



The Magazine

March 2022

Introduction

Well, we made it through the Ides of March, the end of winter, and a truly long month... There are some repeat announcements in this month's newsletter – either due to extended deadlines or just more time remaining before deadlines – so be sure to have another look. Also, we not only have interesting philosophical and scientific articles published this month, but also a new book, an exclusive interview with Ford Doolittle, and, as promised, the start of a new series about the PinS corpus. There's lots to report so grab your nootropic of choice and dig in!

Jobs

The [CNRS & University of Bordeaux](#) are seeking to hire 2 postdoctoral researchers, funded by a Moore Foundation grant to Thomas Pradeu, CNRS Director of research (please see also short grant description in the 'Announcements' section below). The 2 subprojects are:

- 1) Development of a new theory regarding how an organism's immune system and its resident microbial communities sense and manage each other;
- 2) Development of a new theory regarding how an organism's tumors interact with its resident microbial communities, which represents a complex subset of interactions between the organism and the microorganisms present.

Please contact Thomas Pradeu (thomas.pradeu@u-bordeaux.fr) if you are interested.

The Department of Philosophy, University of Geneva, invites applications for two 4-year positions, one Postdoc (100%) and one Ph.D. student, for a new SNSF-funded project titled "Philosophy of Infectious Disease Epidemiology: Modeling, Values, and Policy Advice".

- The project will be based in a thriving research environment at the Department of Philosophy and will collaborate with the Department of Political Science as well as the Faculty of Medicine.

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Announcing [the Dutch Distinguished Lecture Series in Philosophy and Neuroscience \(#DDLS\)](#). This is a national initiative in the Netherlands that aims to create a platform for local, national and international interdisciplinary collaboration between researchers working on issues related to the study of the brain. The aim of the initiative is to connect all the groups in the Netherlands which are doing the research in philosophy of/in neuroscience (broadly construed), and thus to create a platform for exchanges and collaborations among these groups

[Thomas Pradeu](#) received a [new research grant](#) (\$576,000; 2022-2025) from the Moore Foundation: New conceptual and theoretical pathways for studying and elucidating the process of symbiosis, with two main subprojects:

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Publications

Linquist, S., Fullerton, B. (2021). "Transposon dynamics and the epigenetic switch hypothesis." *Theor Med Bioeth*, 42, 137–154, <https://doi.org/10.1007/s11017-021-09548-x>.

Khalifa, K., Islam, F., Gamboa, J.P., Wilkenfeld, D. A., Kostic, D. (forthcoming). "Integrating Philosophy of Understanding with the Cognitive Sciences." *Frontiers in Systems Neuroscience*.

Kostic, D. (2021). "Topological Explanations, an Opinionated Appraisal." In Lawler, I., Shech, E. and Khalifa, K. (eds): *Scientific Understanding and Representation: Mathematical Modeling in the Life and Physical Sciences*. Routledge.

Kostic, D. and Khalifa, K. (2021). "The Directionality of Topological Explanations." *Synthese*, <https://doi.org/10.1007/s11229-021-03414-y>.

Sepich-Poore GD, Guccione C, Laplane L, Pradeu T, Curtius K, Knight R. (2022). "Cancer's second genome: Microbial cancer diagnostics and redefining clonal evolution as a multispecies process." *BioEssays*.

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