



waag
technology & society

Cultures of research

complementary, synergetic and discursive thinking in arts, sciences and
other research

National Taiwan Museum of Fine Arts
Lucas Evers, Waag – Technology and Society
2018 11 03



Waag – technology and society

Research groups:
Code, Care, Make, Learn, Interface

Labs:
Open Design Lab
Open Wetlab
Fablab
Smart Citizens Lab
Commons Lab
Space Lab







More than just one form

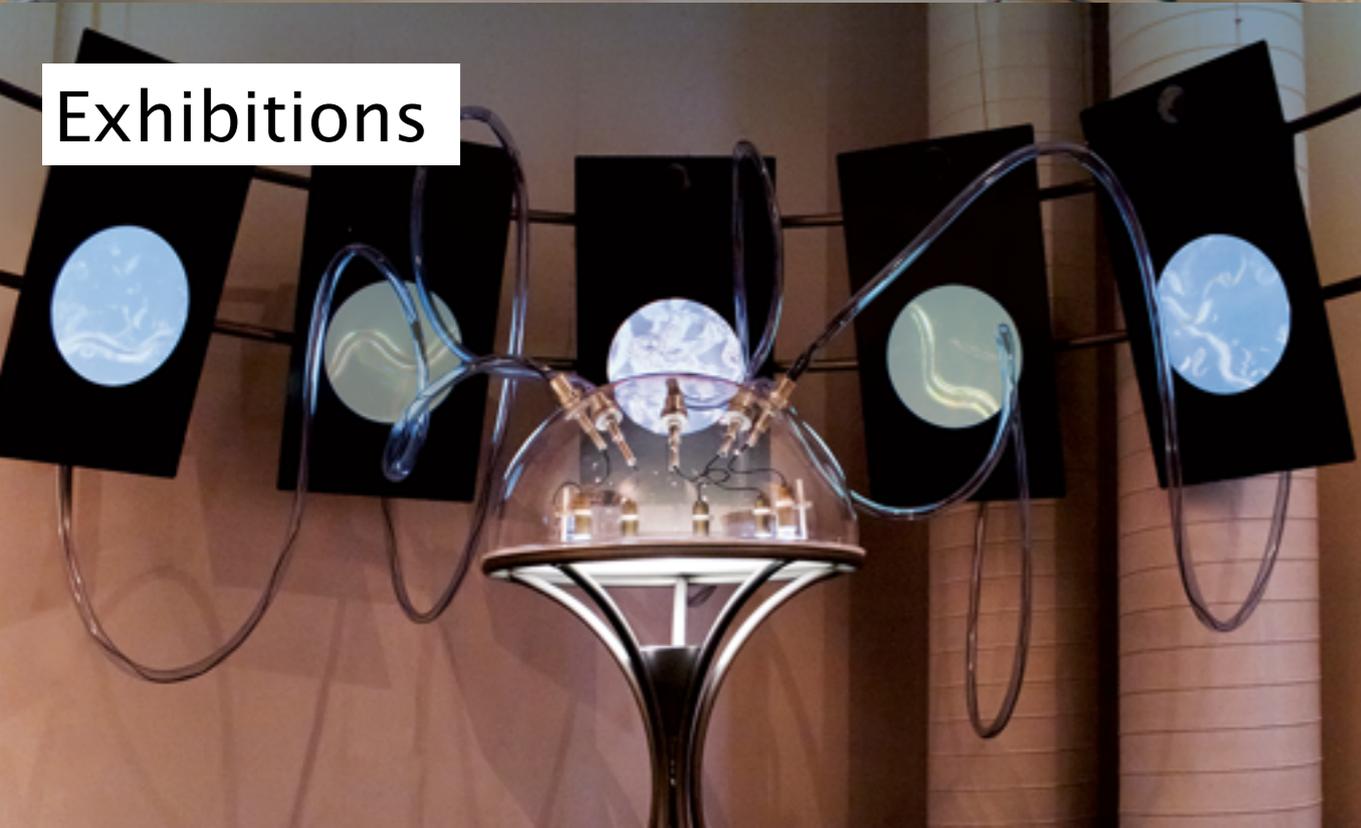
Laboratory



Workshops



Exhibitions



Performance





More than just one methodology

Open Design



Users as Designers



Critical Making



Probes for Debate





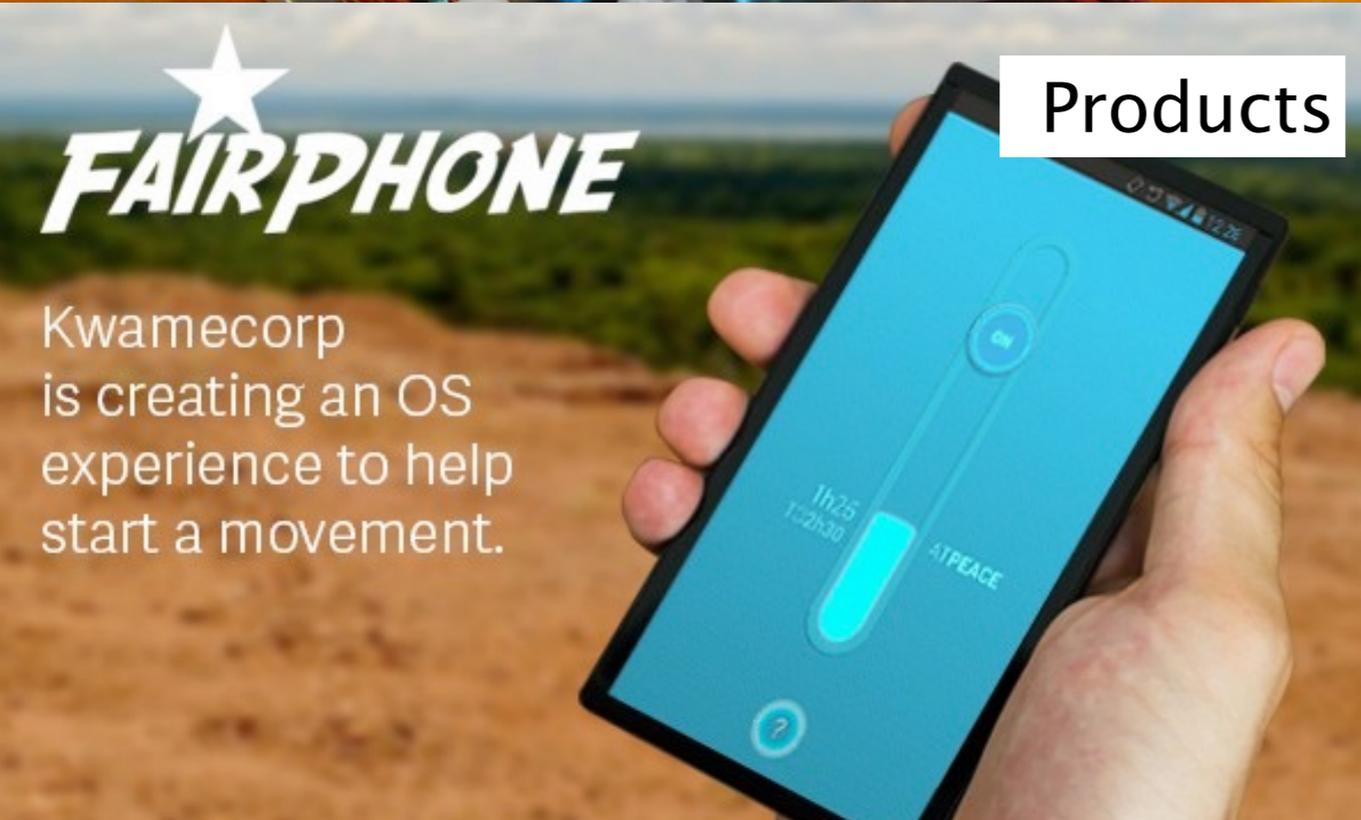
More than just one output



Arts, research



Policy



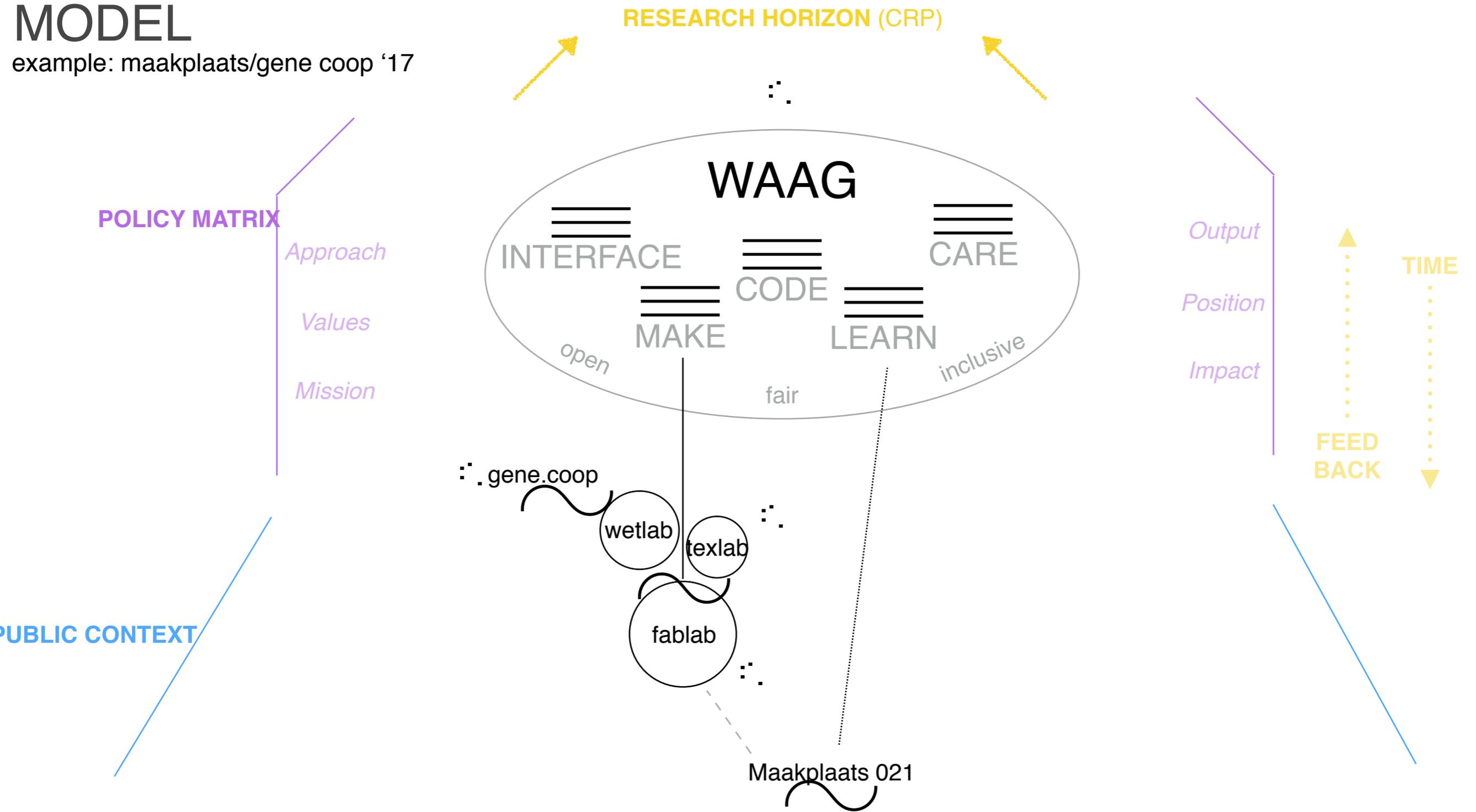
Products



Education

MODEL

example: maakplaats/gene coop '17

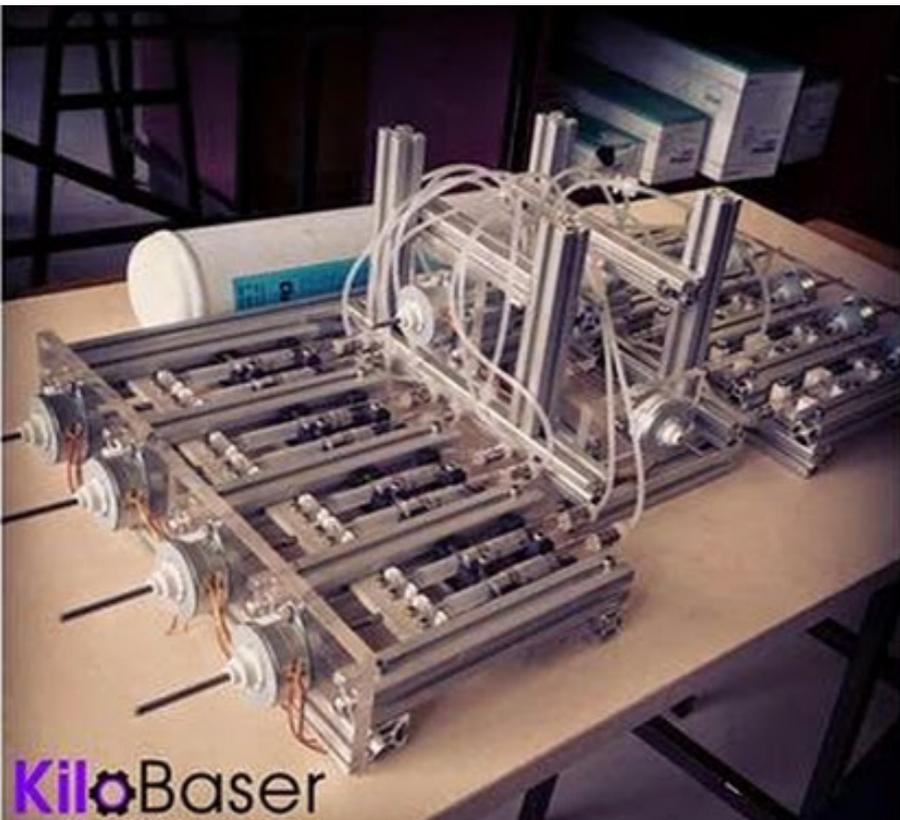




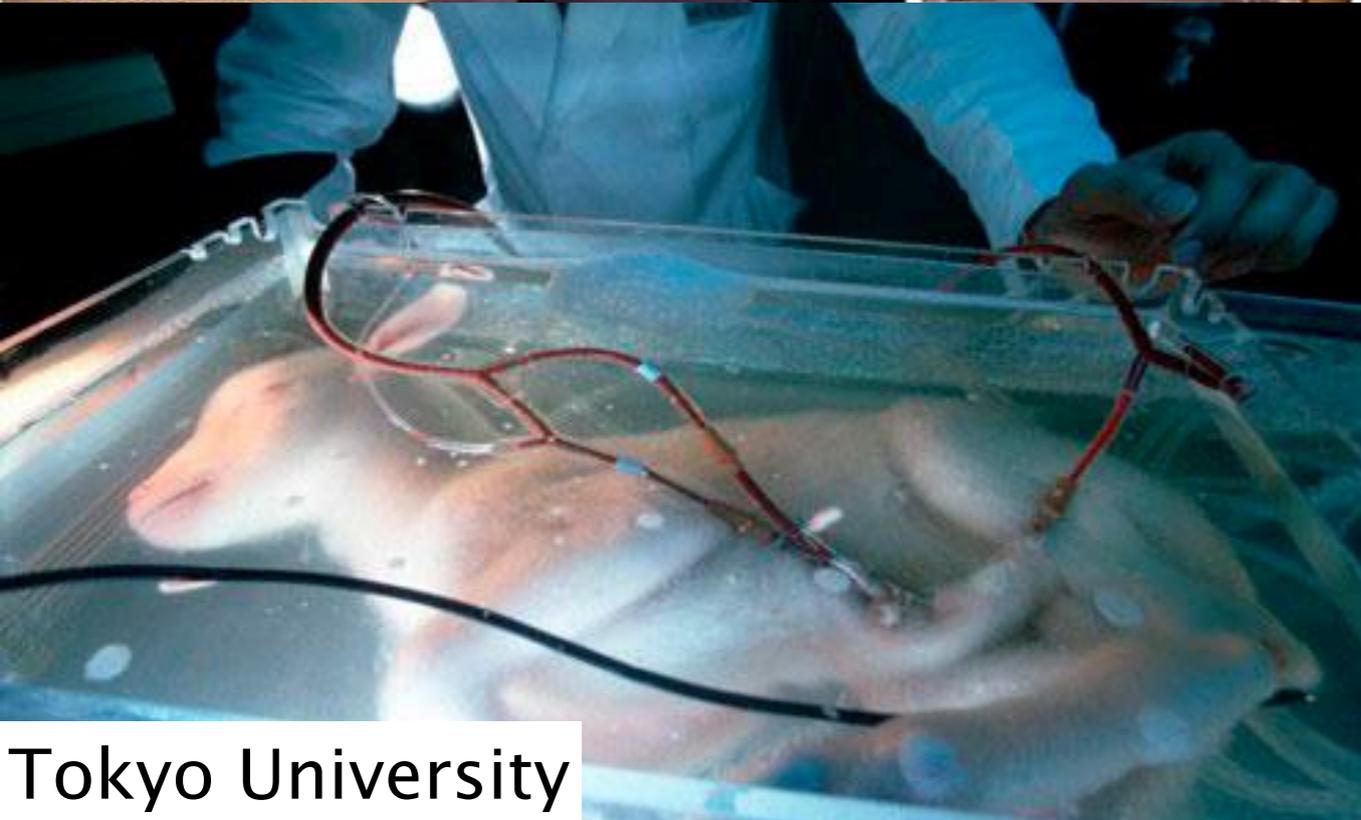
