

Research breakthroughs and social impact: Young scientists debate synthetic biology

Tuesday, February 16th 2016,
12:30 – 16:00
Amphipôle, University of Lausanne

Emerging technologies have the potential to offer new solutions for society's challenges but also raise concerns about safety and ethical implications. Synthetic biology is a maturing discipline aiming to modify, rebuild and design biological systems. Possible applications include production of biofuels in microalgae, synthesis of therapeutics in yeast cells or removal of pollutants' from the environment using bacteria.

How will synthetic biology transform – medicine? – the environment? – industry? – society? – our concept of life?

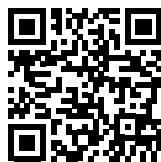
Young scientists will explore these questions together with the audience. All are welcome to join in on the discussion!



Program

- 14.00 **Welcome**
Patrick Matthias, President Forum for Genetic Research
- 14.05 **Studying life from the bottom-up: the new approaches of synthetic biology**
Jan Roelof van der Meer, University of Lausanne
- 14.25 **Bio LOGIC, intracellular computing using dCas9**
EPFL iGEM Team 2015 representatives
- 14.40 **Round table discussion**
- 16:00 **End**

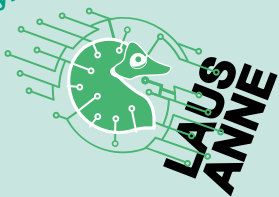
This session will be held in English. Participation is free of charge.
For further information and registration: www.naturalsciences.ch/synbio2016



Presented by the Forum for Genetic Research, Swiss Academy of Sciences
in association with the BIO•FICTION Science, Art & Film Festival and Life Sciences
Switzerland LS².

This event is part of the LS² Annual Meeting 2016. <http://ls2-annual-meeting.ch>

Lunch-time
movie session
12:30 – 14:00
Drop in to enjoy
a selection of short films
from the International
Synthetic Biology Festival.



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