MicroTAS Art in Science Award

"*To draw attention to the aesthetic value in scientific illustrations while still conveying scientific merit.*"

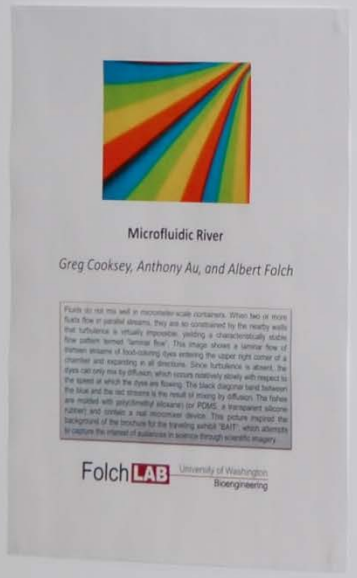
Award Committee:
Harp Minhas (RSC), Albert Folch (UW),
Darwin Reyes (NIST)

Why Art in Science?

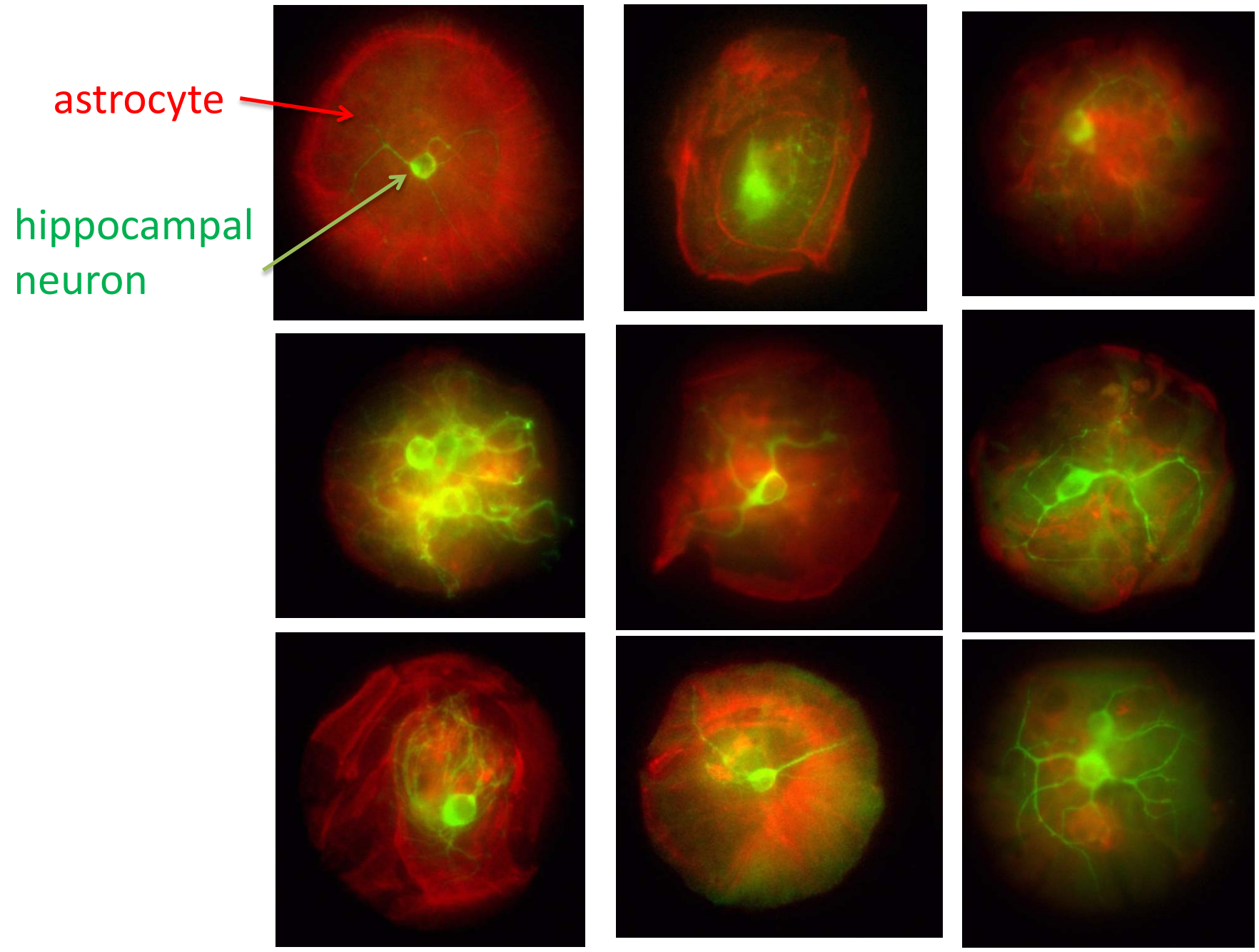
#1. Art Is Enjoyable

“Microfluidic River”
Greg Cooksey & Albert Folch

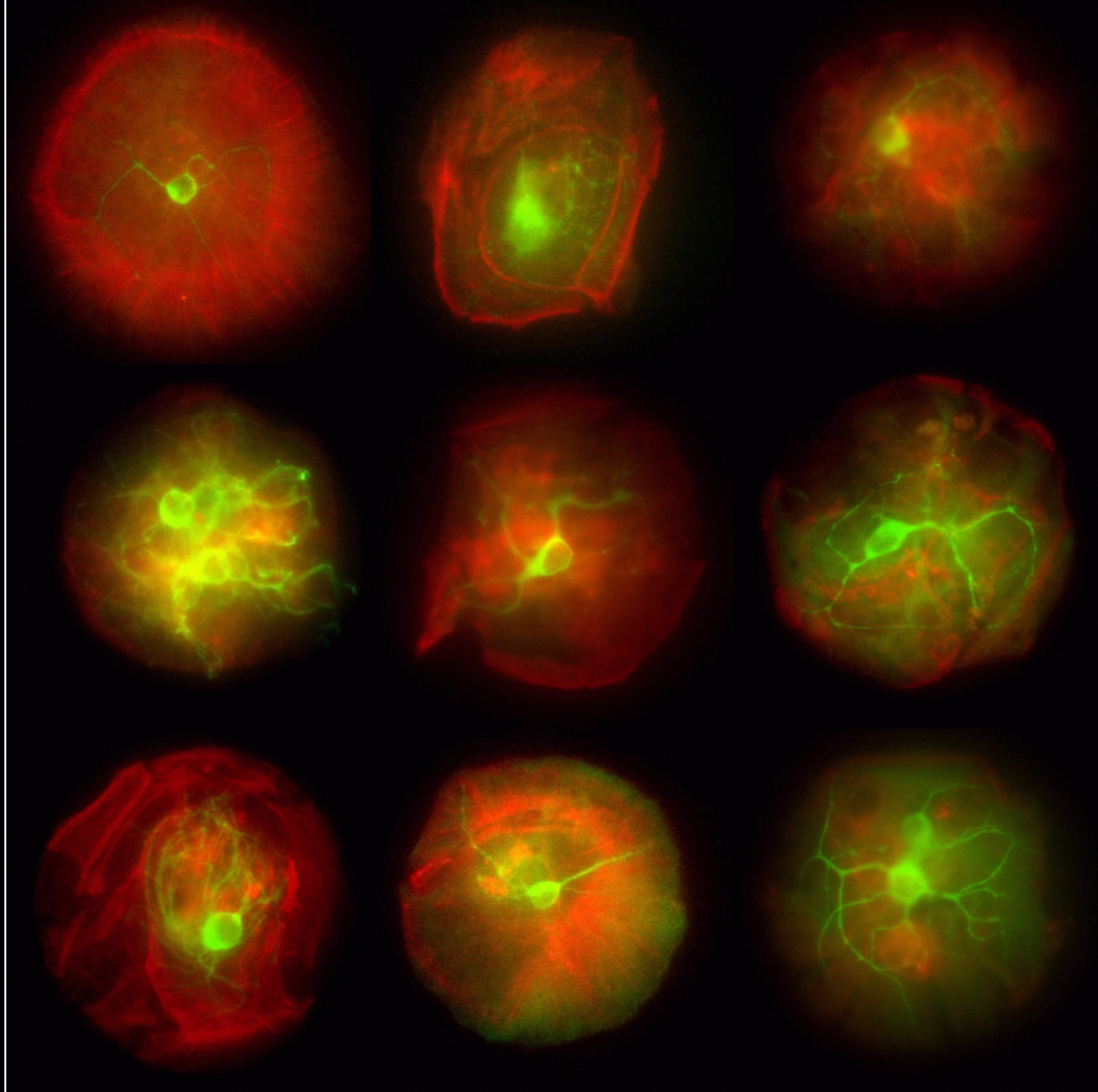
Bringing **Art** Into **Science** and **Technology** (BAIT)