What's going on?



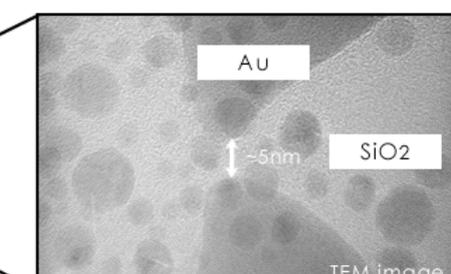
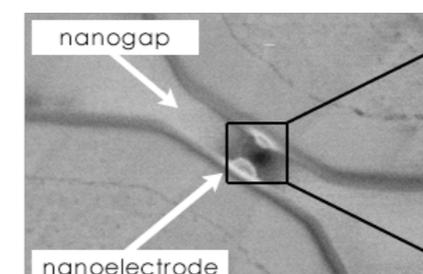
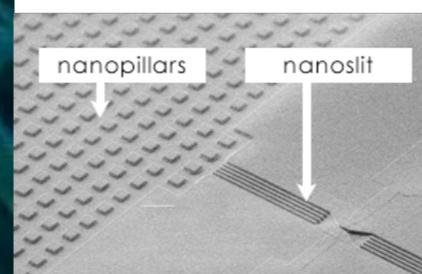
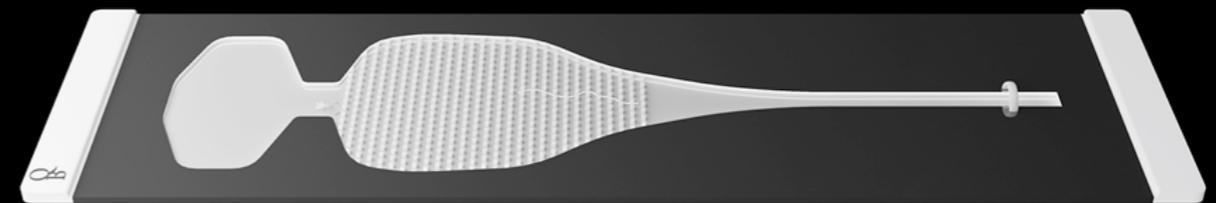
Bio engineering



Organovo



Tokyo University

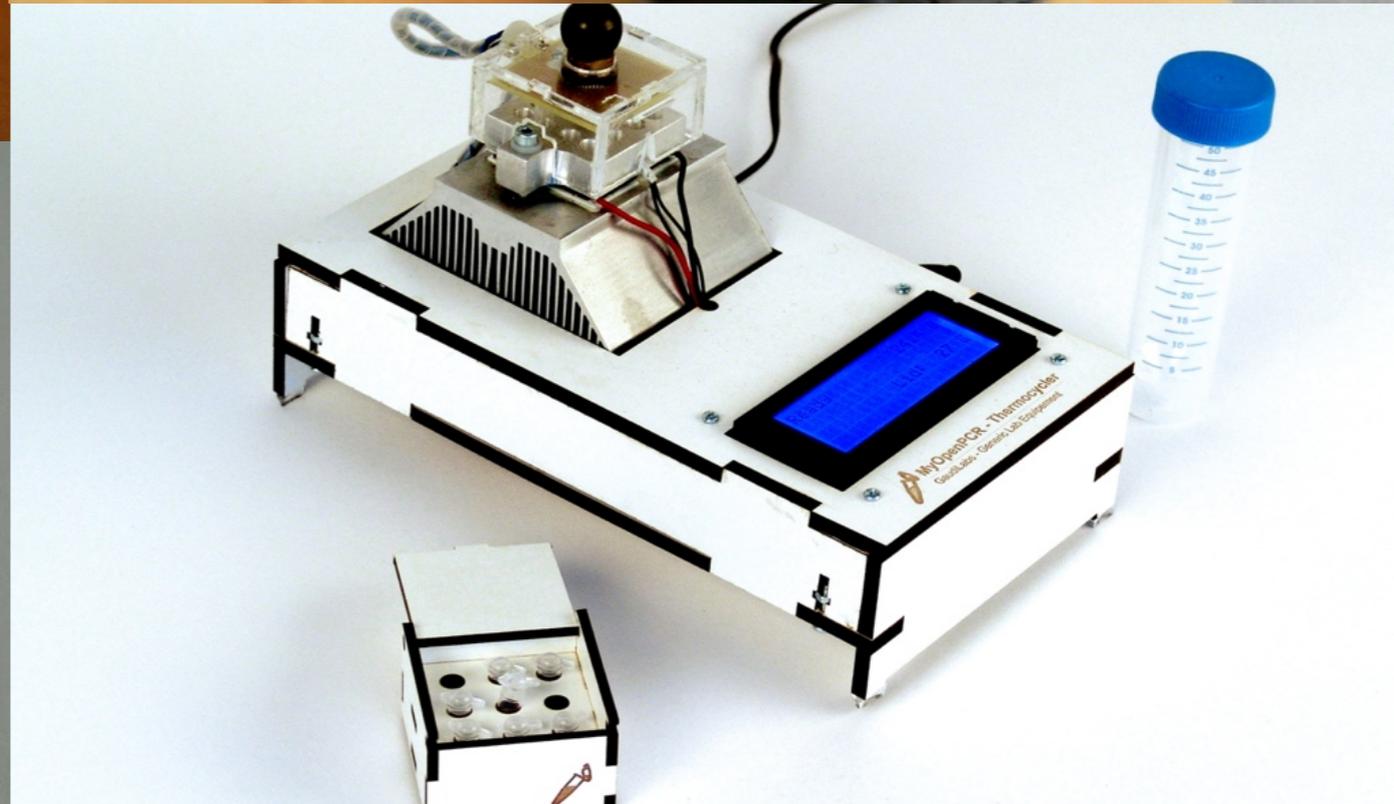


TEM image

Quantum Biosystems



Hacked PCR's



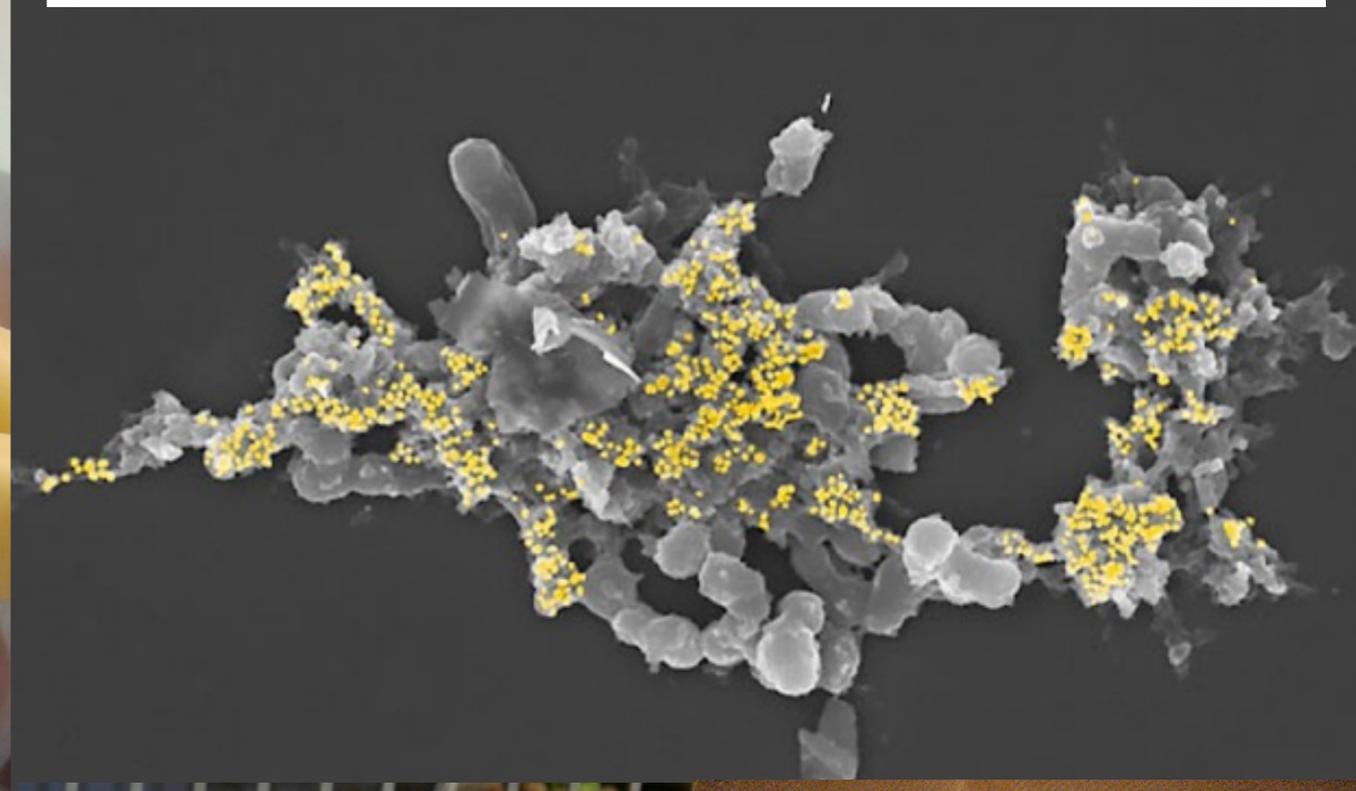


Bio art

Anna Dumitriu – Studies Portton Down



Adam W. Brown – Great work of the Metal Lover



TCA – Disembodied Cuisine



Kathy High – Embracing animal



I want to talk to you about what I call cultures of research, with which I mean that besides what we generally think, there is more than 'just' scientific research. There is also design research, artistic and arts research, and, there are more and more practices, situations and events where these interact and it is interesting to understand what the conditions are under which this happens.

