



waag society

institute for art, science and technology

Bio Art & Bio Hack Academy

Feb 12, 2018
Lucas Evers, Waag Society

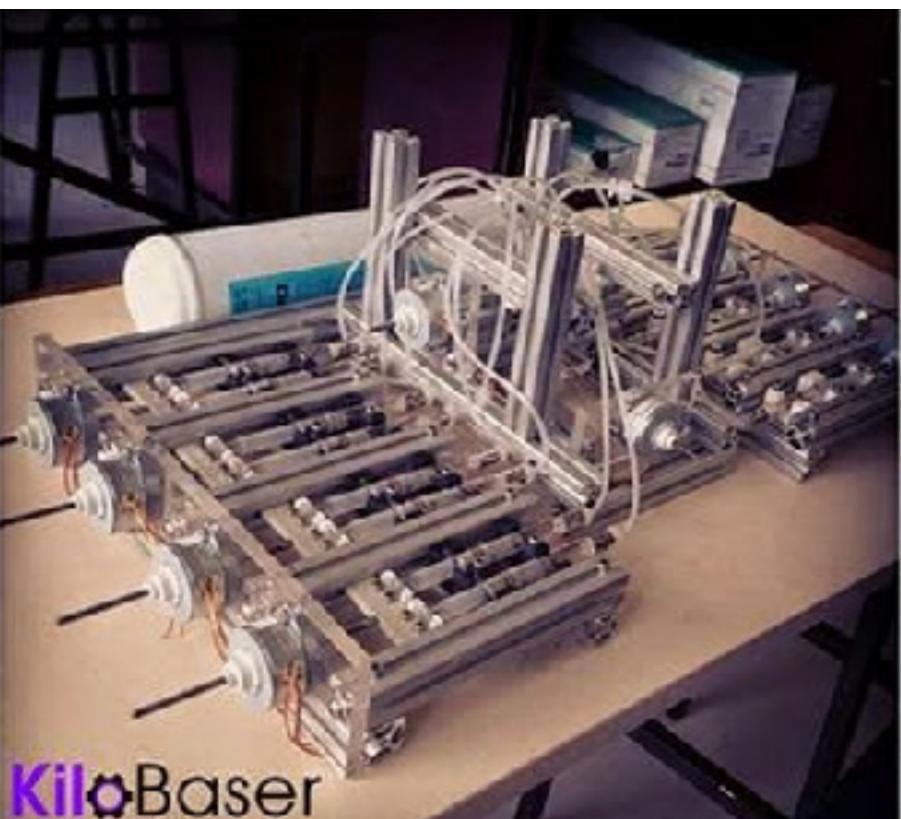




What's going on?



