



PhilInBioMed

The magazine

May-June 2021

New positions

- **ETH Zurich: Postdoc in bioethics / philosophy of medicine**

Deadline : 15th August 2021

The Health Ethics and Policy Lab is a multidisciplinary research group established in 2017 at the Department of Health Sciences and Technology (D-HEST) at ETH Zurich. Our current work focuses on the ethical, legal, societal and policy implications of biotechnology, precision medicine, artificial intelligence and digital health.

We are offering a 3-year postdoctoral fellowship (2021-2024) to work on epistemological and ethical aspects of dementia prevention. The fellow will work in the context of an ERA-NET Neuron project called BEAD (“Optimizing the aging Brain? Situating Ethical Aspects of Dementia Prevention”). S/he will be based in the beautiful Zurich - a top ranking city for its quality of life.

[Job description](#)

- **Université Paris 1 Panthéon-Sorbonne : PhD position in Philosophy of Biology**

Deadline : 16th July 2021

The PhD student will be supervised by Matteo Mossio and co-supervised by Denis Walsh. The joint supervision will be conducted in addition to a direct interaction between the two PIs.

The PhD student will be enrolled in the doctoral school of the University of Paris 1, and mainly based at the IHPST in Paris. She/he will enrich her/his approach by making several stays at the IHPST in Toronto, to work with Walsh and his team on the ongoing Agency in Living Systems project, a multi-lab collaboration between philosophers and evolutionary biologists. Two stays in Toronto each year are planned, each about 4-6 weeks long. A specific budget is allocated for these stays.

The team working on this project also includes a second PhD student, mainly based in Toronto under Denis Walsh’s supervision, and co-supervised by Matteo Mossio.

Contact: matteo.mossio@univ-paris1.fr

[Job description](#)

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New publications by the PhilinBiomed network members

Pradeu T., Lemoine M., Khelifaoui M., Gingras Y. [Philosophy in Science: Can philosophers of science permeate through science and produce scientific knowledge?](#) The British Journal for the Philosophy of Science.

Strauss B., Bertolaso M., Ernberg I., Bissell M.J. [Rethinking cancer : a New Paradigm for the Postgenomics Era](#). MIT Press. Vienna Series in Theoretical Biology. Konrad Lorenz Institute for Evolution and Cognition Research (KLI).

Strauss B. [Interview : Rethinking cancer](#). The Konrad Lorenz Institute for Evolution and Cognition Research (KLI).

Sous la direction de Loison L., Pradeu T. [La biologie au défi de l'histoire : Mélanges offerts à Michel Morange](#). Éditions Matériologiques.

Sevin M., Debeurme F., Laplane L. [Cytokine-like protein 1-induced survival of monocytes suggests a combined strategy targeting MCL1 and MAPK in CMML](#). Blood.

Forthcoming events

Martin Zach and Gregor Greslehner: How to Think About the Immune System in Times of C19 and Beyond, organized by the University of Johannesburg. [Youtube video](#).

Talks by PhilInBioMed members at the [ISHPSSB meeting \(13–20 July\)](#) will include:

13 July 2021 (GMT-4)

11:05am: «One, two or many? It depends why you're asking» by **John Dupré**.

1:00pm: «Demystifying the journal submission process, I» by **Joeri Witteveen**.

1:00pm: «Finding and constructing academic communities on Twitter» by **Sophie Veigl & Lynn Chiu**.

2:30pm: «Ontic risk in species classification for biodiversity conservation» by **Joeri Witteveen**.

2:30pm: «Cancer avatars: The temporality of surrogate models» by **Sara Green, Mie S Dam, Mette N Svendsen**.

2:30pm: «Citing study mismatches upon failures to replicate: Useful exercise or self-defeating?» by **Davd Colaço, John Bickle, Bradley Walters**.

3:00pm: «Is cancer intrinsic to multicellularity?» by **Thomas Pradeu**.

3:00pm: «Co-option of stress mechanisms in the origin of evolutionary novelties» by **Alan Love & Günter Wagner**.

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Forthcoming events

13 July 2021 (GMT-4)

3:30pm: «Making biodiversity data portals FAIR and CARE: Expanding who counts as a participant» by **Beckett Sterner & Steve Elliott**.