So before cultures of research I may need to say something about what I call cultures of appropriation.

neo liberal culture of appropriation is ticky

data culture of appropriation is that all is datafied

creative appropriation is art–science, speculative design

scientific appropriation is scientist calling themselves artists and science understanding the need for aesthetics.

So artistic appropriation vs techno–scientific appropriation is what I want to sketch and the forces at play (market) en the diversity of research there is and that we need as society



1. synergetic art–science:
adam brown – great work metal lover
gina czarnecki – heirloom

2. complementary (society–contextualised) art–science:
mary maggic – edochiane disruption
robertina sebjanic & gjino sutic – aqua forensic

3. discursive:
adam zaretsky – errorarium
catts & zaretsky – disembodied cuisine

4. art:
ana maria gomez lopez – punctumm
cecilia jonsson – haem

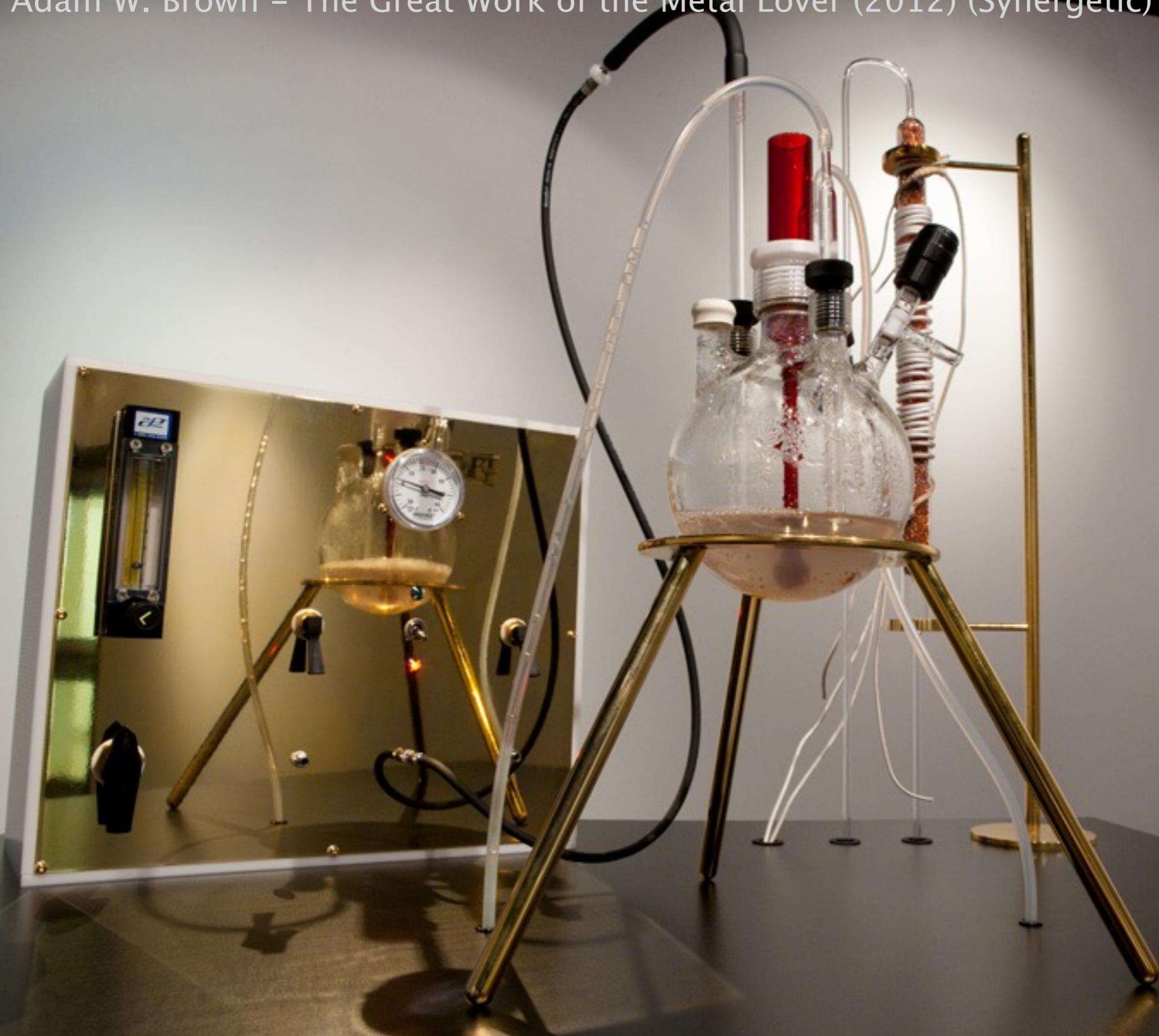
5. science–art
ivan henriques, raoul frese – symbiotic machine

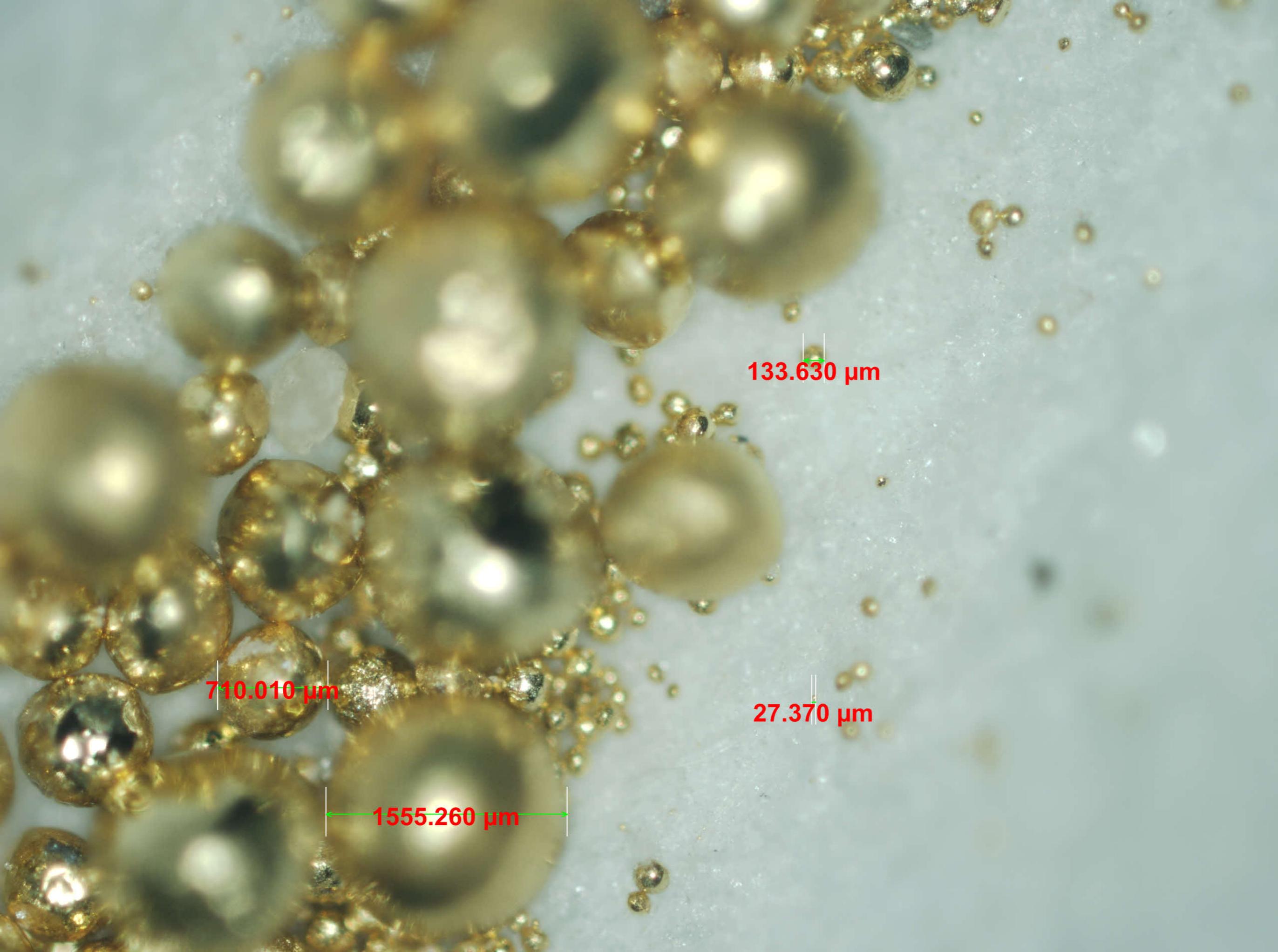
Research cultures
Science, Design Research, Citizen Science, Artistic Research

So after showing this diversity in post–disciplinary appropriation leading to diversity in research cultures I will show and tell about collaborations in a number of projects we have done at Waag

OTHER DINNER
DIY HEC
FEAT
TMIAAA
STARTS
CRITICAL MAKNIG – TOMO / DANI

Adam W. Brown – The Great Work of the Metal Lover (2012) (Synergetic)





133.630 μm

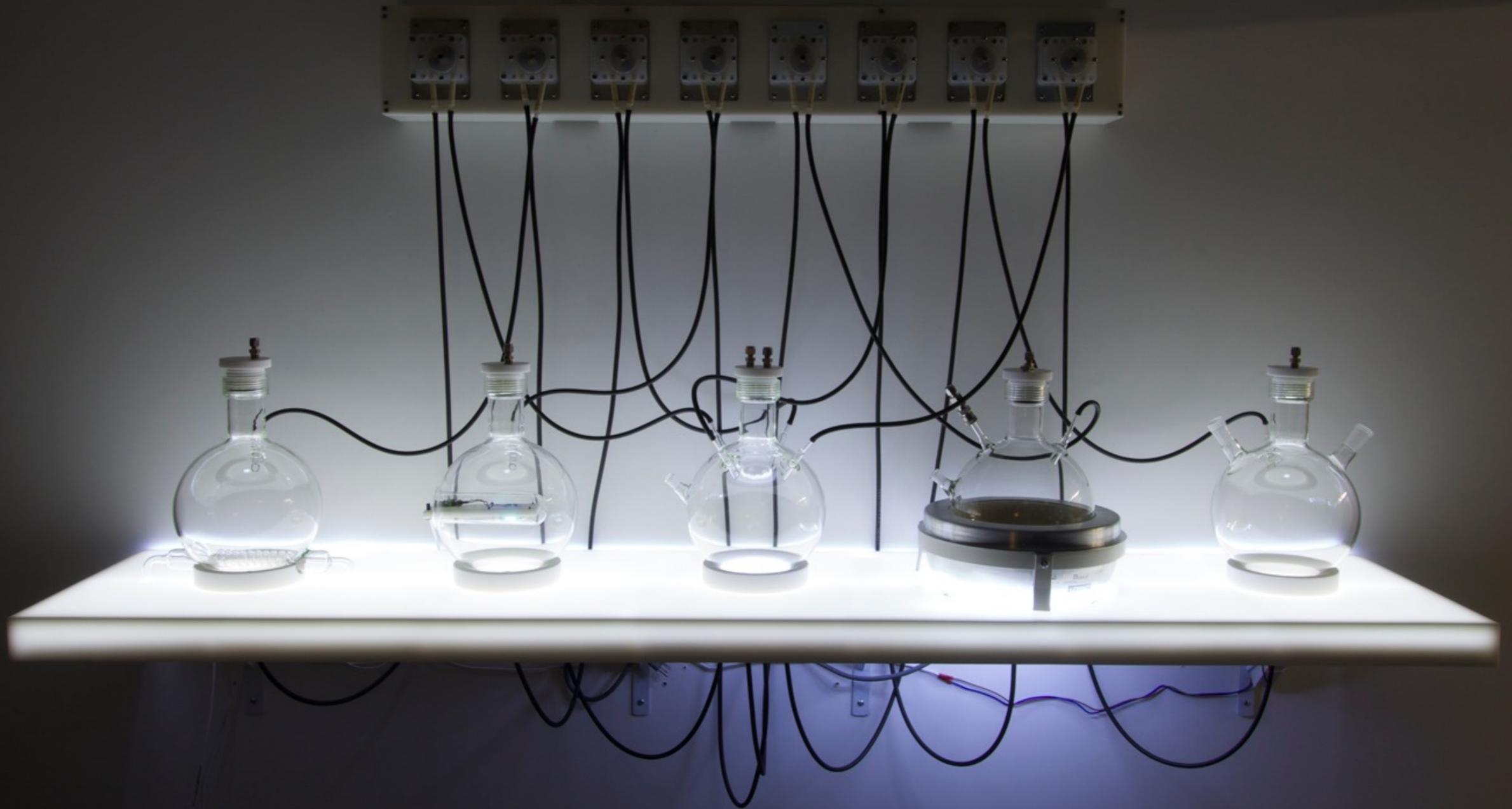
710.010 μm

27.370 μm

1555.260 μm



Adam W. Brown – ReBioGeneSys (2015) (Synergetic)





Gina Czarnecki, John Hunt – Heirloom (2016) (Synergetic)





Marta De Menezes, Luis Graca – Anti-Marta (2018) (Synergetic)