Bio engineering



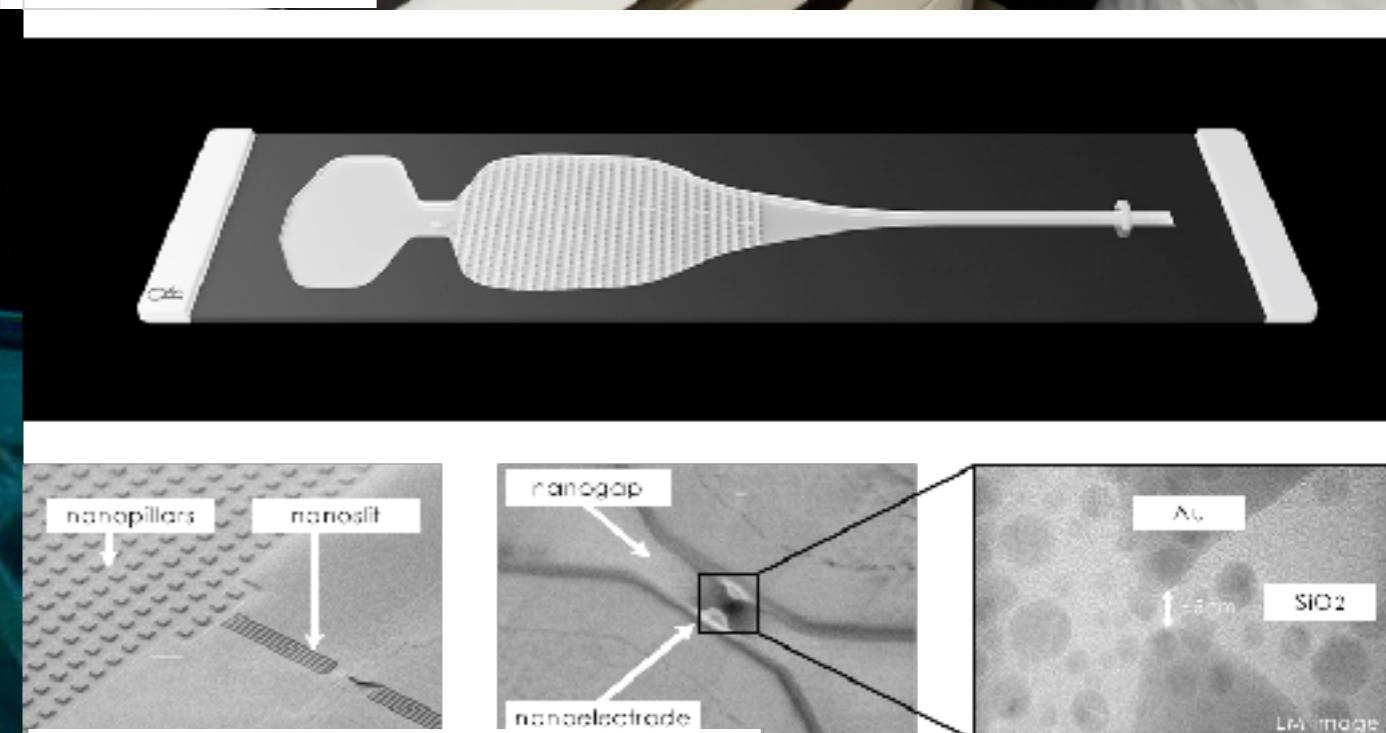
KiloBaser



Organovo



Tokyo University



Quantum Biosystems



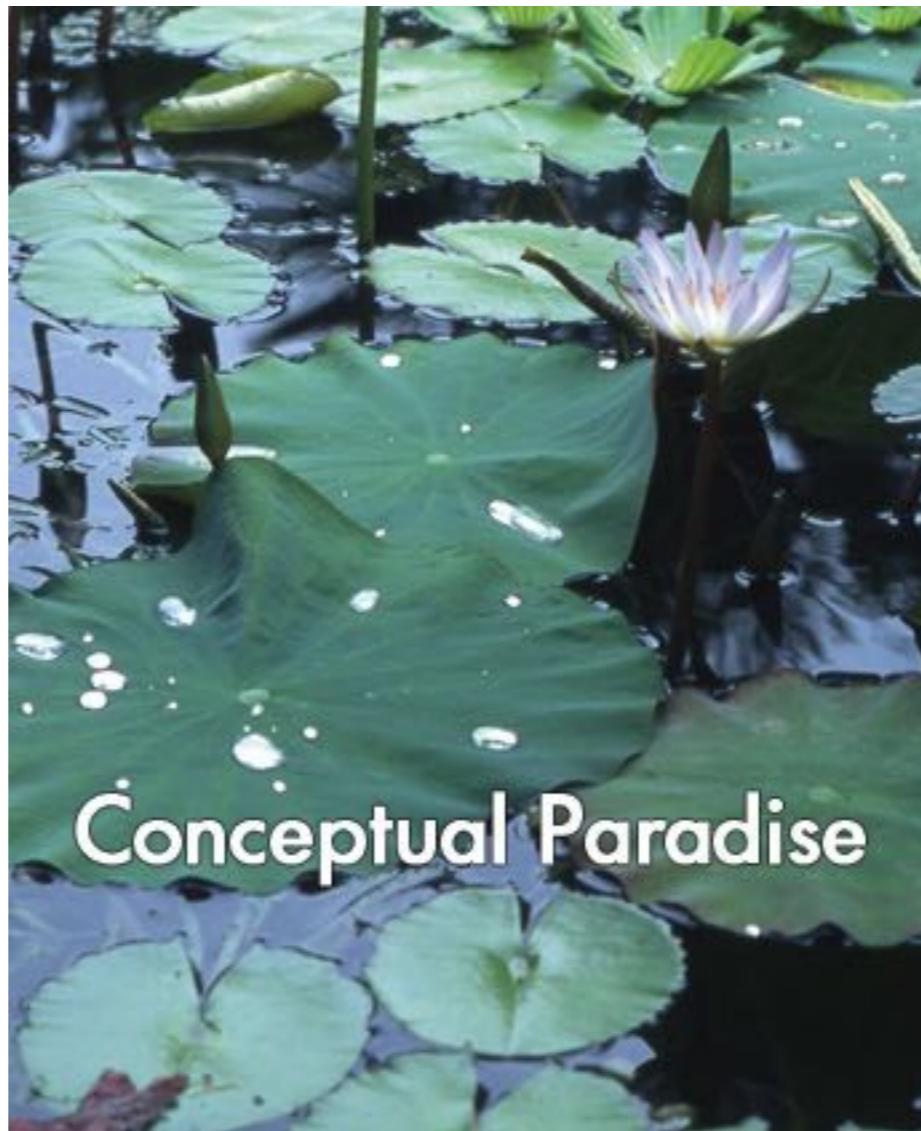
Art's discovery of the living

Delphiniums Blue – Edward Steichen





Conceptual paradise – Stefan Romer



<http://www.conceptual-paradise.com/>



Art & Biology

VIVOARTS
ECOARTS CULINARY ARTS BIOARTS NON_HUMAN ARTS BODY ARTS
GASTRONOMY ART
ECOVENTION WET BIOL ART PRACTICE ETHOLOGY ARTS
LIVE ARTS

Tissue Culture
Biology Arts

Mutagenic
Developmental Biology Arts

Physical Manipulation
Embryological Biology Arts

Teratogenic
Developmental Biology Arts

Trangenic Hereditary
Biology Arts

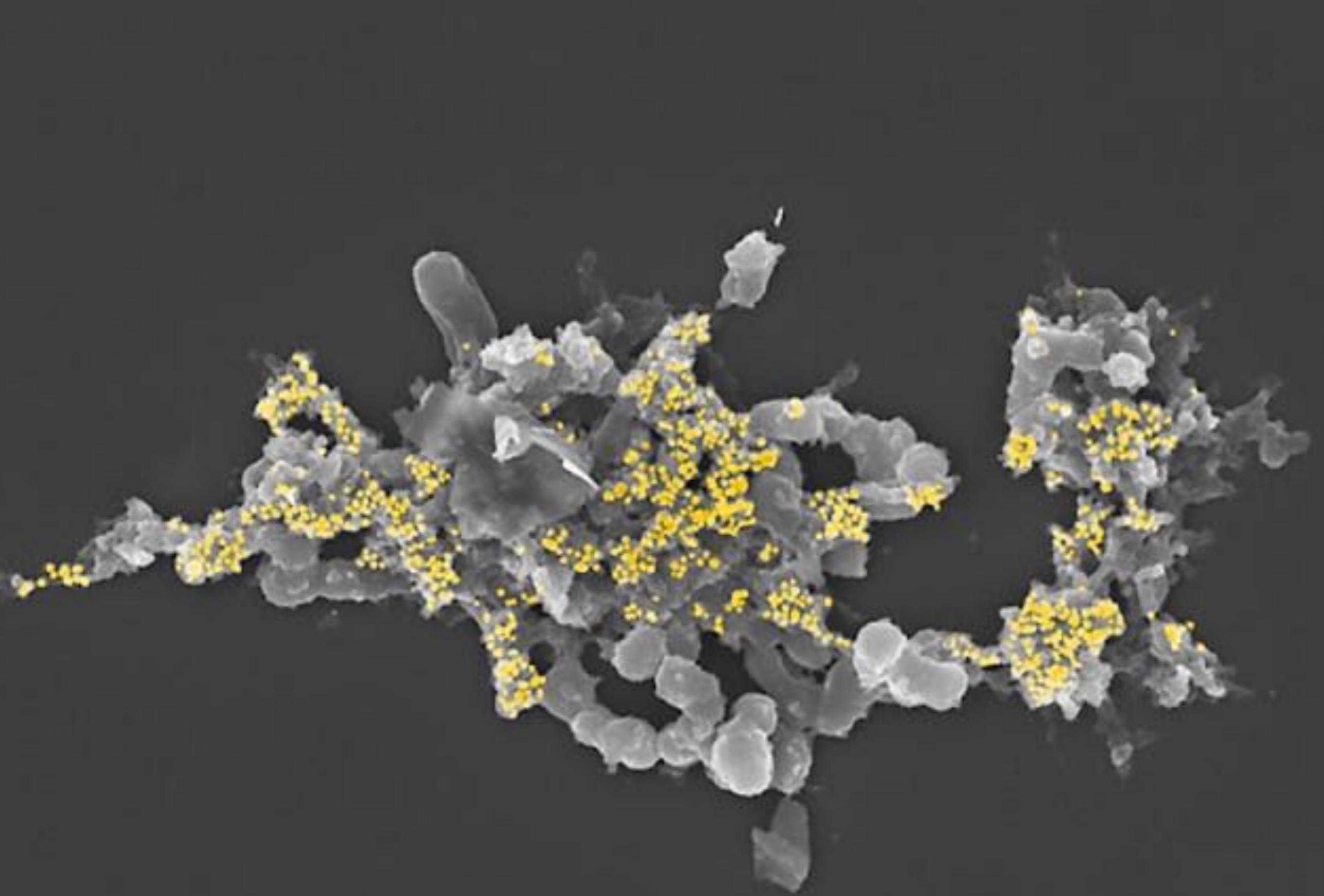
Molecular
Biology Arts



Performativity







cm

SPEC.

