
Talk

10:00 AM - 11:30 AM, June 28, 2018

Room BT211 - School of Bioresources and Technology building (A3), 2nd floor, KMUTT Bangkhuntian Campus

RSVP

Workshop

1:00 PM - 4:30 PM, June 28, 2018

At Bioprocess & Innovation Building, KMUTT Bangkhuntian Campus

RSVP

Exhibition & Public Discussion

5:00 PM - 6:00 PM, June 29, 2018

At Tentacles Art Space

2198/10-11 Soi Taweewattana (Narathiwass22),
Chan Rd., Chongnonsee,
Yannawa, Bangkok

RSVP



Adam Zaretsky, Ph.D.

Pioneer of Biological Arts

Adam Zaretsky, Ph.D. works at the intersection of Biotechnology, Ecology, Non-human Relations, Body Performance and Gastronomy. A former researcher at the MIT department of biology, for the past decade Zaretsky has been teaching an experimental bioart class called VivoArts at: San Francisco State University (SFSU), SymbioticA (UWA), Rensselaer Polytechnic Institute (RPI), University of Leiden's The Arts and Genomic Centre (TAGC) and with the Waag Society. He has also taught DIY-IGM (Do-It-Yourself Inherited Genetic Modification of the Human Genome) at New York University (NYU) and Carnegie Mellon University (CMU). His research practice focuses on an array of legal, ethical, social and libidinal implications of biotechnological materials and methods with a focus on transgenic humans.

Abstract

Rapid Prototyping Bioethical Debate as a MultiSpecies Experiment

We ask: Does Transgenic Human Production take into account the effect of Aesthetics on the long term Ecological effects of GMO Baby Design?

We debate: By rapid prototyping a living biological maze.

What do engineered mutant human body plans say about flesh technology? Are we techno-evolving to be more efficient, glamorous or enigmatic? Bio-Art can help us choose contemporary paths for the futures of synthetic biological structures, beings and factories. By asking questions through the biomedica of contemporary experimental design, we use biotechnology to show the complexity of biophilosophy. Using life as a sculptural printed matter, we 3D fabricate cells, organisms and biological materials into actual shapes and forms of enigmatic questions. As such, are the biologically printed structures art creatures, social debate or experimental organisms? This talk/workshop is a science/art exploration of the techniques and implications of bio-art, especially in the domain of bio-fabrication, transgenic human design and gene editing. The talk will be followed by a hands-on art laboratory developed to enrich the experimental design skills of Scientists, Engineers and Graduate Students.

Workshop

Beyond Y: A cell printing maze lab for advancing experimental design

Goals: Making Complex Worlds to Exhibit Philosophy while Broadening the Range of Experimental Design through the Free Expression.

The advancement in biological fabrication and 3D printing technology have received attention due to the process speed, flexibility and versatility. It is our intention to show rapid prototyping as a fast turn around from conceptual design to actualized experiment in the future, including 3D printing in novel medias like food, mutagenic compounds and organisms (bacteria, worms, cells, etc.)