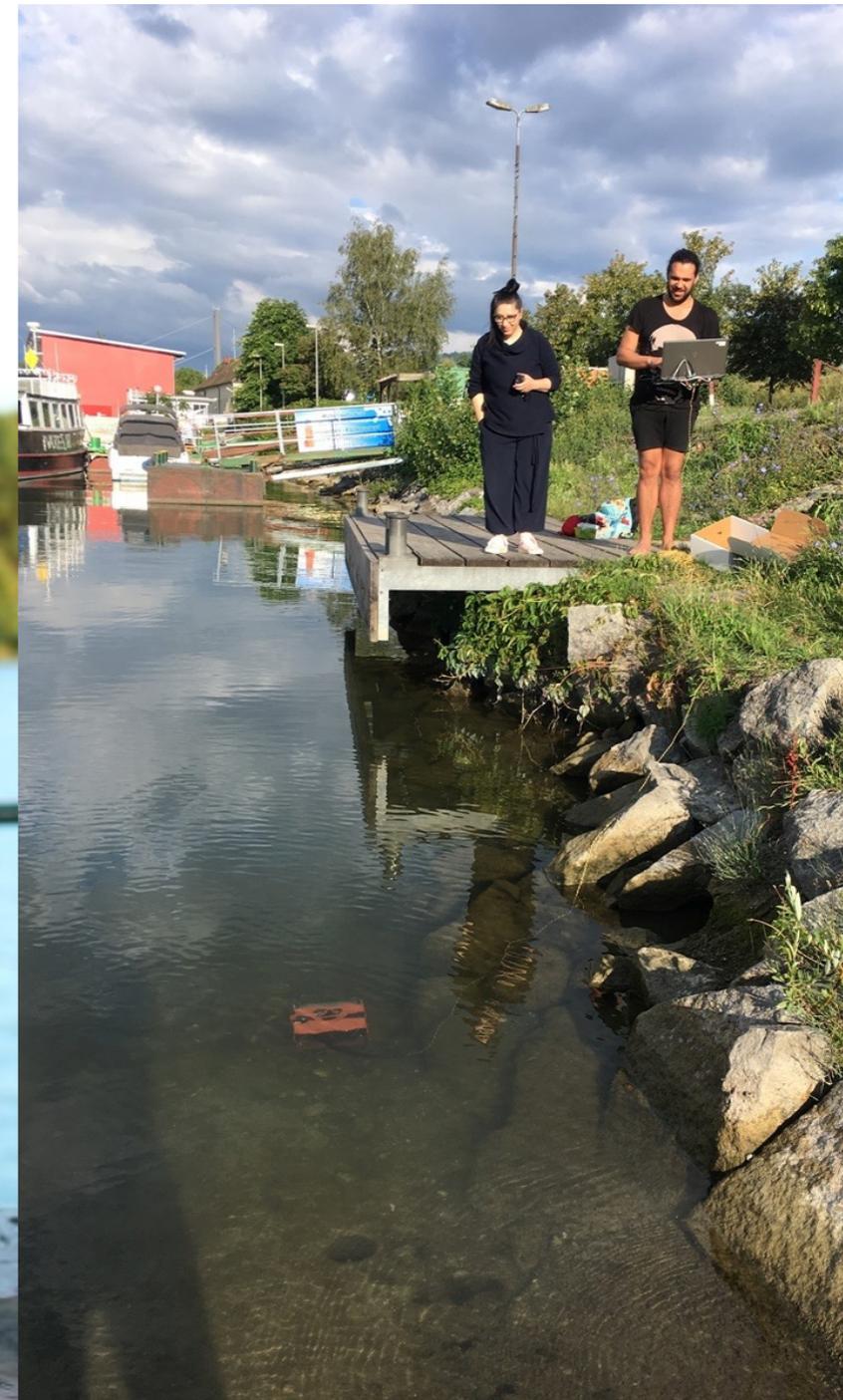


Mary Maggic – Estroferm & Endocrine Disruption Research (2016) (Complementary)





Robertina Sebjanic, Gjino Sutic – Aqua Forensic (2018) (Complementary)





Adam Zaretsky – Errorarium (2014) (Discursive)





Oron Catts, Adam Zaretsky – Disembodied cuisine (2012) (Discursive)



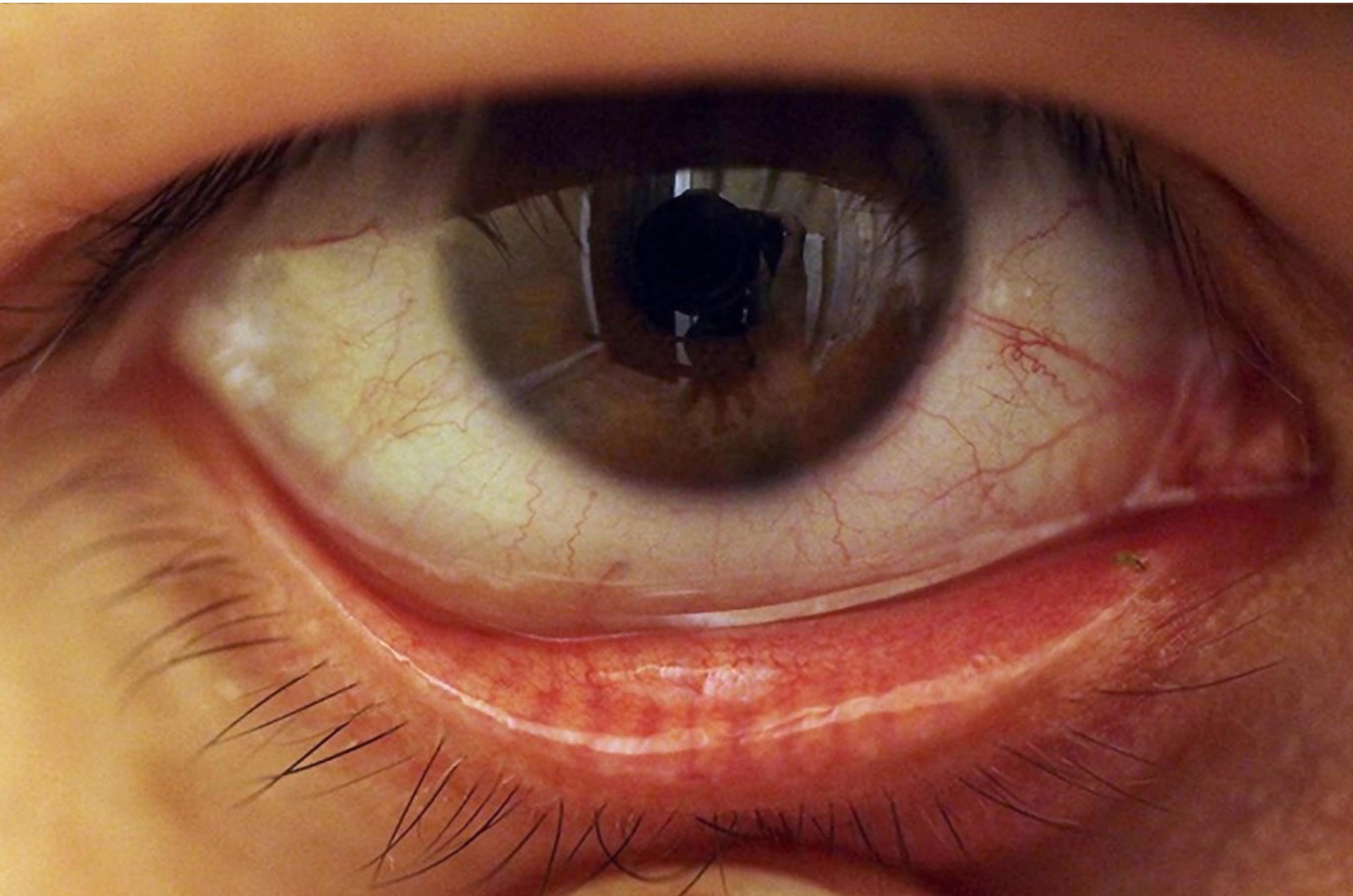


Cecilia Jonsson & Netherlands Cancer Institute (2016) (Art)