DATE





Disembodied cuisine – Tissue culture & art project





Bio art, ethics and critique



The other dinner with Chloe Rutzerveld





Errorarium – Adam Zaretsky



Trust me, I'm an Artist – Jennifer Willet, Kira O'Reilly



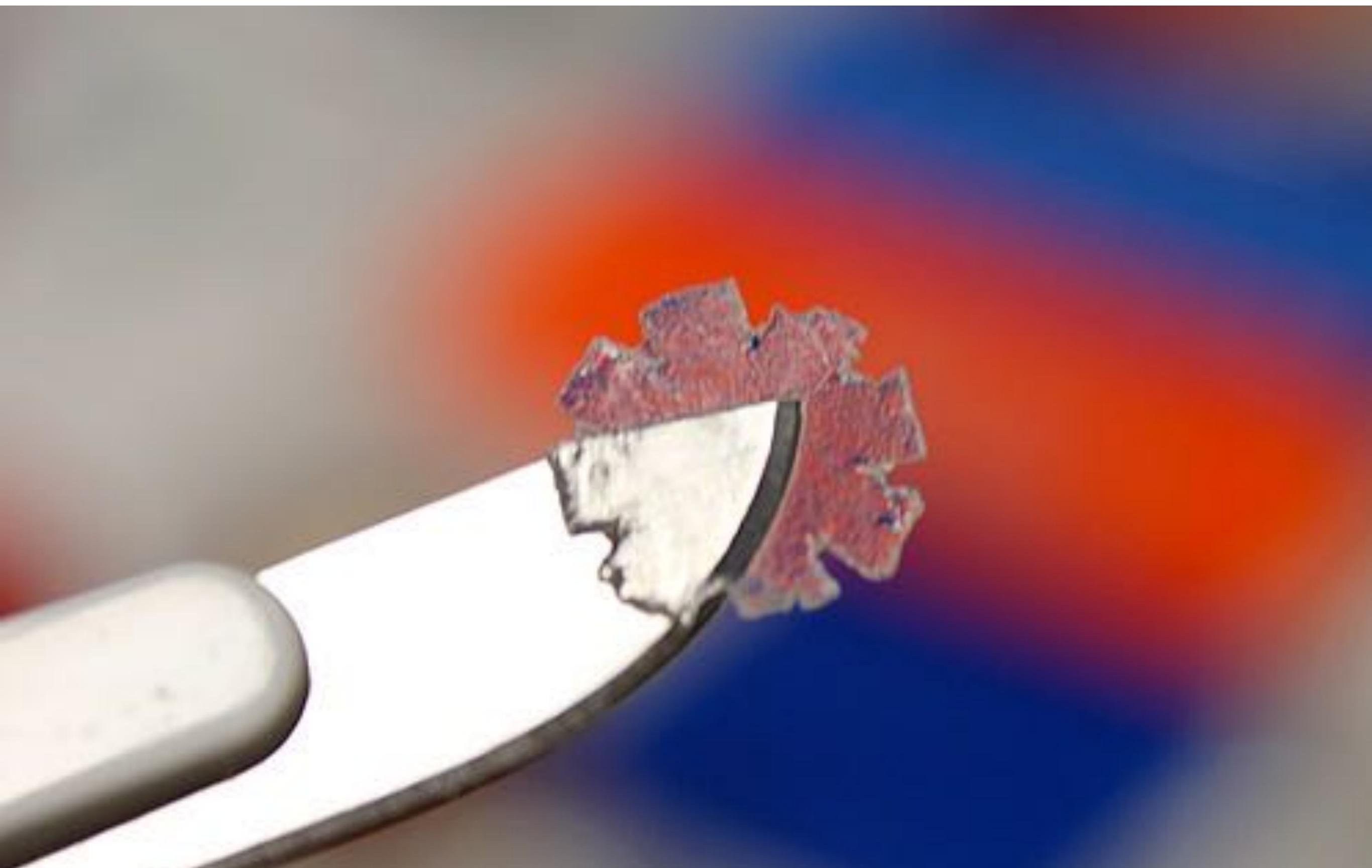


May the horse live within me – Art Oriente Objet





Cellular propeller – Howard Boland





Skotopoiesis – Spela Petric

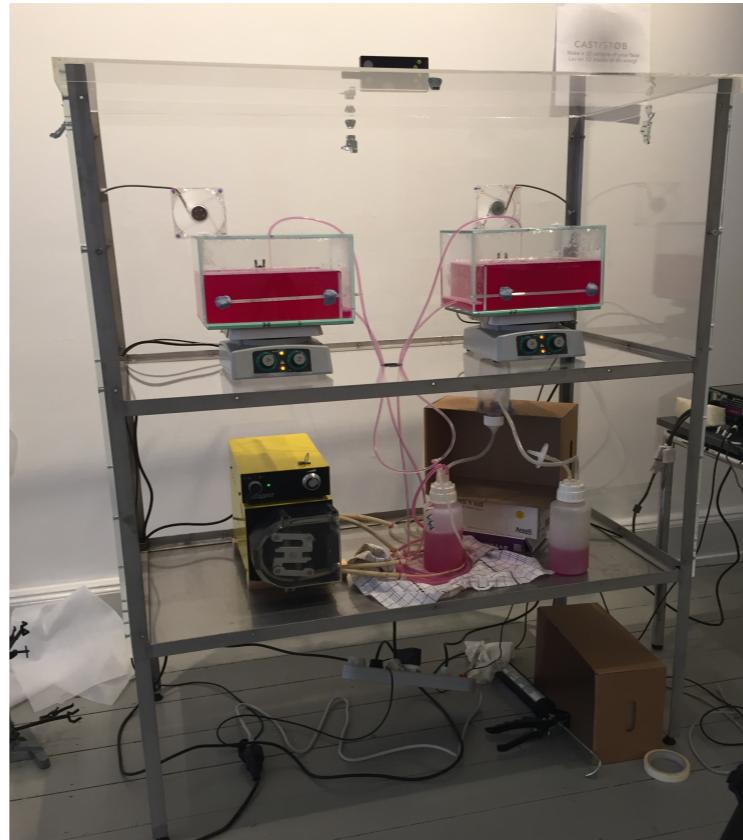


Heirloom – Gina Czarnecki, Rod Dillon, John Hunt

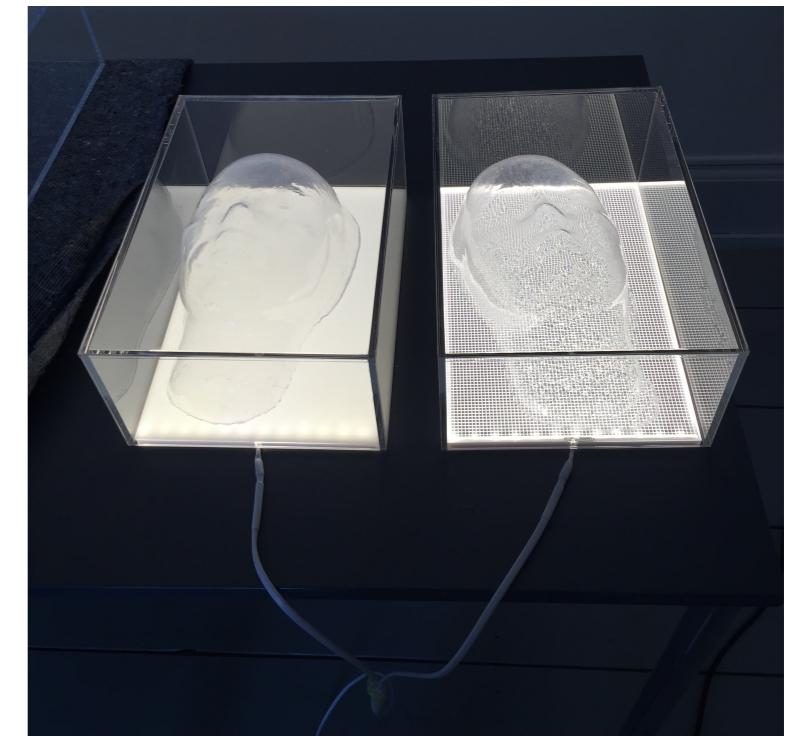




Cast Make a 3D template of your face



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





DIY Human Enhancement Clinic – DIY Hormone extraction





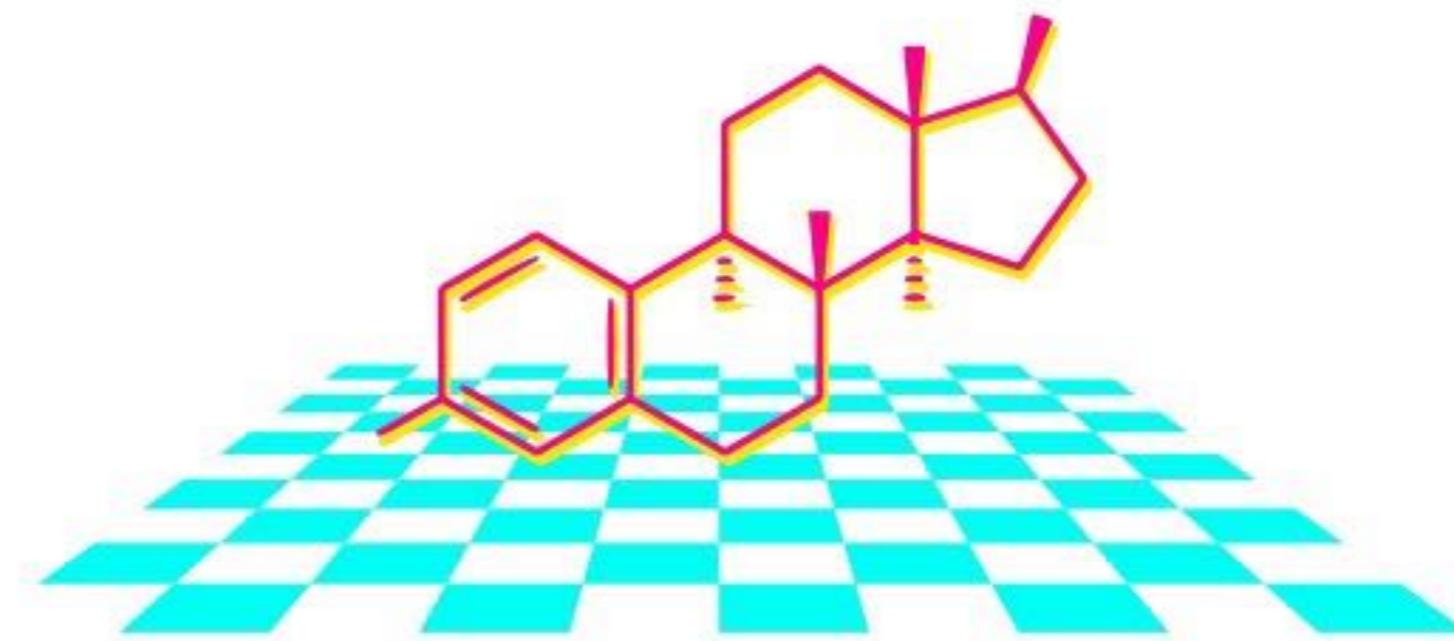
Vageyurt – Alice van de Leur Borer





Open Estrogen – Mary Maggic

OPEN SOURCE ESTROGEN HOUSEWIVES MAKING DRUGS



<https://vimeo.com/143059738>

Ecce Canis K-9 Topology – Maja Smrekar



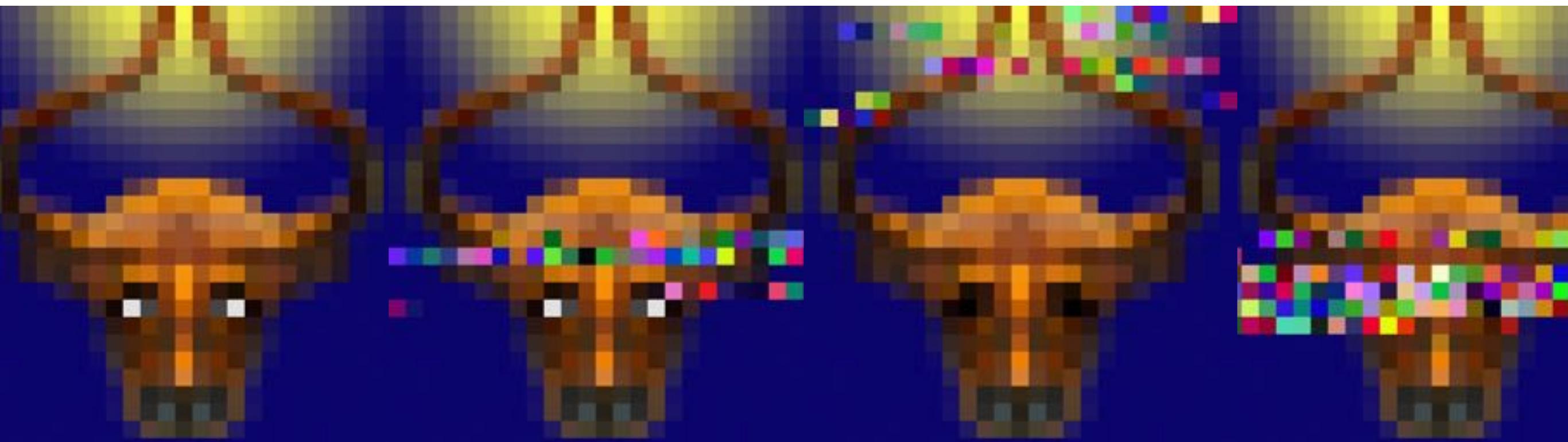


Make Do Mend / Controlled Commodity – Anna Dumitru





Return to Dilmun – Guenter Seyfried, Roland van Dierendonk, Hansjoerg
Petschko & Federico Muffatto





And the public?
Reader response theory?



At the Open Wetlab we look at how artists, hackers, scientists, the public reflect on issues around bio engineering by creating situations wherein they can work with those technologies. The public therein is regarded an expert.

They look ‘hands-on’, touching the debated technologies and thereby creating attitudes about those technologies.

Insights into these situation deliver new insights about public appreciation of these technologies and lead to probes on how to shape those technologies differently, reciprocal, fair, open, inclusive.



Do It Not Yourself Biology

open PCR
mystery meat
pee and spectroscopy
art and synthetic biology

Waag Society
De Waag
Nieuwmarkt 4
1012 CR Amsterdam

24 April 2012

Re: Creation of competent strains of *E. coli* (DH5 alpha) at the De Waag.

