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JOSHA Editorial Volume 3 Issue 4

We started this issue with **Manuela Lenzen**'s contribution on how computer simulations allow comprehending complex systems. High-performance computing simulations became a powerful tool in science, engineering, and even philosophy. She explains that computer simulations are cheaper and easier to achieve, allow testing for dangerous outcomes, and will be able to approximate possible behaviors of the simulated system.

Then, **Horst Kress**, from the Free University Berlin, questions whether we might be seeing a renaissance of Lamarckism. "Lamarck attributed the transformation of species to the inheritance of acquired features. Although not completely convincing in his time, even Darwin accepted this concept in his "Pangenesis" Hypothesis. Later experiments to confirm Lamarck's concept failed. Nevertheless, Lamarck had a pronounced effect on communistic science, research projects, and political strategies. Lamarck's model cannot explain the evolution of species as we understand it today since his concept stipulated the transformation of arts, not a common ancestral tree for all species" he discusses.

Silvia Camporesi and **Matteo Mameli**, from the King's College of London, discussed trading participation for access to health care. In their opinion, there is an increasing tendency to run clinical trials offshore in low- and middle-income countries (LMICs). In parallel, in high-income countries (HICs) there is an emergence of new forms of clinical research where un(der)insured fractions of the population are trading participation for health-care to which they would otherwise not have access. They conclude that there is a need to devise ways to make the inclusion of economically disadvantaged and uninsured individuals in clinical research as fair as possible.

In the interdisciplinary field of science, ethics, and arts, **Felicitas Holzer**, **Roland Mertelsmann**, and **Christoph Borner**, in representation of the International Master in Biomedical Sciences invite all the scientific and artistic community to join the IMBS Workshop "Science, Ethics and Society" as well as the Symposium "Science, Ethics and Arts". Speakers from the Albert Ludwig University Freiburg, University of Buenos Aires, FLACSO Buenos Aires, the National University of Mexico, and the National Centre of Tumor Diseases (NCT) Heidelberg will address topics related to the ethics of human health, environment, science, technology, and research. Moreover, the Boccherini Quartet and an exhibition of regional artists will accompany the event.

Frequently, many master and PhD theses remain unpublished after the defense, leaving valuable content unavailable for the scientific community. After 5 years, I officially published my Master Thesis in Biomedical Sciences entitled "Characterization of the AZF region of the Y chromosome in Native American haplogroup Q". This original work established the foundations of the research on genetics of male infertility in the Argentinean population taking into account its diverse

ethnic origin. The scientific content derived from this master thesis remained unpublished for a long time and as we say at JOSHA: “Knowledge that is not communicated is wasted knowledge.”

Philippe Merz and **Frank Obergfell**, in their interview with *Markus Kerber*, present us the need of a journal that brings together economic and philosophical considerations. Our current time is a time in which it is a difficult task to stay on top of economic and social issues. Thus, *agora42* aims at keeping oversight and exposing complex economic and social processes to give a most comprehensive orientation to the readers in German-speaking countries.

And last but definitely not least, **Felicitas Holzer** and **Stephan Seiler** published a beautiful and inspiring article about the young opera singer *Kim-Lillian Strebel* who is part of the opera ensemble at the Freiburg Theater and who has been awarded a one-year scholarship by the International Academy of Sciences, Humanities and Arts (IASHA). From all our editorial team we would like to congratulate Kim-Lillian Strebel for this major achievement.

We all hope that you will enjoy this issue as much as we enjoyed selecting its diverse content, and we look forward to a continuous growth of JOSHA journal with your contribution.

Evguenia Alechine

on behalf of the JOSHA team

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