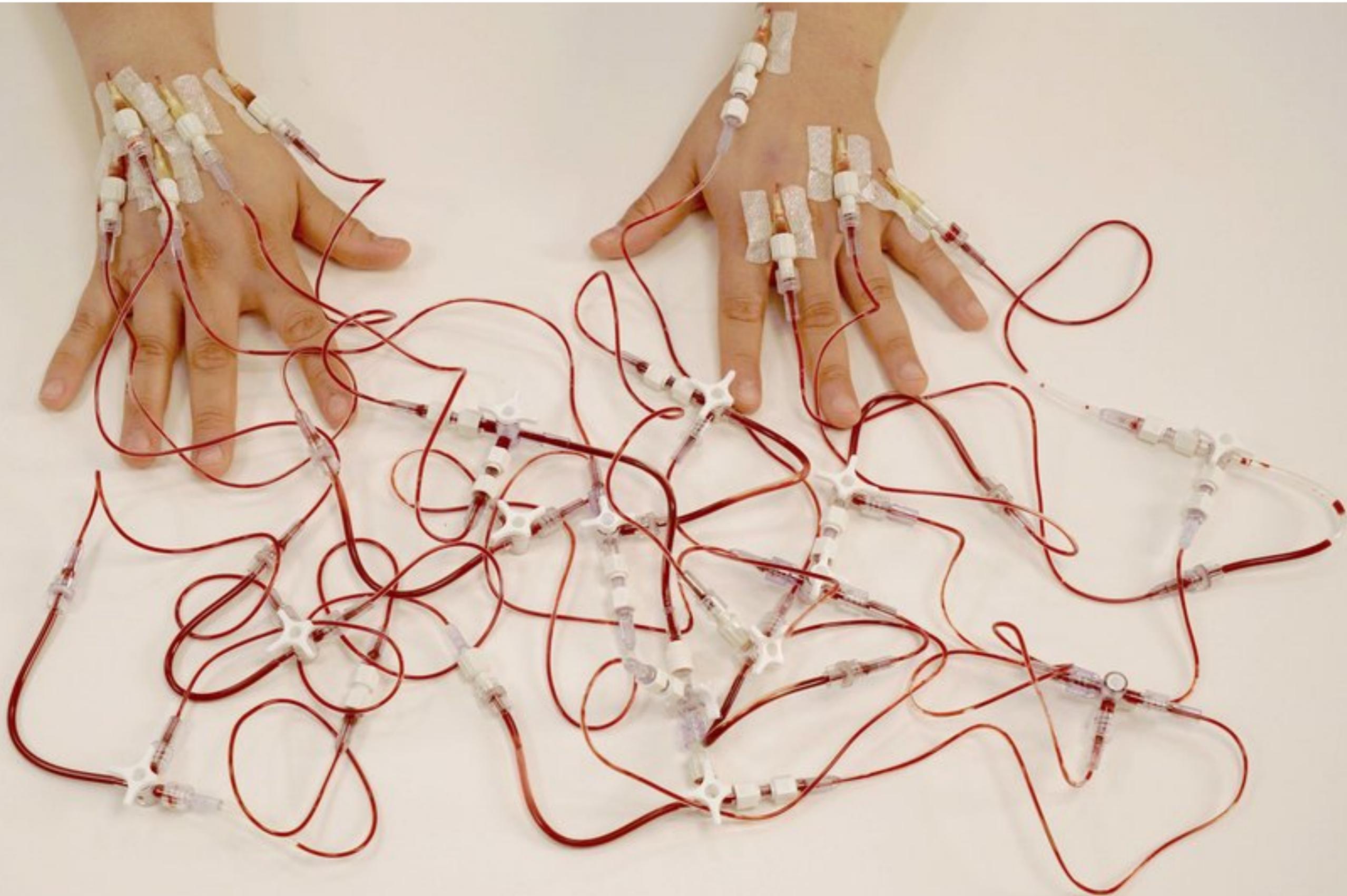


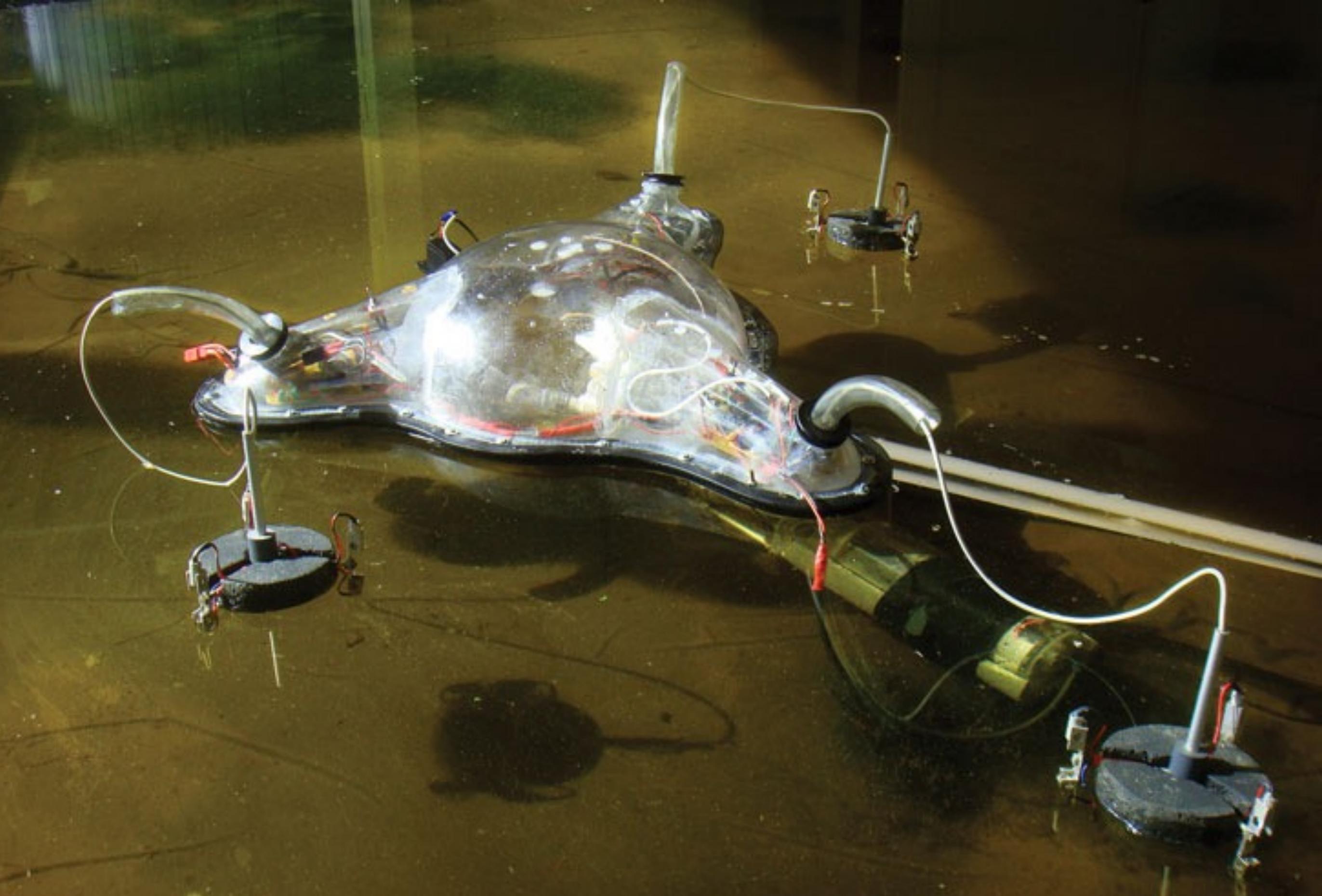
Ana Maria Lopez Gomez – Inoculate (Water Begonia) (2015) (Art)





Ana Maria Lopez Gomez – Punctum 2017





Ivan Henriques, Raoul Frese – Symbiotic Machine (2015) (Science)

Aerocene – Tomas Saraceno





Complementary, synergetic, discursive, art and science art–science research
Art learns from science – science learns from art

Where do we need to understand how much arts and sciences are competing in a neo-liberal context and we need criticality, alternatives and more negotiated collaboration.

What are the sometimes competing sometimes collaborations cultures of research

- scientific research
- artistic research
- design research
- citizen science / the public as research community
- critical making?
- ...

So after showing this diversity in post-disciplinary appropriation leading to diversity in research cultures I will show and tell about collaborations in a number of projects we have done at Waag

OTHER DINNER

DIY HEC

FEAT

TMIAAA

STARTS

CRITICAL MAKING – DANI PLOEGER



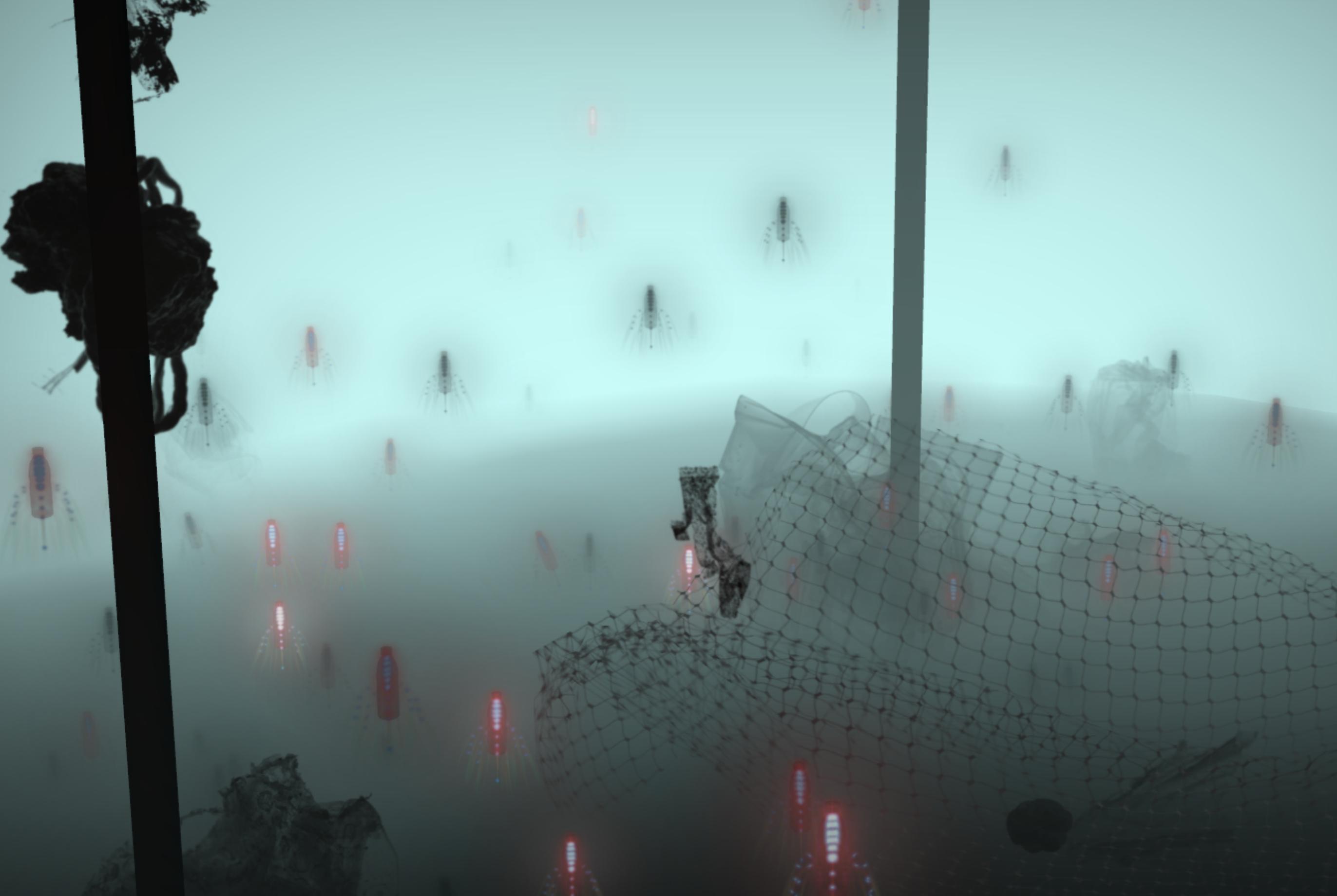
Chloe Rutzerveld, Lucas Evers – The Other Dinner (2014) (Discursive)





DIY Human Enhancement Clinic – DIY Hormone extraction





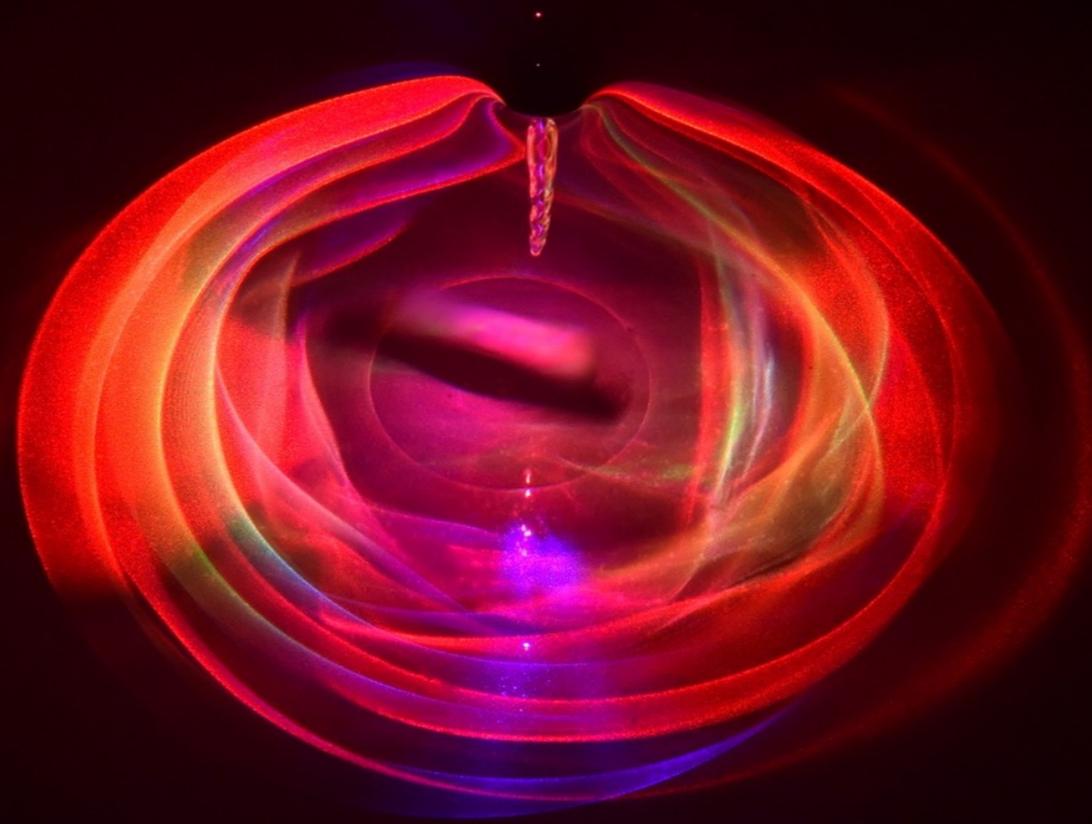
boredomresearch, SubCULTron – Robots in distress (2017) (FEAT)





Kersitn Ergenzinger, NUCLOCK SpaceTimePoetry (2017 ongoing) (FEAT)

Evelina Domnitch, Dmitry Gelfand, RisQ – Orbihedron (2017) (FEAT)