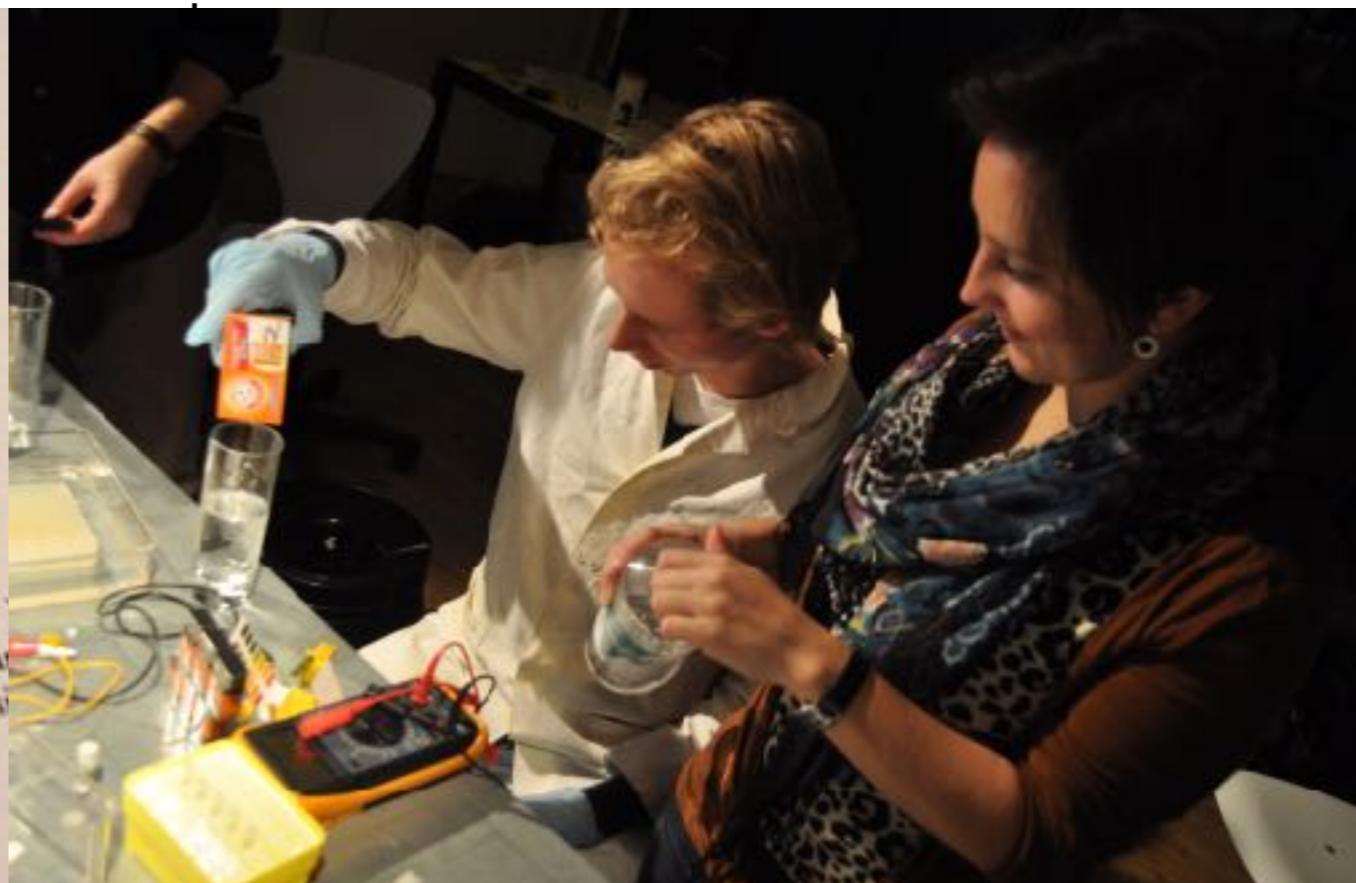
To whom it may concern,

This declaration is in support of the legality of inducing competence in the DH5-alpha strain of *E. coli* at De Waag. It refers to guidance from the National Institute for Public Health and the Environment (RIVM).

Section 0. Background

De Waag is a non-profit, community run space in central Amsterdam. The Do-It-Yourself Bio workshops and Open Wetlab are do-it-yourself biologists, artists and scientists who regularly meet at De Waag for series of public events. The group consists of professional and amateur biologists.

1. No genetic modification.





Bio art and innovation?



