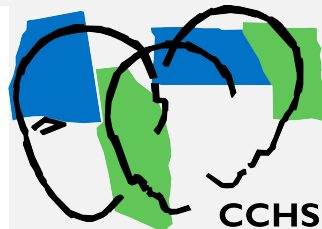


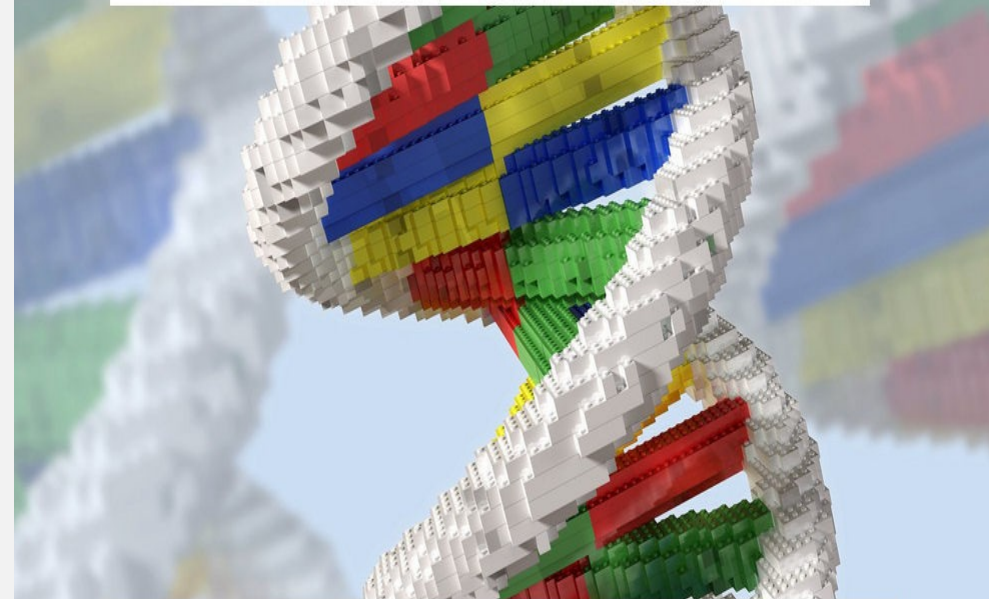
7FP – Standardization and orthogonalization of the gene expression flow for the robust engineering of NTN (new-to-nature) biological properties



Registration: synbioregist@gmail.com



International Workshop
***Ethical, Philosophical and Political
Issues of Synthetic Biology***



January 11th, 2013
Centre for Human and Social Sciences – CSIC
Albasanz 26-28, 28037 Madrid



At the beginning of a 21st century in which the prospects of crisis and decline seem to become a common place, synthetic biology unites big promises with even bigger investments. The main goal of this emerging approach is the design and fabrication of made-to-measure biological systems. Current research in this field aims to establish of a robust genetic engineering capable of designing living systems that respond to human purposes, for it would open valuable new possibilities for a knowledge-based bio-economy.

But synthetic biology not only opens new opportunities, it also involves new risks and challenges: issues of global and social justice, intellectual property rights, environmental matters and its impact on our ethical and philosophical understanding of life. In order to address these challenges, the Workshop *Ethical, Philosophical and Political Issues of Synthetic Biology* aims to establish a framework for analysis and debate.

PROGRAM

10:00-10:15

Andrés Moya (Chairman)

Institut Cavanilles of Biodiversity and Evolutionary Biology - University of Valencia

Presentation: "Synthetic Biology: ethical and social challenges"

10:15 - 10:45

Kepa Ruiz Mirazo / Alvaro Moreno

University of the Basque Country – UPV/EHU

"Synthetic Biology: challenging life in order to grasp, use or extend it"

10:45 - 11:15

Pere Puigdomènech

Centre de Recerca en Agrigenómica – CSIC

"A European Reflection on Synthetic Biology"

11:15-11:45 Discussion

11:45-12:00 Coffe Break

12:00-12:30

Joachim Henkel / Robert Lüttke

Technical University of Munich

"Intellectual Property issues in Synthetic Biology"

12:30-13:00

Emma Frow

University of Edinburgh

"Negotiating Standards in synthetic biology"

13:00-13:30 Discussion

13:30-15:45 Lunch

15:45- 16:00

Jordi Maiso (Chairman)

Centre of Human and Social Sciences – CSIC

"Presentation: Political Issues of Synthetic Biology"

16:00-16:30

Carlos Romeo Casabona

University of Deusto / Committee of Bioethics of Spain

"The assesment of synthetic biology by the National Ethic Comissions: the report of Spain and Portugal"

16:30-17:00

Catherine Heeney

Centre of Human and Social Sciences – CSIC

"Ethics and the empirical: ways of approaching biotechnologies and techniques"

17:00-17:30 Discussion

17:30-17:45 Coffe Break

17:45-18:15

Vincenzo Pavone

Centre of Human and Social Sciences – CSIC

"Science, Bioeconomy and the Rise of Neoliberal Nature"

18:15-18:45

Markus Schmidt

Biofaction, Austria

"Towards sustainable development with synthetic biology: opportunities and risks"

18:45-19:15 Discussion