



Special Lecture :

Dr. Tudor Baetu

University of Bristol

School of Arts

Department of Philosophy

„Extrapolation in biomedical research “

Monday, 16th July 2018, 10am (c.t.)

Centre for Ethics and Law in the Life Sciences (CELLS)

Otto-Brenner-Str. 1 (Seminar room, 8th floor), 30159 Hannover

Host: Prof. Nils Hoppe, 0511-762 5222



Abstract

Biomedical research is built upon inferences transposing knowledge across systems—be it across species, between an experimental system and another, or from controlled clinical studies to routine healthcare contexts. While the notion of extrapolation received increasing attention in the recent philosophical literature, extrapolative inferences having distinct epistemic aims are often conflated together, thus making it difficult to assess the validity of such inferences. In this talk, I focus on epistemological challenges associated with the validation of statistical and similarity-based extrapolations in basic science and pre-clinical research, as well as their broader methodological and ethical implications.