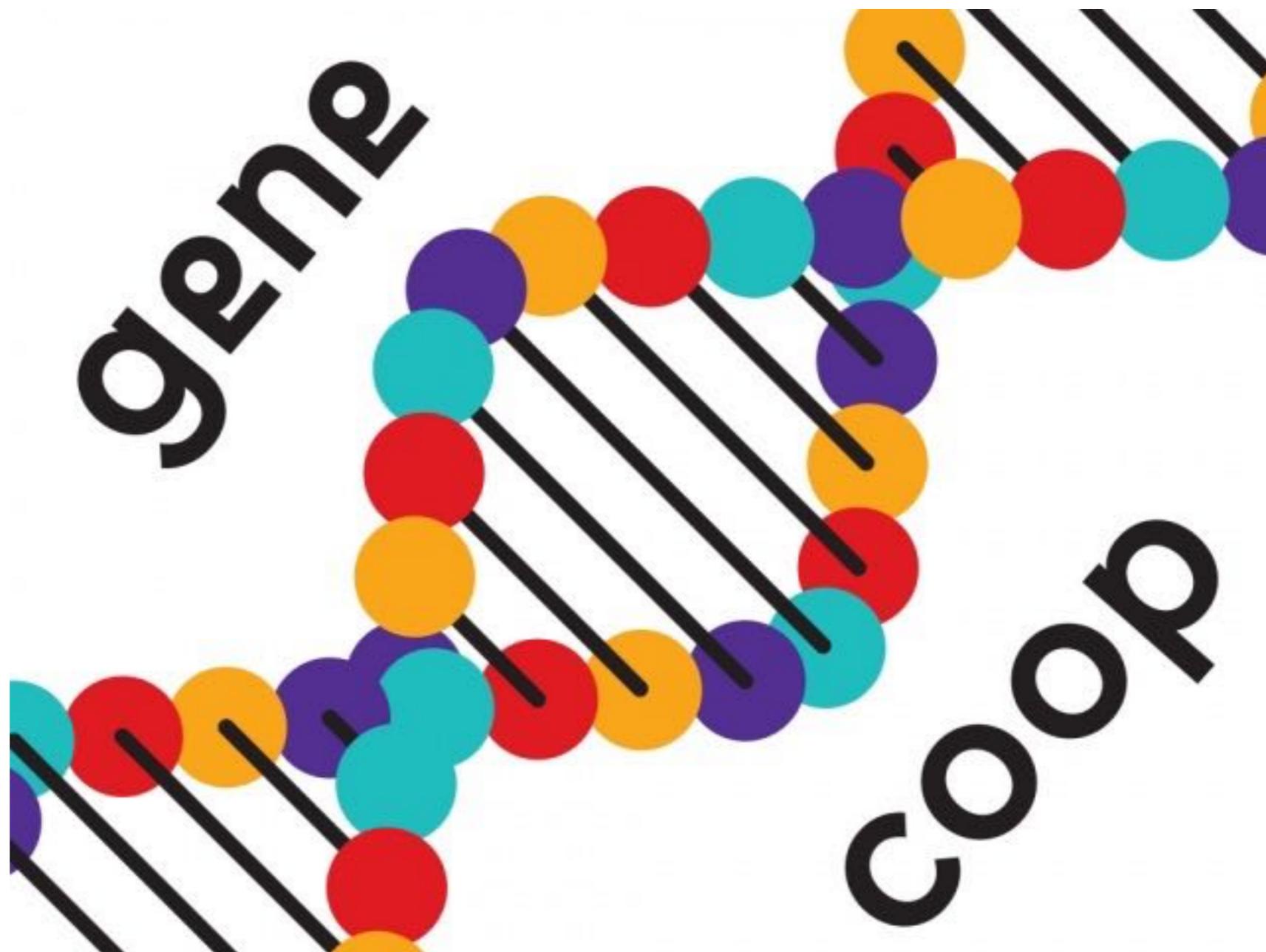
DigiBio Microfluidics / Electrowetting

Federico Muffatto, Frido Emans, Jelmer Cnossen



<https://www.youtube.com/watch?v=C677yPYXWIs>

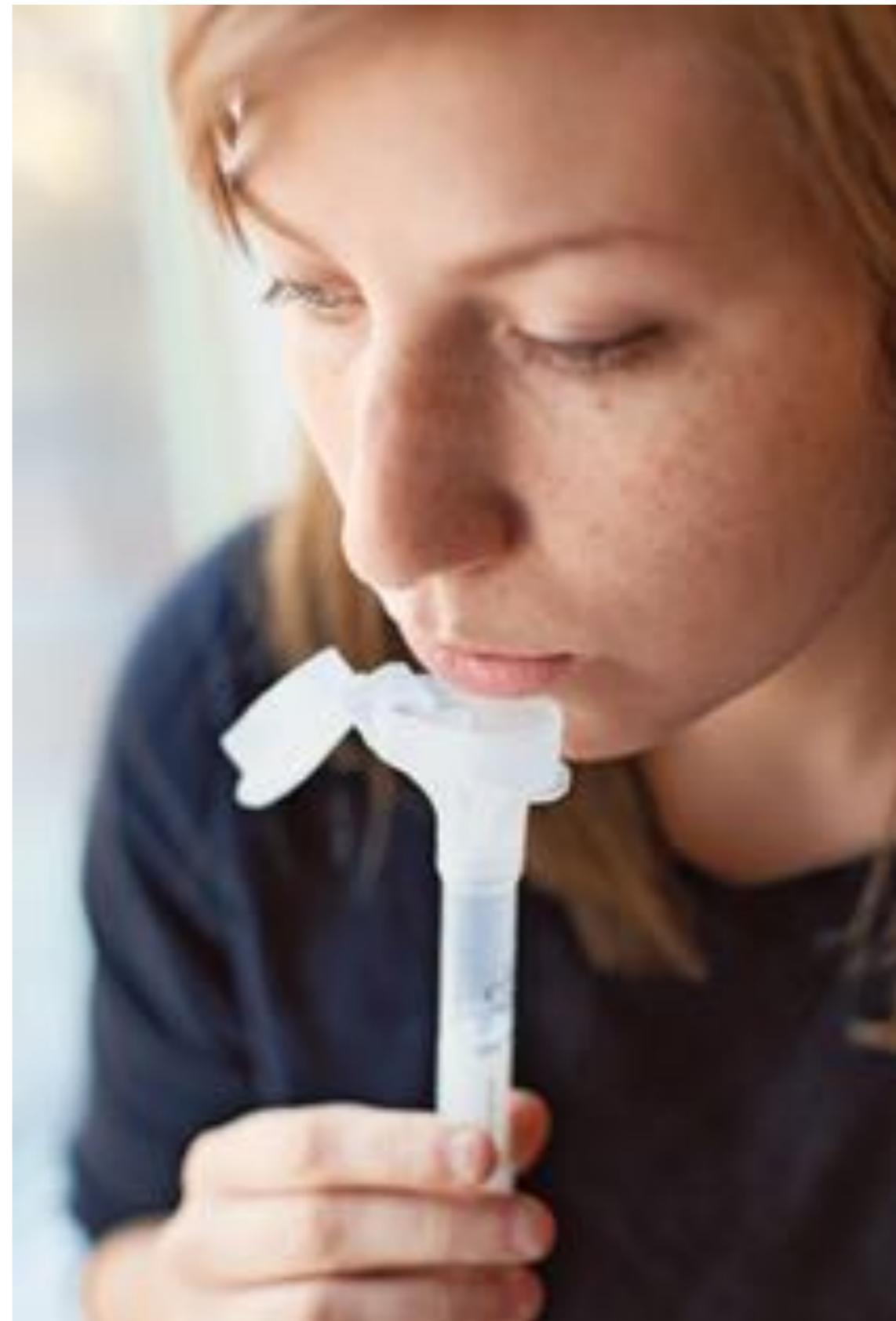


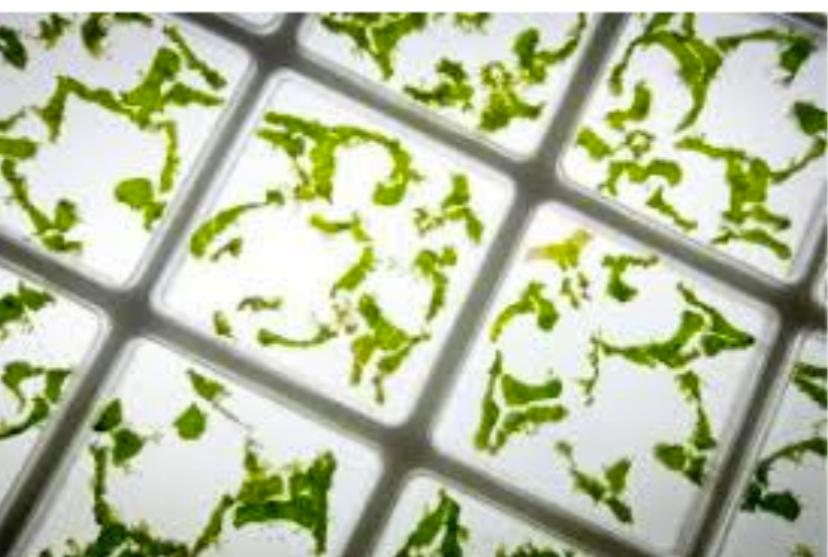
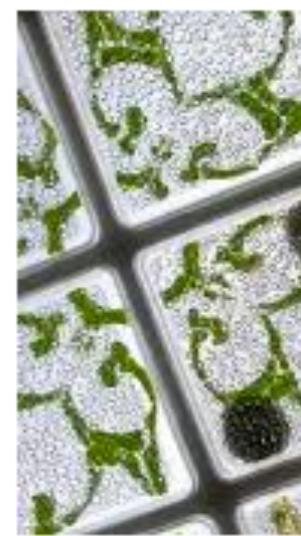
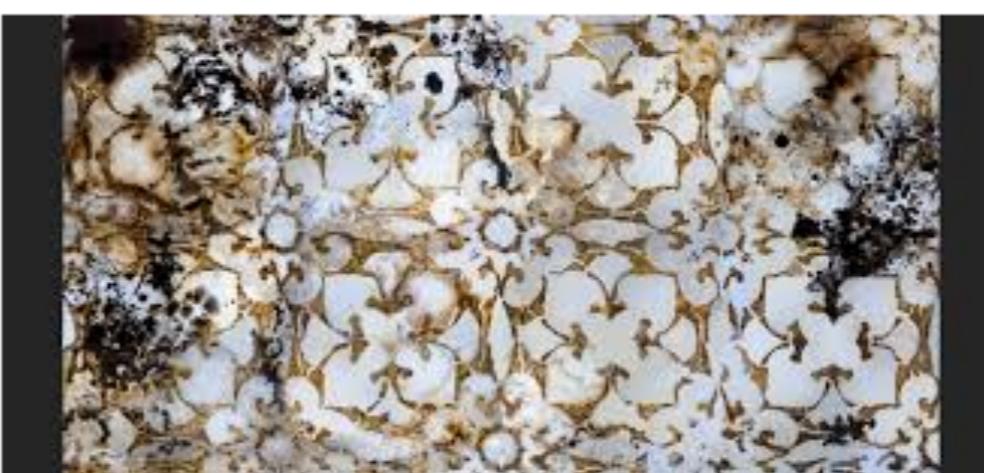
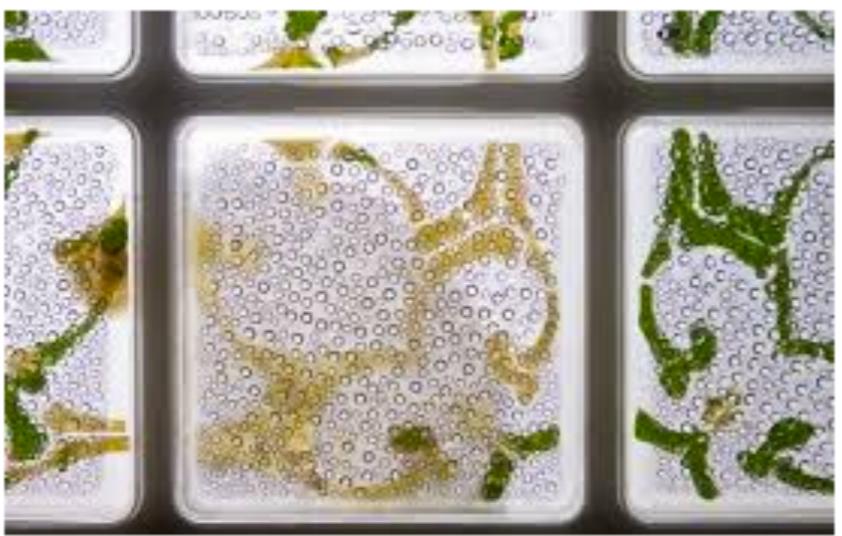
