



Corpus Curiosum

Stimulating Critical Thinking in Neuroscience

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Research needs constant reappraisal – and Neuroscience is no exception.
Why should we hesitate to question the current landscape in the field?

THE CHALLENGE

Many studies have a reductionist bias, feeding conceptual flaws in the field such as the myth of the gendered brain. Invalid statistical methods have rendered thousands of fMRI results false. The lack of open access and publication bias has further impacted the fields' **credibility**. Yet, topics like these are not discussed enough in **neuroscience education**.

OUR MISSION

We aim to stimulate critical thinking in Neuroscience through engaging with **Early Career Researchers (ECRs)** and fostering discussion. To do so, we have created a **multidisciplinary platform** which allows neuroscientists to discuss critical aspects of a relevant topic with an invited speaker.

OUR IMPACT

Since spring 2020, we have organized four lecture series with **over 2000 attendees** from **over 70 countries**. We have ensured gender parity among all our speakers.



OUR VALUES

SUPPORT ECRs

Early Career Researchers (ECRs) often face difficulties as a result of inequality and rigid structures within academia. Thus, our project offers a **community** and platform to **network** with other ECRs in a supportive environment at eye-level.

EMBRACE DIVERSITY

The research landscape is overwhelmingly shaped by research from North America, Europe and parts of East Asia. Other regions such as Africa and the rest of Asia are **underrepresented**. Concurrently, academia is by no means free from **intersectional inequalities** involving e.g. race and gender. This is why we amplify the voices of these communities.

BE ACCESSIBLE

All our lectures are **free** to attend and held online, ensuring that everyone can attend from all corners of the world. In our quest to advocate for **open science**, we want to lead by example.

OUR TOPICS

Paradigm Shifts and New Perspectives

New neurons in the adult Brain: Breaking the dogma – *Dr Mariela Trinchero, Fundación Instituto Leloir*
Broca and Wernicke are dead, or moving past the classic model of language neurobiology – *Dr Pascale Tremblay, Université Laval*
Neurosexism and the Brain: How gender stereotypes can distort or even damage research – *Dr Gina Rippon, Aston University*
Are mental disorders malfunctions of the brain? – *Inés Abalo Rodríguez, Complutense University of Madrid*

Challenges in Practice

Credibility in Neuroscience – *Dr Verena Heise, Hanse-Wissenschaftskolleg - Institute for Advanced Study*
Black In Neuro: Challenges in research and medicine – *Dr Thiago Arzua, Columbia University*
Neurolaw: A New Frontier – *Mikayla Dilbeck, UC San Francisco*
Mental Health in Academia – *Katharina Bögl & Sandra Naumann, Scholar Minds*

Philosophy and Neuroscience

Why do we need philosophy in neuroscience? – *Dr Mark Miller, University of Sussex*
What makes a Scientist? – *Dr Bart Penders, Maastricht University*
Does your Brain actually think? The mereological fallacy in neuroscience – *Dr Peter Hacker, Oxford University*
The human brain: A philosophical and scientific perspective – *Dr Javier de Felipe, Polytechnic University of Madrid*

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