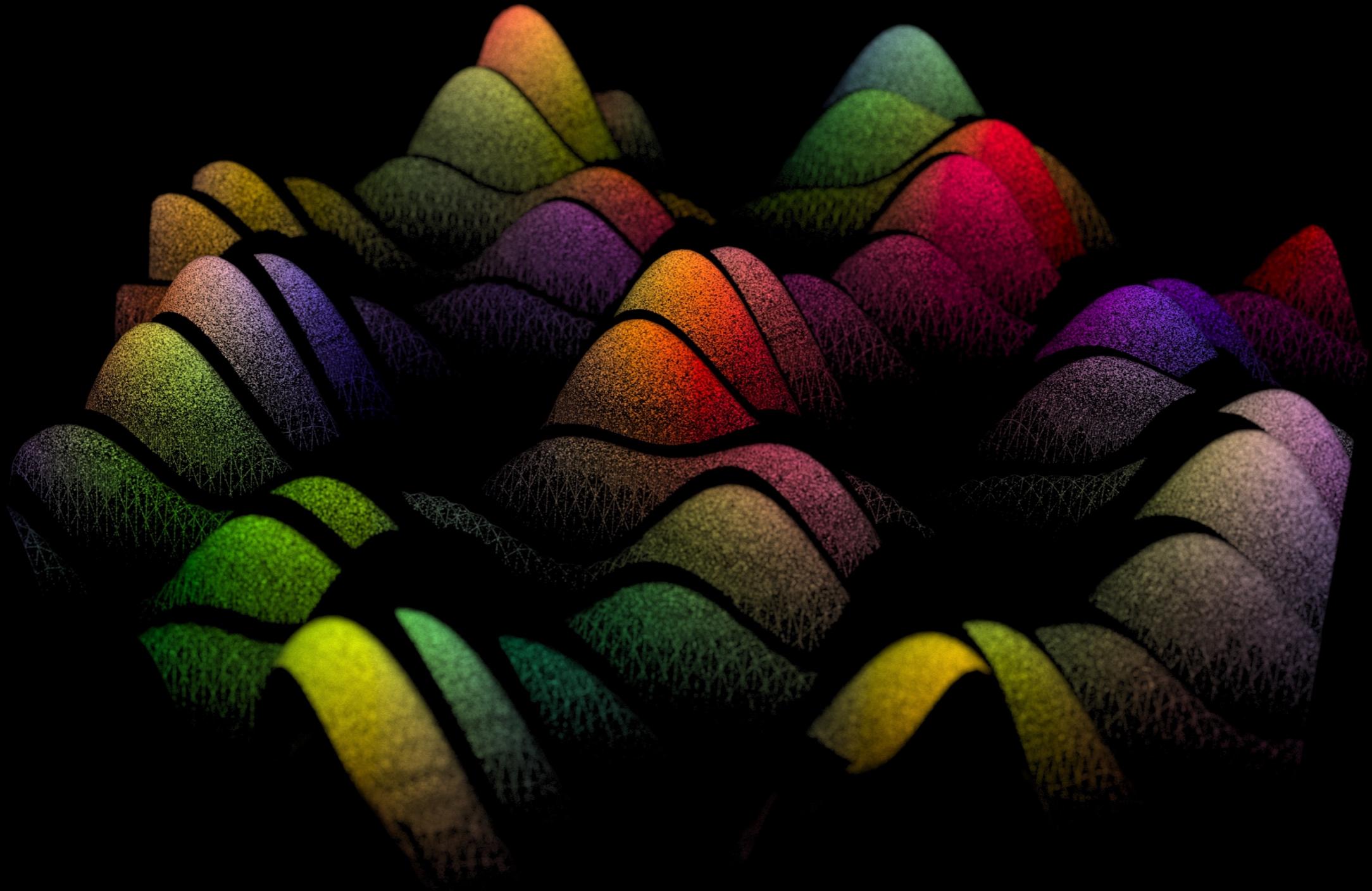


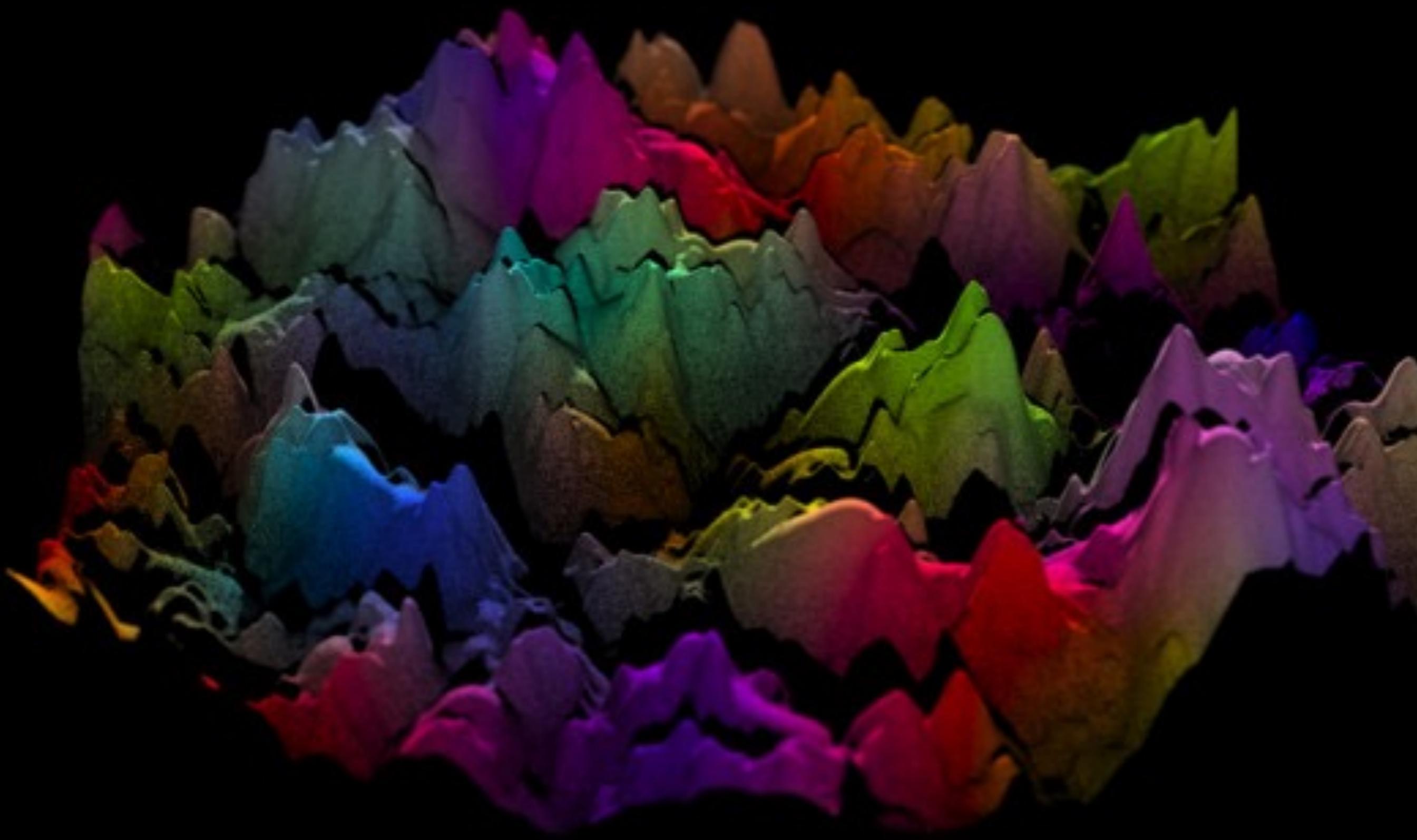


Evelina Domnitch, Dmitry Gelfand, RisQ – Ion trap (2017) (FEAT)



Semiconductor (Ruth Jarman, Joe Gerhardt), QuProCS – Parting the waves 2017 (FEAT)



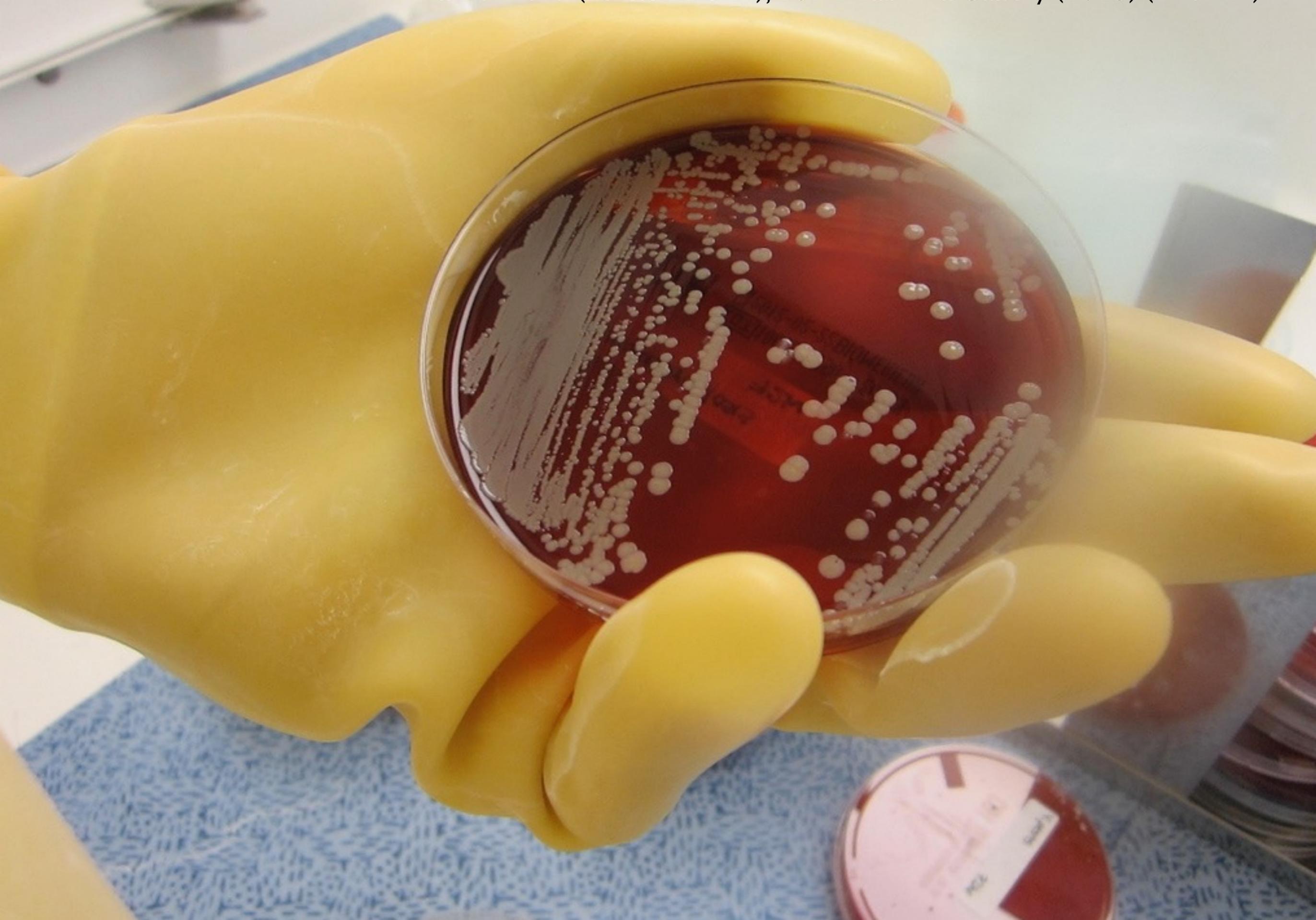




Anna Dumitru – Make Do Mend / Controlled Commodity (2017) (TMIAAAA/FEAT)



Anna Dumitiru (Portton Down), BSL 2 Lab in a Gallery (2013) (TMIAAAA)





Martin O'Brien – Tast of Flesh, Bite me I'm yours (2015) (TMIAAA)





Neil White – The Void (2012) (TMIAAAA)



Jennifer Willet, Kira O'Reilly – Bewildering (2017) (TMIAAA)





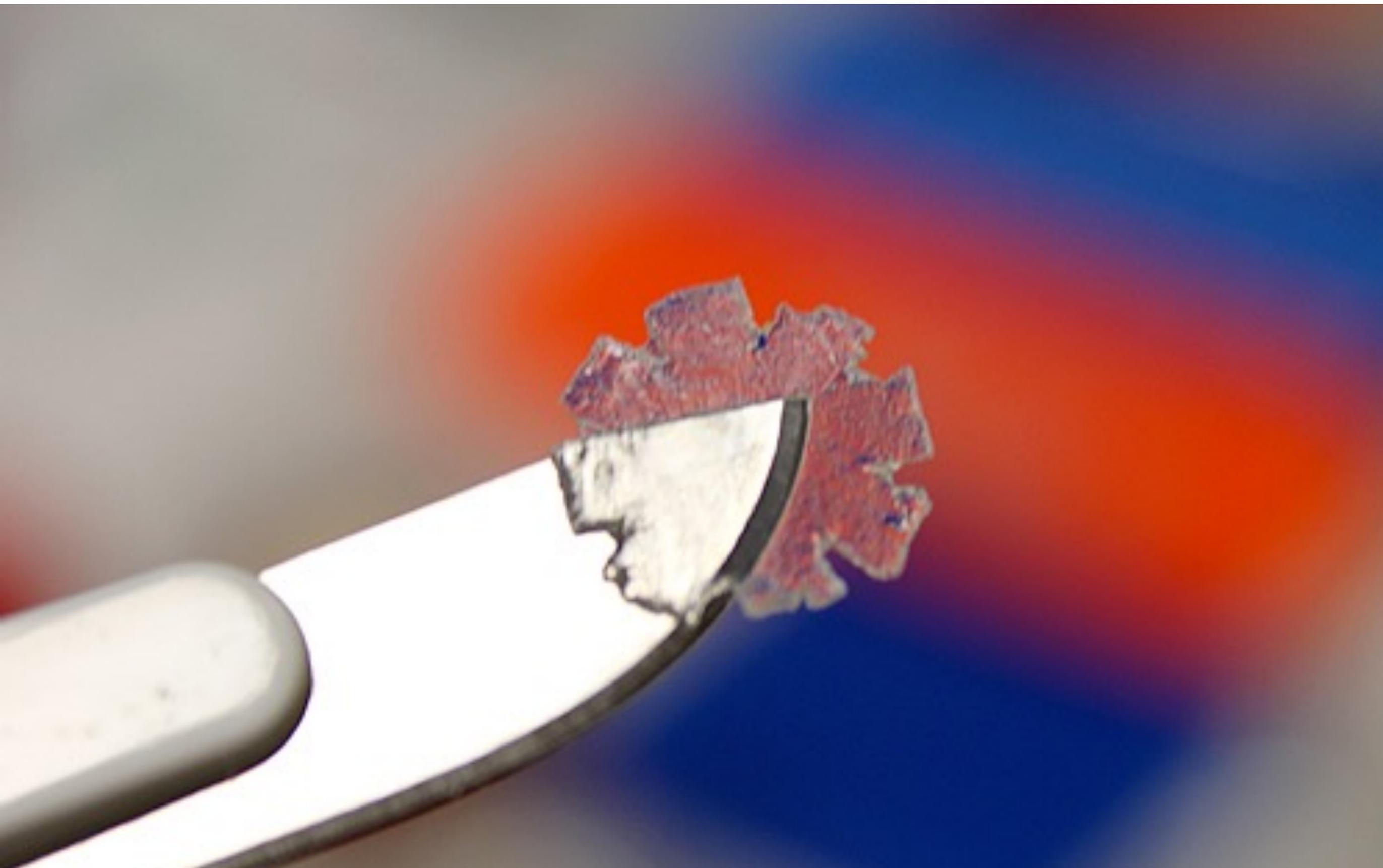


Art Oriente Objet – May the horse live within me (2014) (TMIAAAA)





Howard Boland – Cellular propeller (2014) (TMIAAA)





Spela Petric – Skotopoiesis

(2016) (TMIAAA)

Maja Smrekar – Ecce Canis K-9 Topology (2017) (TMIAAA)