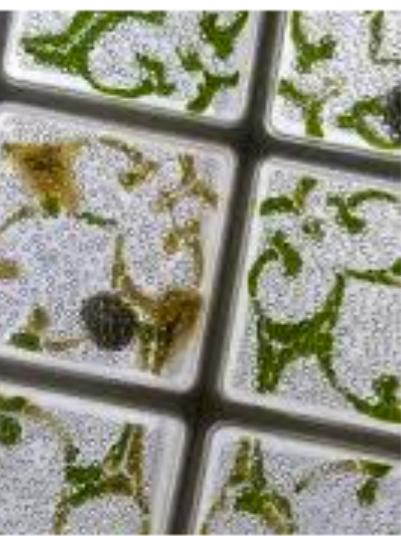
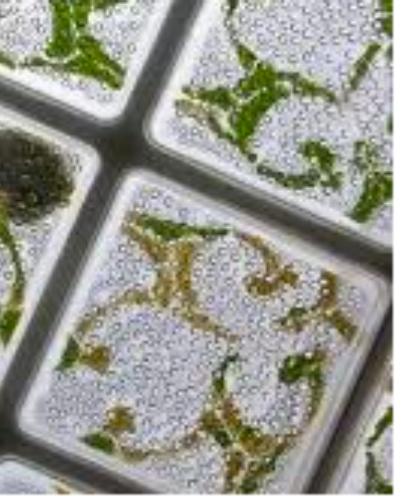




Coöperatieve DNA databank

- Basic principle:
 - DNA donors = DNA owners
 - Your DNA belongs to you!
 - To own, enables one to share
-
- Sounds easy, but how to do it?







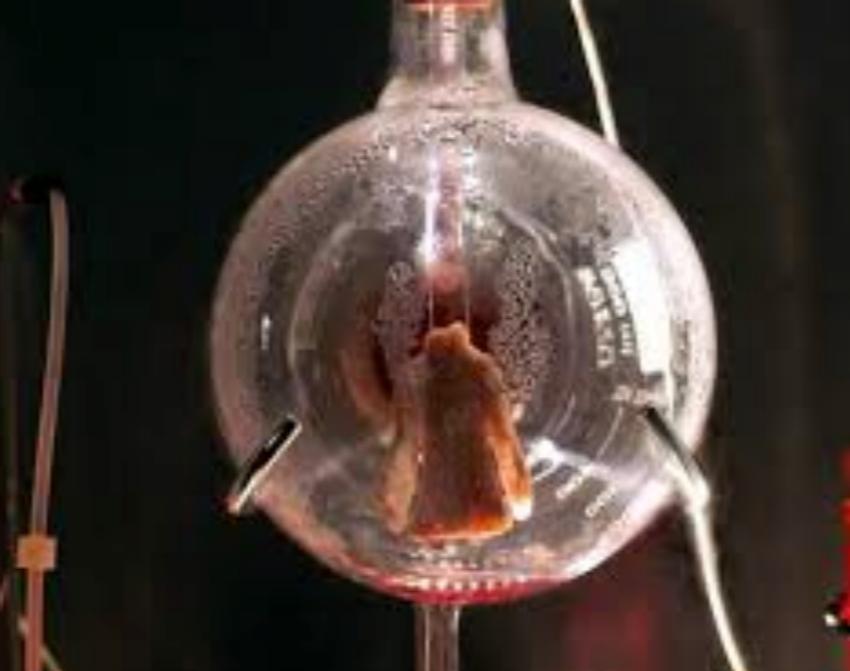
Protein Bioassay Room
Microbiology section
March 2007

