

## Fifth PhilInBioMed Network Meeting and Workshop “Philosophical Engagement with Biology and Medicine”

- Final Program -

**Monday, Sep 30<sup>th</sup>** (PhilInBioMed Network meeting)

9.00 – 9.30                      *Registration*

9.30 – 9.45                      Welcome

*Chair: Lara Keuck (Bielefeld)*

9.45 – 11.00                      Keynote Duo Talk: Sex and Gender in Medical Research:  
**Sabine Oertelt-Prigione** (U Bielefeld & U Nijmegen, online) &  
**Kirstin Borgerson** (U Dalhousie)

11.00 – 11.30                      *Coffee Break*

*Chair: Gina Klein (Bielefeld)*

11.30 – 12.00                      **Marion Boulicault** (U Edinburgh): Risky sex data: precision medicine,  
big data and the ossification of a sex binary

12.00 – 12.30                      Flash Talks Group 1:  
**Pieter R. Adriaens** (U Leuven): Ignorance and the placebo effect  
**Ozan Altan Altinok** (U Hannover): A Disease Vulnerability Before  
Disease Approach for Disease  
**Simon Okholm** (U Bordeaux): Has cancer been a force of selection in  
human evolution?

12.30 – 13.30                      *Lunch*

*Chair: Daniel Friedrich (Bielefeld)*

13.30 – 14.00                      **Republica Acharyya** (Indian Institute of Technology, Guwahati):  
Reconceiving ‘evidence’ in EBM: patient narratives and fibromyalgia

14.00 – 14.30                      **Helene Scott-Fordsmand** (U Cambridge): Understanding classification  
systems as models – a case study from clinical reasoning in orthopaedic  
surgery

14.30 – 15.00                      **James Turner** (U Sheffield): Depression is Not a Dysfunction

15.00 – 15.30                      *Coffee Break*

*Chair: Simon Brausch (Bielefeld)*

15.30 – 16.00                      **Enno Fischer** (U Dresden) & **Saana Jukola** (U Twente): Causal  
Inferences in Forensic Medicine

16.00 – 16.30                      **Elena Popa** (U Krakow): Using Philosophical Approaches to Causation  
to Specify Causal Claims Featuring Social Determinants of Health

16.30 – 16.45                      *Short Break*

*Chair: Thomas Pradeu/Fridolin Gross (Bordeaux)*

16.45 – 18.00      Keynote Duo Talk: Major Transitions in Evolution:  
**Samir Okasha** (U Bristol, online) &  
**Paul Rainey** (MPI Plön)

18.30                      *Dinner at ZiF*

## **Tuesday, Oct 1<sup>st</sup>** (PhillinBioMed Network meeting)

*Chair: Henrik Hörmann (Bielefeld)*

9.30 – 10.00          **Anton Killin** (U Bielefeld): Reconsidering Neanderthal aesthetics: an archaeologically-oriented evolutionary aesthetics perspective

10.00 – 10.30        **Mathilde Lequin** (U Bordeaux): Objectivity in the study of human evolution: overcoming the tension between paleoanthropology and paleogenetics

10.30 – 11.00        **Matthew Coates** (U California, Irvine): Multilayer Networks and the Evolution of Risky Cooperation

11.00 – 11.30        *Coffee Break*

*Chair: Hanna Metzen (Bielefeld)*

11.30 – 12.00        **Jonathan Sholl** (U Bordeaux): Analyzing and evaluating nutrition frameworks

12.00 – 12.30        Flash Talks Group 2:  
**Adrian Currie** (U Exeter): Paleoart as Science: speculation and genre-convention in the historical sciences  
**Vanessa Lovato** (U Cincinnati): Persistent Adaptationism in the Evolution of Female Orgasm  
**Katie Plaisance** (U Waterloo): Biological Scientists' Views about and Experiences with Philosophy and Philosophers of Science  
**Rachel Ankeny** (U Adelaide) & **Sabina Leonelli** (TU München): The Future of the Model Organism Repertoire

12.30 – 13.30        *Lunch*

*Chair: Guido Prieto (Bielefeld)*

13.30 – 14.00        **Jan Pieter Kopsman** (U Bordeaux): A proposal to better distinguish homeostasis and robustness in the life sciences

14.00 – 14.30        **Robert Frühstückl** (U Bielefeld): The problem of context dependence in ecology

14.30 – 15.00        Flash Talks Group 3:  
**Breanne Sparta** (U California, LA): A lack of distinct cell identities in single-cell measurements: revisiting Waddington's landscape  
**Juncheng Tao** (U Bordeaux): Enhancing Tools for Quantitative Analysis of Astrocyte Morphology: A Theoretical Approach  
**Marlene van den Bos** (U Bielefeld): Individual-Based Research - a new scientific practice?

- 15.00 – 15.30 *Coffee Break*
- 15.30 – 16.00 **Javier Suárez** (U Oviedo) & **Federico Boem** (Ruhr U Bochum): Epistemic misalignments in microbiome research
- 16.00 – 16.30 **Bengt Autzen** (U Cork): Oversplitting and Bayesian Species Delimitation
- 16.30 – 16.45 *Short Break*
- Chair: Alkistis Elliott-Graves (Bielefeld)*
- 16.45 – 18.00 Keynote Duo Talk 3: Animal Personality  
**Caroline Müller** (U Bielefeld) &  
**Marie I. Kaiser** (U Bielefeld)
- 19.00 *Workshop Dinner (restaurant “The Bernstein”)*

## Wednesday, Oct 2<sup>nd</sup> (Interactive Workshop on the PhilInBioMed Approach)

### Panel A: Forms of Engaging with Scientific Practice

*Moderator: Katie Morrow (U Bielefeld)*

- 9.15 – 9.35 **Katie Plaisance** (U Waterloo)
- 9.35 – 9.55 **Tina Heger** (Leibniz Institute of Freshwater Ecology & Inland Fisheries, Berlin)
- 9.55 – 10.15 **Sarah Yvonne** (U Copenhagen)
- 10.15 – 11.00 Joint Discussion

11.00 – 11.30 *Coffee Break*

### Panel B: The Methods Toolbox of Philosophers

*Moderator: Fridolin Gross (U Bordeaux)*

- 11.30 – 12.15 Podium discussion: Moderated discussion between experts
1. **Adrian Currie** (U Exeter)
  2. **Alkistis Elliott-Graves** (U Bielefeld)
  3. **Elisabetta Lalumera** (U Bologna)
  4. **Sabina Leonelli** (TU Munich)

12.15 – 13.00 Podium discussion: Questions by the audience

13.00 – 14.00 *Lunch*

### Panel C: Towards an Integrative Approach

*Moderator: David Lambert (U Bielefeld)*

- 14.00 – 14.20 Input talk 1: **Marion Boulicault** (U Edinburgh)
- 14.20 – 14.40 Input talk 2: **Miles MacLeod** (U Twente)
- 14.40 – 15.20 Joint Discussion

15.20 – 15.50 *Coffee Break*

## **Panel D: Developing the PhilInBioMed Approach further**

*Moderator: Lara Keuck (U Bielefeld)*

15.50 – 16.30 Inputs by workshop participants and members of the *PhilInBioMed* Network & discussion

1. **Lucie Laplane** (U Panthéon-Sorbonne, Paris)
2. **Thomas Pradeu** (U Bordeaux, online)
3. **Rachel Ankeny** (U Wageningen)
4. **Michele Luchetti** (U Bielefeld)

16.30 – 18.00 World Café Discussion

*Dinner (self-organized)*