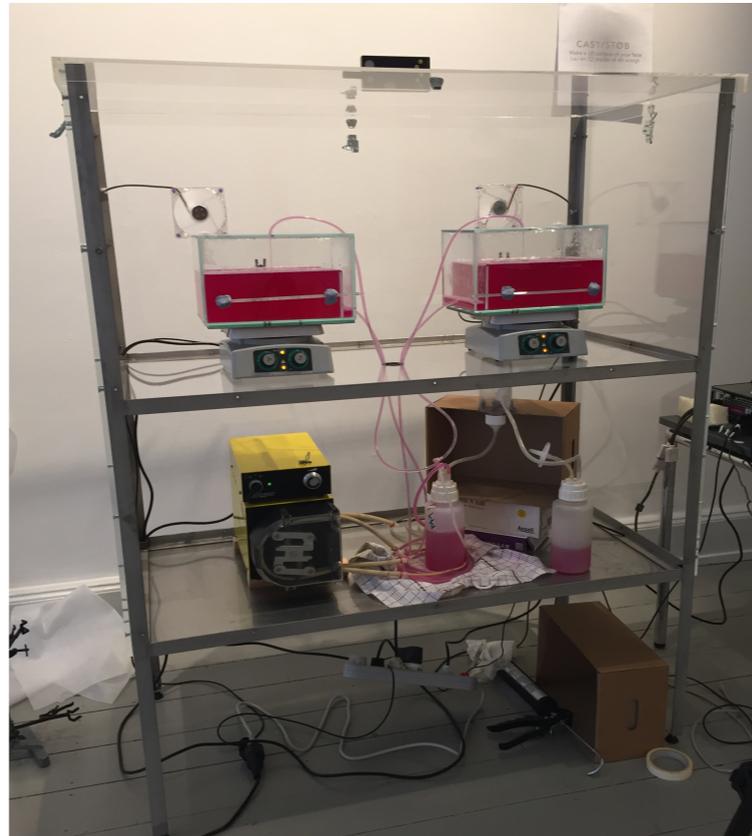


Gina Czarnecki, John Hunt – Heirloom (2016) (TMIAAAA)





Cast Make a 3D template of your face



Grow Sample your cells and grow over the template



Apply Preserve the skin or integrate back into your body

Bank Archive your appearance along with your cells



Draft, not for dissemination

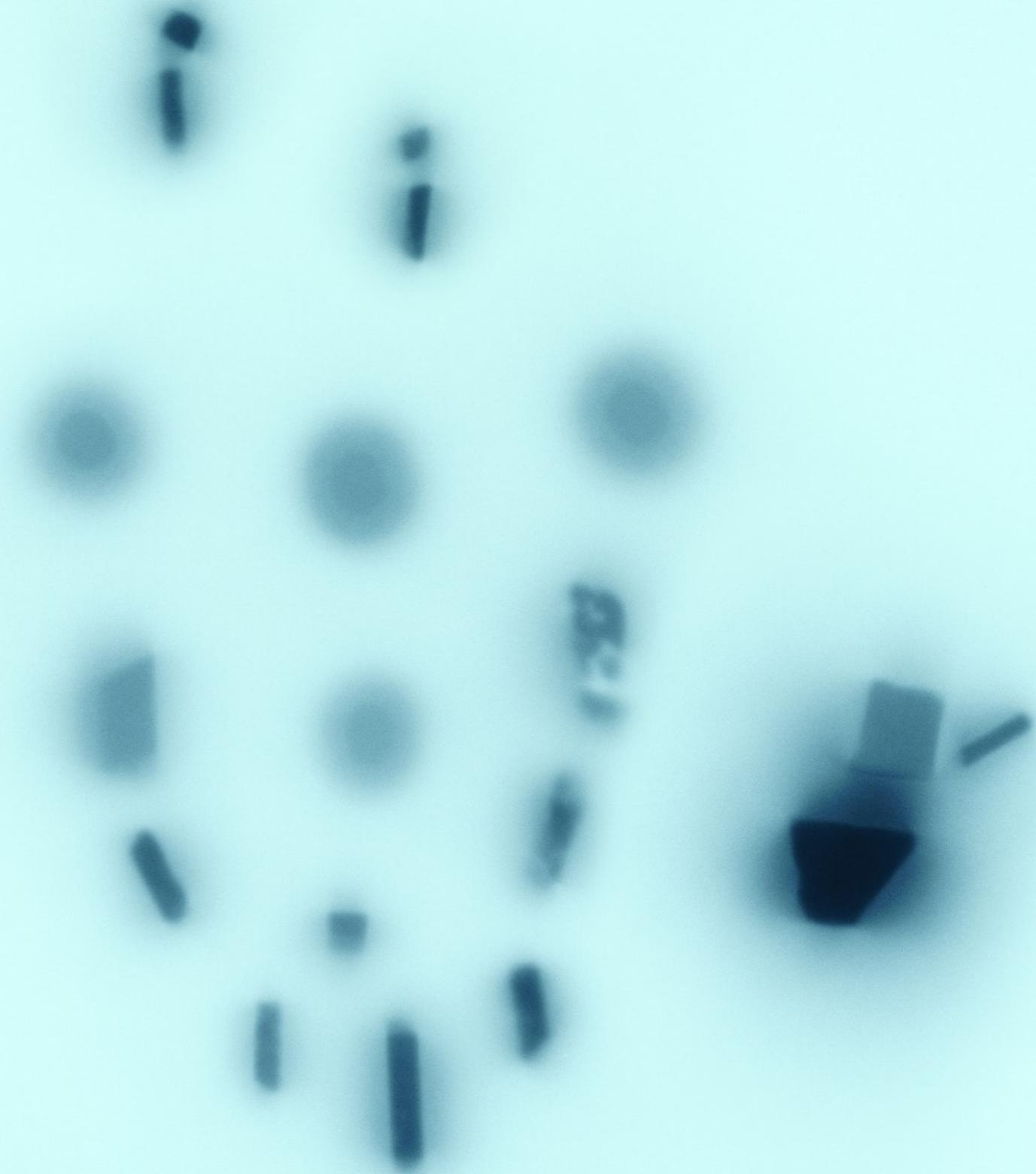


Scan Back up your face today, for future repetitions





Inheritance – Mari Keto, Erich Berger, Thorianite, Uraninite, Gold



Inheritance – Mari Keto, Erich Berger, Autoradiography



ARS ELECTRONICA

BO
ZAR

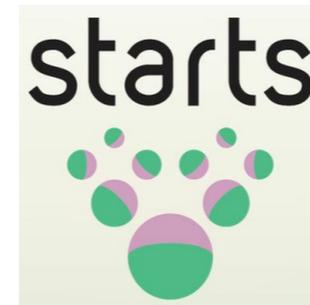
STARTS
PRIZE

(S+T)*ARTS = STARTS – Innovation at the nexus of Science, Technology, and the ARTS



European
Commission

Horizon 2020
European Union funding
for Research & Innovation





MX3D & Joris Laarman Lab (S+T)*ARTS

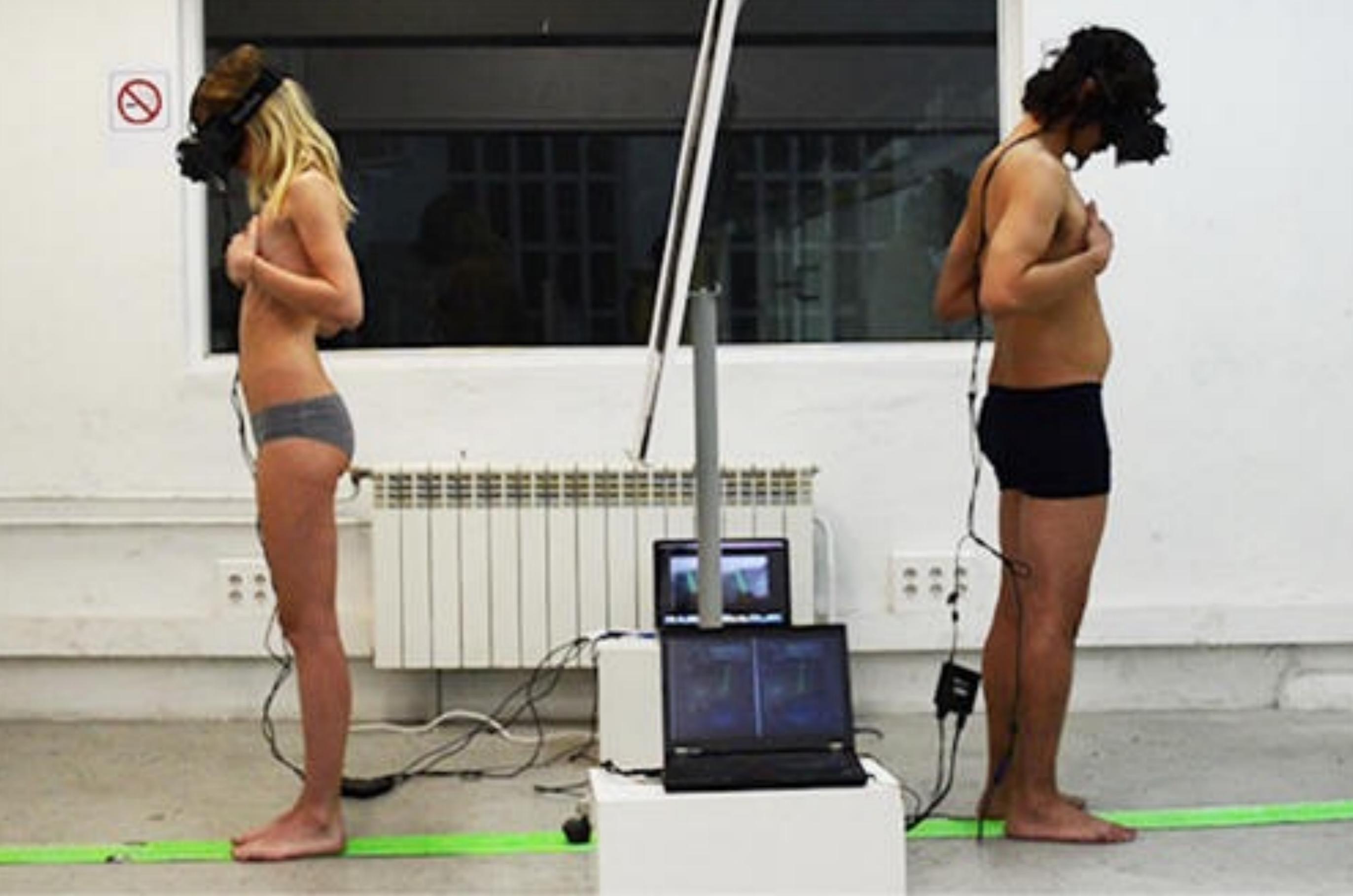


Giulia Tomasello – Future Flora (2015) (S+T)*ARTS





Marcus Maeder, Roman Zweifel – Treelab (2016) (S+T)*ARTS



Be Another Lab – Library of Ourselves (2016 – ongoing) (S+T)*ARTS

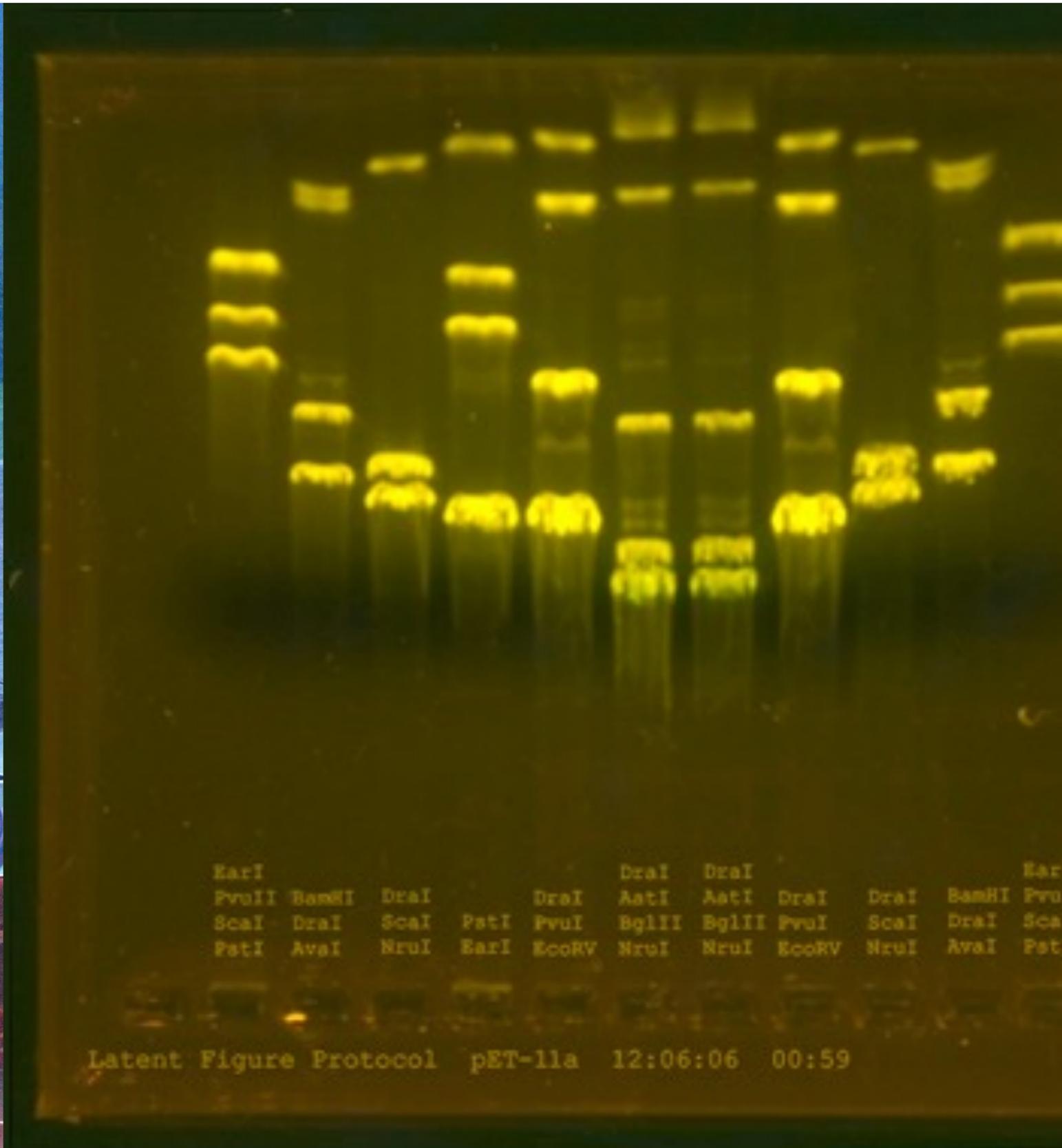


DIY Human Enhancement Clinic – Your Hormones (2016)