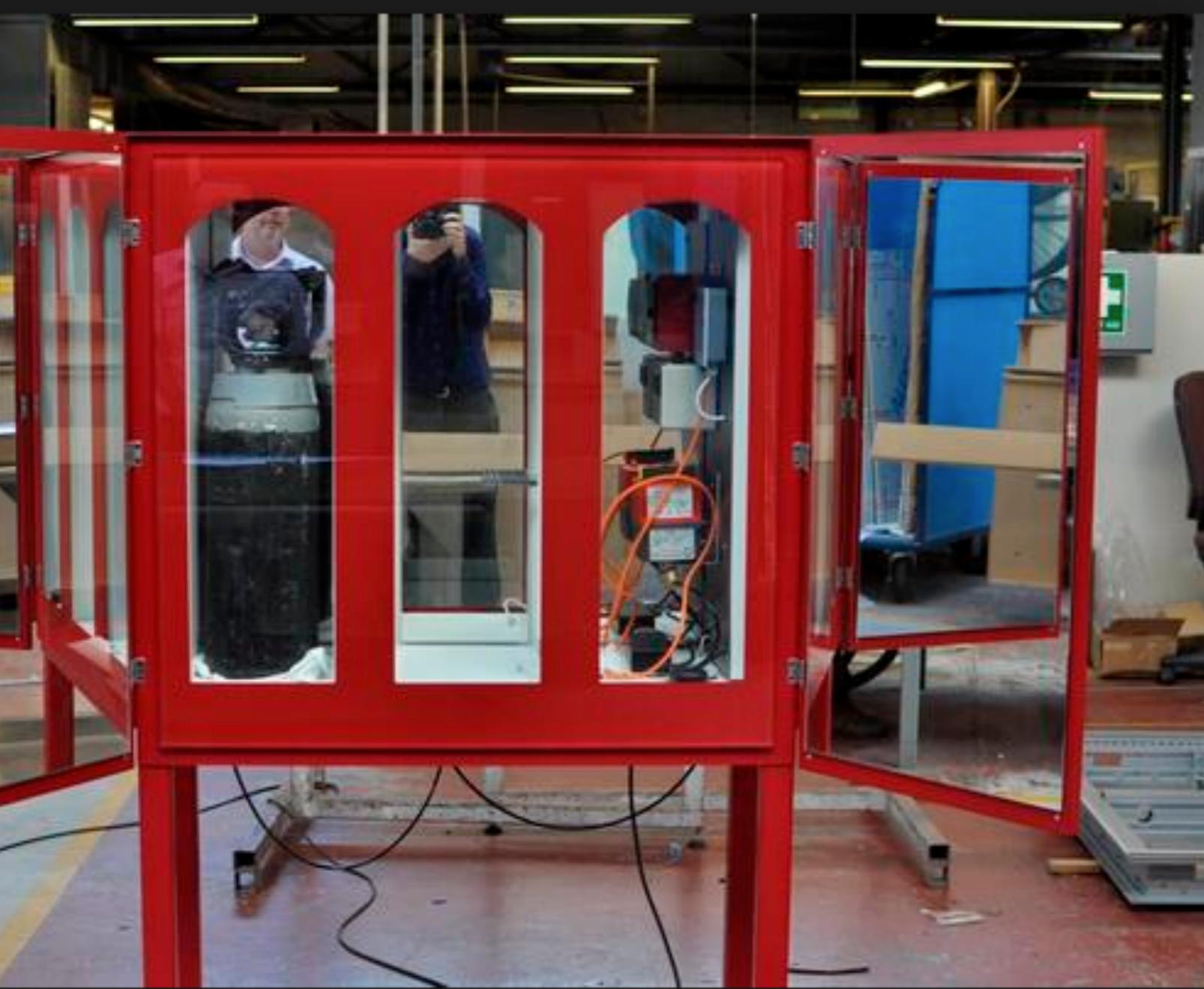
2164











Charlotte Jarvis on Twitter

Twitter - 599 × 398 - Search by image

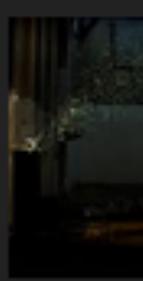
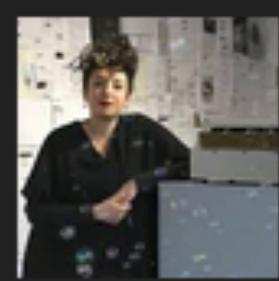
Charlotte Jarvis on Twitter: "Ergo Sum I
shipped! Maximum excitement @DA4G
<http://t.co/Q575EwQNCE>"

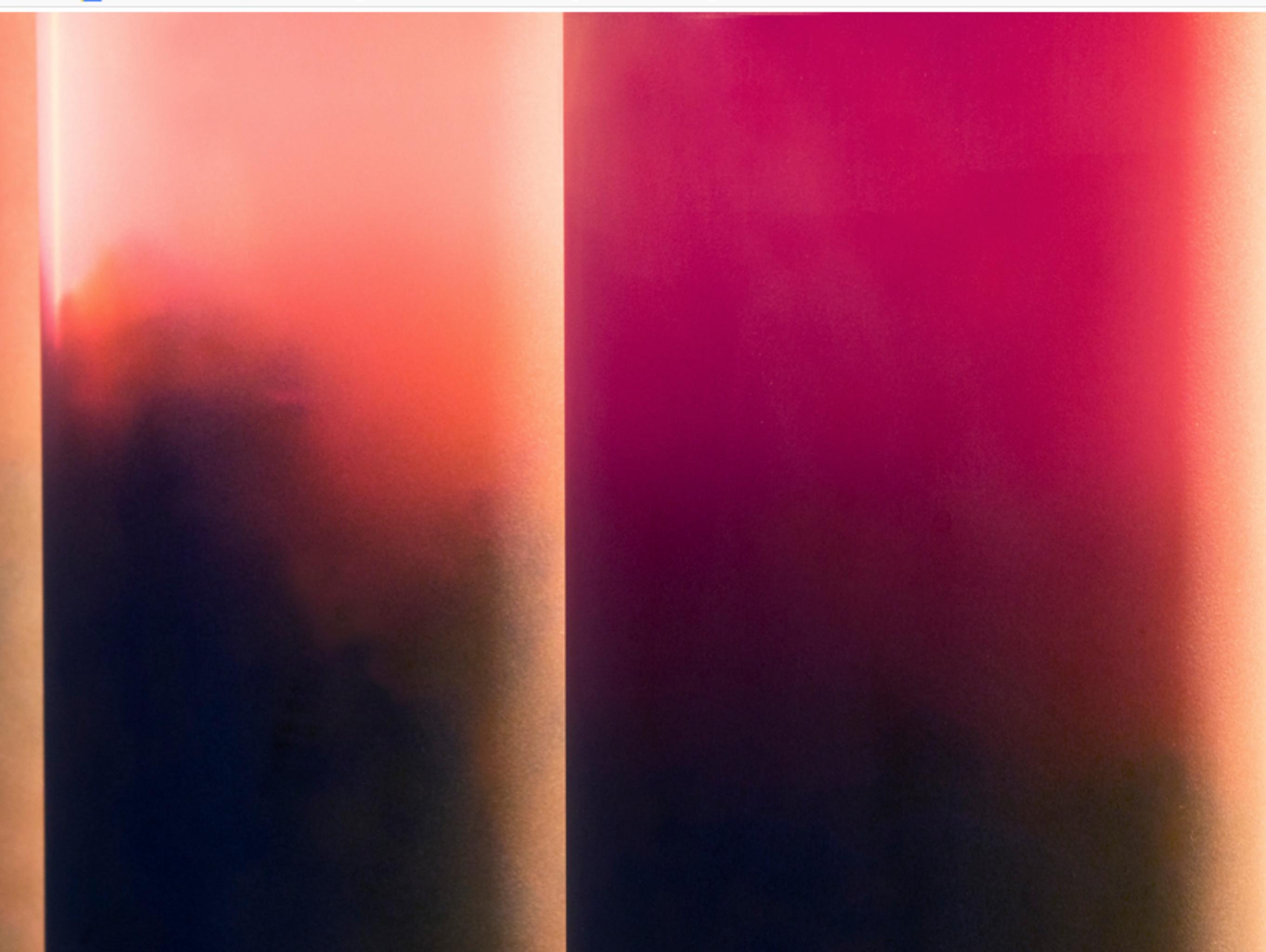
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Thank you

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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**