3:30pm: «Why don't we get more cancer: The critical role of extracellular matrix and microenvironment in malignancy and dormancy» by **Mina J. Bissell**.

4:05pm: «How can living systems persist: Regeneration, failure, and the future» chaired by **Suzan Fitzpatrick**. Participants: **Kate MacCord, S Andrew Inkpen, Jane Maienschein, Manfred Laubichler, Susan Fitzpatrick**.

4:05pm: «Genetic causation» by **Stephen M Downes**.

4:35pm: «Why philosophers of biology should look at RNA» by **Stephan Guttinger**.

4:45pm: «Biology's Einstein moment» by **Matt Haber**.

14 July 2021 (GMT-4)

11:05am: «Plant data science between policy and technology: Reframing plant research to serve global food security» chaired by **Sabina Leonelli**.

Participants: **Sabina Leonelli, Hugh Williamson, Rachel A Ankeny, Helen Curry, Paul Thompson**.

11:35pm: «When you are forced to being nice: Multicellularity is more about coercion than about altruism» by **Adrian Stencel, Javier Suárez**.

12:05pm: «The feeling of free will» by **Eva Jablonka**.

12:05pm: «Functions and the immune system: Can immunology impact the way we think about different notions of biological function?» by **Gregor Greslehner**.

12:05pm: «Visualizing evolution: Communicating new boundaries» by **Lynn Chiu, Miguel Brun-Usan**.

16:05pm: «Reconsidering Gaia» chaired by **W Ford Doolittle**. Participants: **Tim M Lenton, Peter Godfrey-Smith, W Ford Doolittle**.

15 July 2021 (GMT-4)

9:30am: «Trade-offs, pluralism and evolutionary accounts of death» by **Philippe Huneman**.

12:05pm: «The conceptual roles of evolvability across evolutionary biology: Between diversity and unification» by **Cristina Villegas, Alan C Love**.

12:15pm: «How to think about the immune system in times of COVID-19 and beyond: Why stronger isn't always better and other misleading metaphors» by **Martin Zach, Gregor Greslehner**.

1:00pm: «Open science and publishing» by **Sabina Leonelli**.



Forthcoming events

19 July 2021 (GMT-4)

9:30am: «Varieties of memory» chaired by **Eva Jablonka**.

Participants: **Snait B Gissis, Cornelius Borck, Michael Levin, Eva Jablonka**.

2:30pm: «The selected effect account of function: Problems, extension, reconciliation and applications, Part I» chaired by **Pierrick Bourrat**.

Participants: **Subrena Smith, Paul Griffiths, Justin Garson, Peter Takacs, Pierrick Bourrat**.

5:00pm: «Research biodiversity and the presumption of generality in the life sciences» by **Michael R Dietrich**.

7:00am: «Corroborative and anticipatory predictions» chaired by **Solange Haas**.

Participants: **Philippe Huneman, Philippe Jarne, Virginie Maris, Sonia Kéfi**.

7:30pm: «Pathological complexity and the evolution of consciousness» by **Walter Veit**.

8:00pm: «Gradualism, natural selection, and randomness of mutation: Darwin, Fisher, and connecting the dots» by **Matthew J Maxwell, Elliott Sober**.

20 July 2021 (GMT-4)

12:05pm: «The link between historical continuity and molecular mechanisms: Traceability and individuation» by **Günter Wagner**.

1:00pm: «Interdisciplinary collaboration» by **Isabella Sarto-Jackson**.

2:30pm: «Clonal evolution: Toward a new view of clones» by **Lucie Laplane**.

3:00pm: «The causal decomposition of evolutionary change revisited» by **Samir Okasha**.

3:30pm: «What does ‘aging causes cancer’ mean?» by **Maël Lemoine**.

16 July (2:30pm GMT/UTC) : Maël Lemoine, Shane Glackin, Paul Griffiths and Peter Takacs will present at [the International Society for Evolution, Medicine, and Public Health](#) the symposium session is titled ‘Philosophical Considerations in Evolutionary Medicine’.

