neuroscience* (J Neurosci. 2020 May 6;40(19):3783-3798. doi: 10.1523/JNEUROSCI.2105-19.2020. Epub 2020 Apr 9. PMID: 32273487; PMCID: PMC7204085)

Selective effects of arousal on population coding of natural sounds in primary auditory cortex
Heller C. R., Schwartz Z. P, **Saderi D.**, David S. V. – *bioRxiv 2020* (doi: 10.1101/2020.08.31.276584)

Open peer-review platform for COVID-19 preprints
Johansson M. A., **Saderi D.** – *Nature Correspondence 2021* (Nature 579, 29 2020 doi: 10.1038/d41586-020-00613-4)

AWARDS AND HONOURS

2020	ASAPbio Preprint Review Sprint, "Best in Show" Prize
2020	JROST Rapid Response Fund Award
2019	eLife Innovation Sprint (Travel Award)
2018	eLife Innovation Sprint (Travel Award)
2017	Mozilla Working Open Workshop (Travel Award)
2016	OpenCon scholarship (Travel Award, OHSU)
2014	Association for Research in Otolaryngology (Travel Award)

GRANTS AND FELLOWSHIPS

2020	Wellcome Trust COVID-19 Discretionary Award (USD 37,000)
2020	Mozilla Mini Grant to support Open Reviewers Pilot (USD 25,000)
2020	Mozilla Mini Grant to support open-source global sprint (USD 10,000)
2019	The Coaching Fellowship: Coaching for Women Leaders
2019	Wellcome Trust Research Enrichment - Diversity and Inclusion grant (GBP 20,000)
2018-2019	Alfred P. Sloan Foundation Grant (USD 197,200)
2018-2019	Mozilla Fellowship (USD 60,000, 10-month salary support)
2018-2019	Alfred P. Sloan Foundation Grant (USD 65,780)
2018-2019	Wellcome Trust Open Research Fund (GBP 50,000)

2016-2019	F31 Ruth L. Kirschstein Predoctoral Individual National Research Service Award (NRSA) – National Institute of Health (3-year salary and research support)
2017	Mozilla/Sloan Mini Grant to fund preprint journal club beta testing (USD 2,000)
2016	Tartar Trust Research Grant, OHSU (USD 2,000)
2011	Pre-doctoral Research Fellowship, Italian Institute of Technology (IIT)
2010	Pre-doctoral Research Fellowship, International School of Advanced Studies (SISSA)

PRESENTATIONS

Selected invited talks and workshops related to Open Scholarship engagements

2021 **aimos 2021 Conference, virtual**
Talk: *Rethinking peer review through openness, equity, and community engagement*

2021 **Metascience 2021 Conference, virtual**
Debate: *Should peer review occur before or after publication?*

2021 **Open Access Scholarly Publishing Association (OASPA) 2021 Conference, virtual**
Talk: *The path to reforming peer review begins with community, works through equity, and ends in trust*

2021 **Advances and Perspectives in Auditory Neuroscience (APAN), virtual**
Workshop: *Publishing your auditory neuroscience research*

2021 **Best Practices and Innovative Approaches to Peer Review, virtual**
Workshop: *African-centered, three-part series workshop in collaboration with AfricArXiv, Training Centre Communication Africa, and Eider Africa*

2021 **MozFest 2021, virtual**
Workshop: *Transforming academic peer review through mentorship: what we learned from Open Reviewers and ideas on where to take it next*

2021 **BrainHackMTL 2020ish, virtual**
Talk: *Reimagining scholarly peer review trough equity, openness, and collaboration*

2020 **ASAPbio Encouraging Preprint Curation and Review: A Design Sprint, virtual**
Pitch 1: *Transforming Peer Review through Mentorship and Community Engagement*
Pitch 2: *COVID 19 Rapid Review: A joint publishers' initiative to engage the community on the review of COVID-19 preprints*

2020 **JROST 2020, virtual**
Talk and breakout session: *Challenging the WHO, WHEN, and HOW of scholarly peer review, a conversation about structural inequities*

2020 **International Society of Managing and Technical Editors (ISMTE), virtual**

Talk: *Reimagining scholarly peer review trough equity, openness, and collaboration*

2020   **Association of Learned and Professional Society Publishers (ALSP), virtual**
        Talk: *The long-term legacy of COVID-19 on trust and transparency*

2020   **ASAPbio Webinar: Rapid communication of COVID-19 research, virtual**
        Talk: *Outbreak Science Rapid PREreview: Accelerating community-based knowledge evaluation in the context of the coronavirus pandemic*

2020   **Chan Zuckerberg Initiative Preprints I/O, San Francisco (CA), USA**
        Talk: *PREreview: changing the who and the how of scientific peer review*

2019   **Carnegie Mellon University Open Science Symposium, Pittsburgh (PA), USA**
        Talk: *PREreview, changing academic peer review one community at a time*

2019   **OAI11-CERN, Geneva, Switzerland**
        Talk: *PREreview: changing the who and the how of scientific peer review*
        Workshop: *Bullied into Bad Science: Envisioning a fairer, more open and ethical research and publication environment* (Co-presented with Lauren Maggio, Ph.D.)

2019   **École polytechnique fédérale de Lausanne (EPFL), Lausanne, Switzerland**
        Talk: *Empowering the next generation of peer reviewers*

2019   **TriangleSCI, Scholarly Communication Institute, Chapel Hill (NC), USA**
        Workshop/Sprint: *Bringing Equity and Diversity to Peer Review*

2019   **csv,conf, Portland (OR), USA**
        Lightening talk: *PREreview: changing the who and the how of scientific peer review*

2019   **Stellenbosch University, Cape Town, South Africa, virtual event**
        Talk: *Preprints and peer review: Empowering the next generation of research leaders*

2018   **FORCE11, Montreal, Canada**
        Talk: *Working together to add the "peer" back to peer review*

2018   **II Barcelona Young Neuroscientist Symposium, Barcelona, Spain**
        Workshop: *Preprints and open peer review: a workshop*

2018   **OSAOS Handbook Sprint, New York City (NY), USA**
        Contributed to the OSAOS Handbook Sprint, which led to two pieces, a *Personal Perspective: The Origin Story of PREreview*, and *Co-leading a Team on an Open Project* (OSAOS People Resources)