Critical Making (Latent Figure Protocol – Paul Vanouse)





Return to Dilmun – Guenter Seyfried, Roland v Dierendonk, Federico Muffato



BEAUTY KIT FOCUS GROUP

a participatory lecture performance by Isabel Burr Raty
68 mins



With the Support of
Flemish Ministry of Arts and Culture Belgium
Nadine Wandering Arts Bienniale
ZSenne art lab Brussels
Cultivamos Cultura Portugal

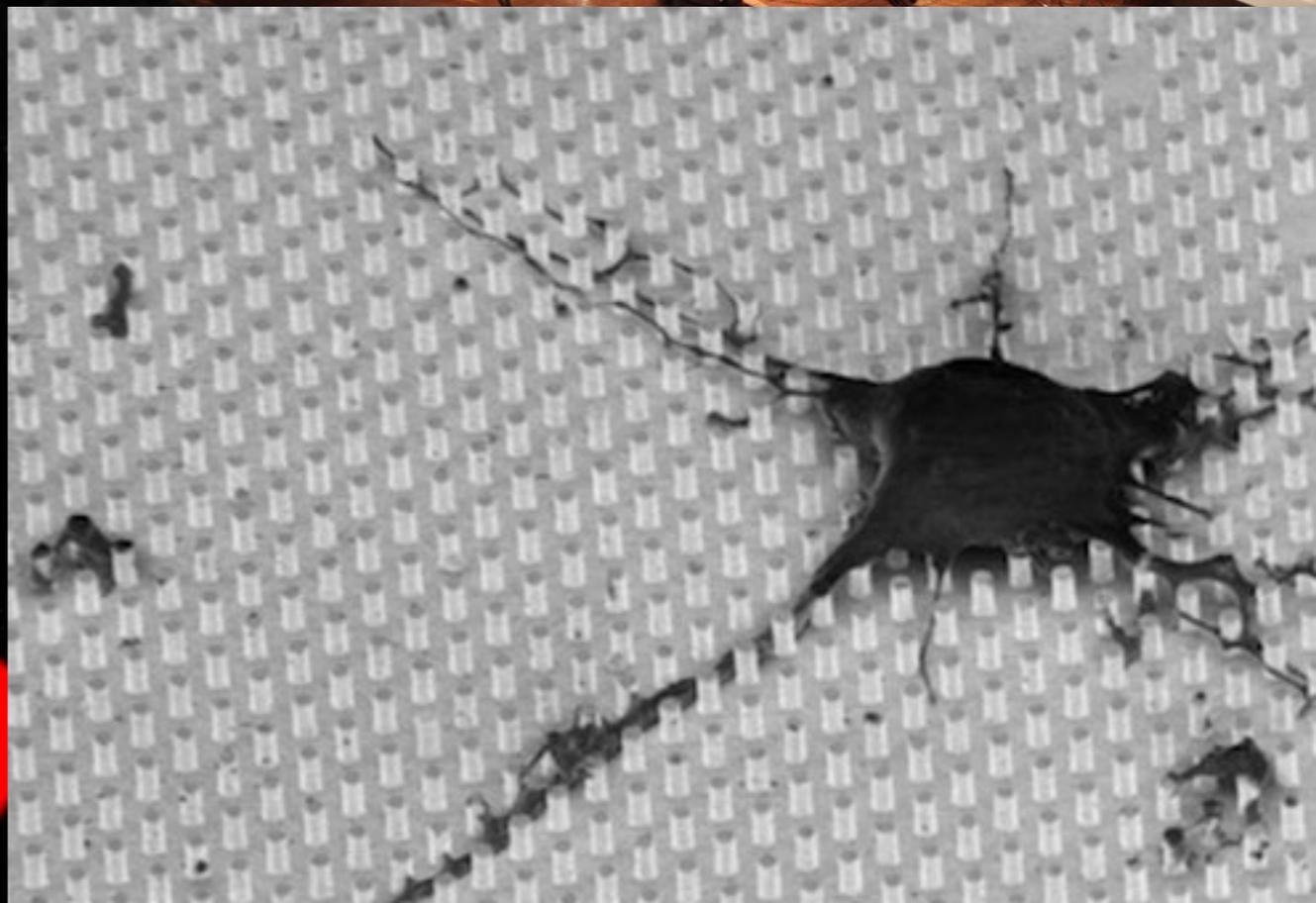
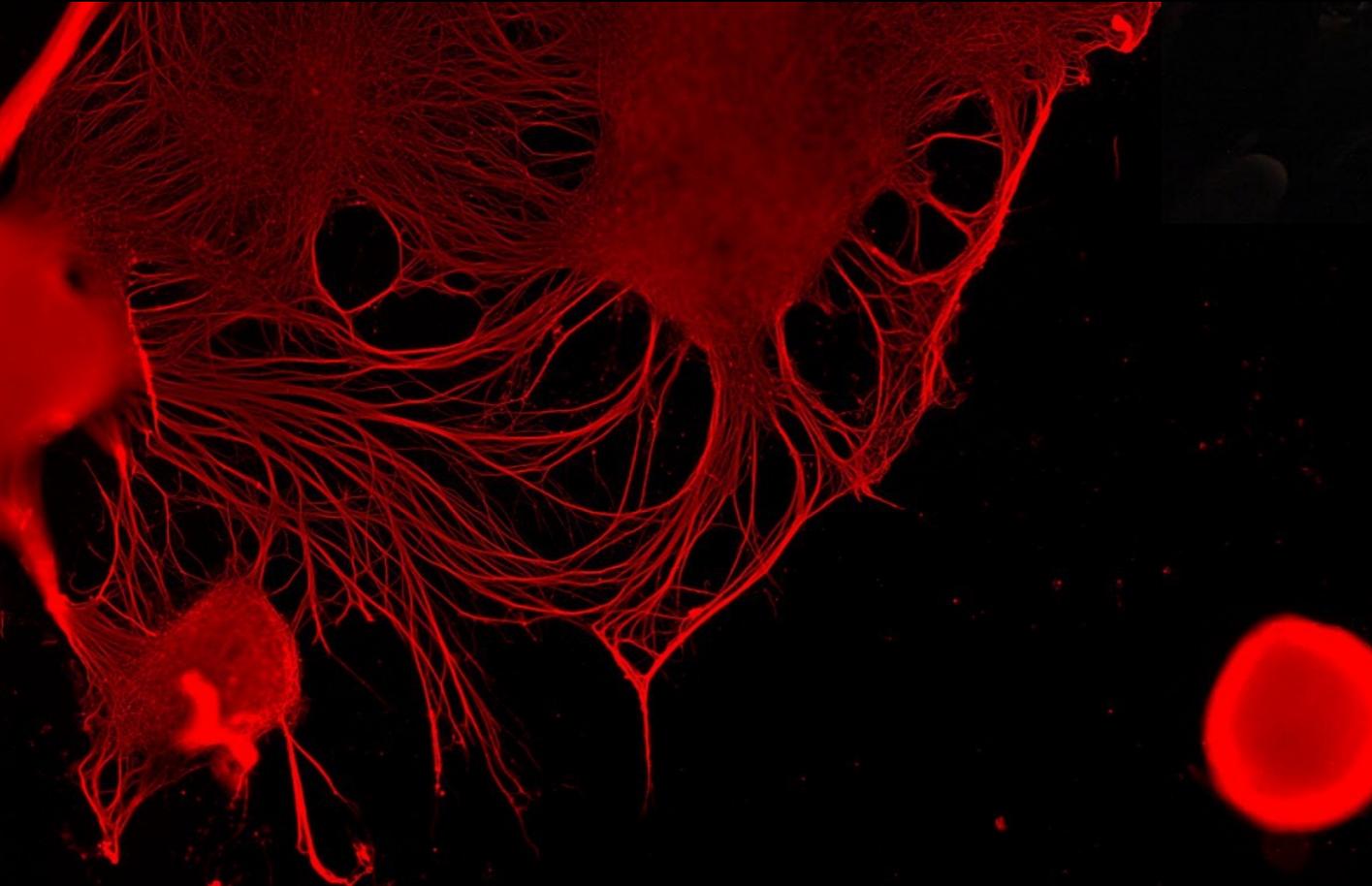
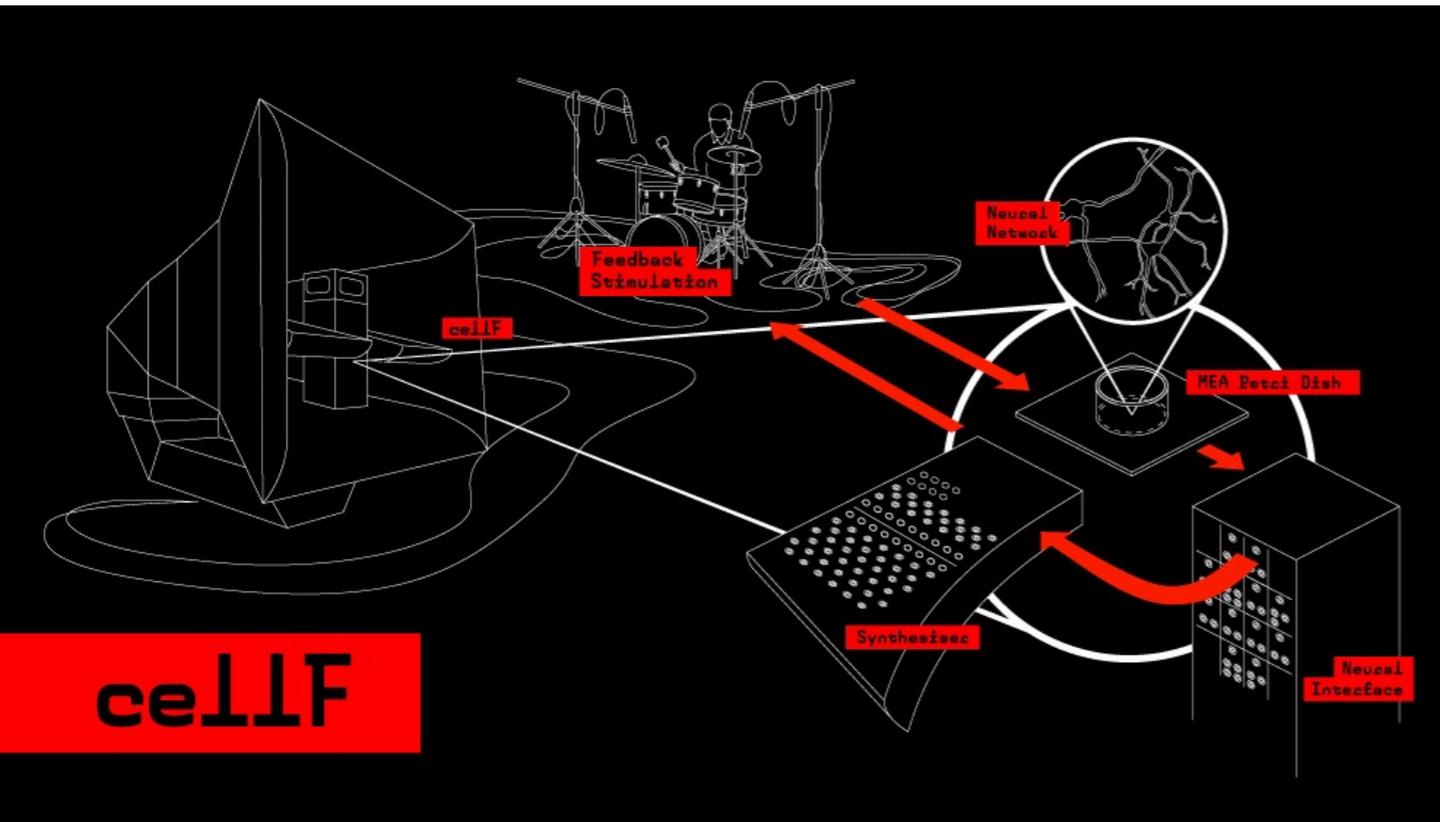
In the *Beauty Kit Focus Group*, Isabel displays the beauty bio-products that she manufactures with genital female fluids, exposing with scientific evidence that woman's sexual organs possess powers that enhance beauty. The focus group attendants are invited to inquire on the manufacturing procedures and offer her advice on possible consumers. The uncanny nature of the products and her *Female Farms* project, aiming to enlarge her production level, destabilizes the event. Just as the audience is newly awakening to unknown body faculties, women get recruited and a universal myth begins.

Isabel Burr-Raty – Beauty Kit Female Farm Harvesting Hubs (2017 ongoing)





Guy Ben-Ary – Cellf (2016) Tissue Cultures



Kuang-Yi Ku – Tiger Penis Project (2018) NTMoFA Residency at Waag (Tissue Cultures)



Pei-Ying Lin – Virophilia (2017) NTMoFA Residency at Waag





some

rights

reserved

Thank you

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waag.org/en/lab/open-wetlab



waag society

institute for art, science and technology

Mede mogelijk gemaakt door:

**stimuleringsfonds
creatieve industrie**