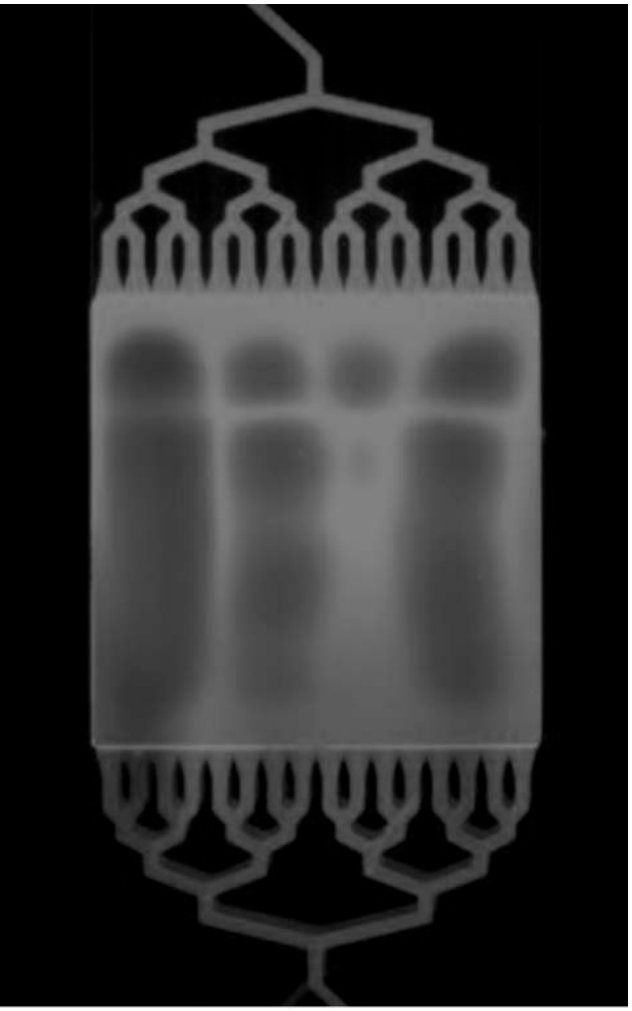
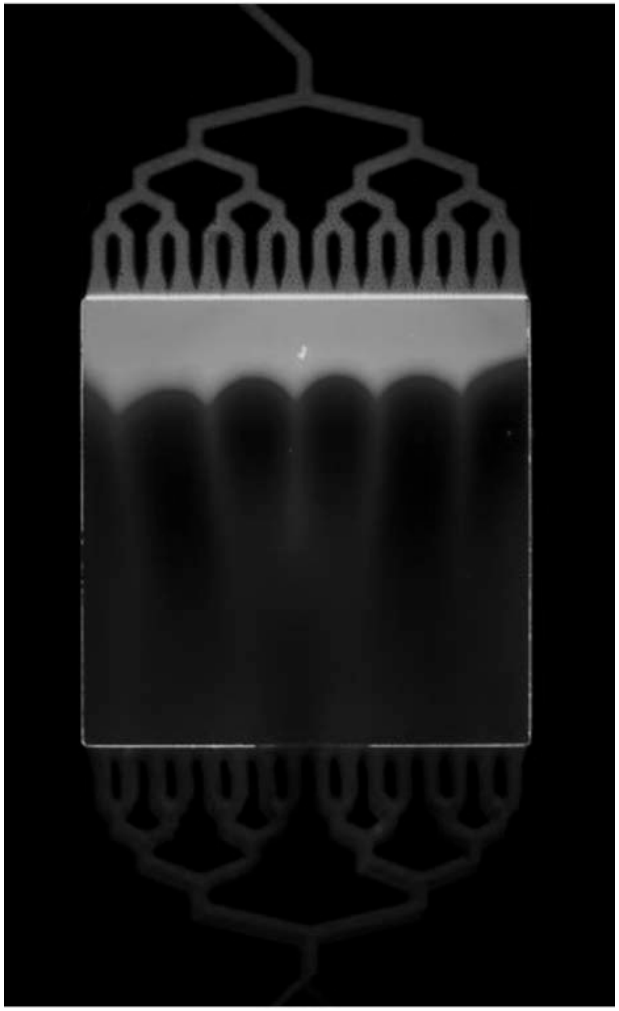
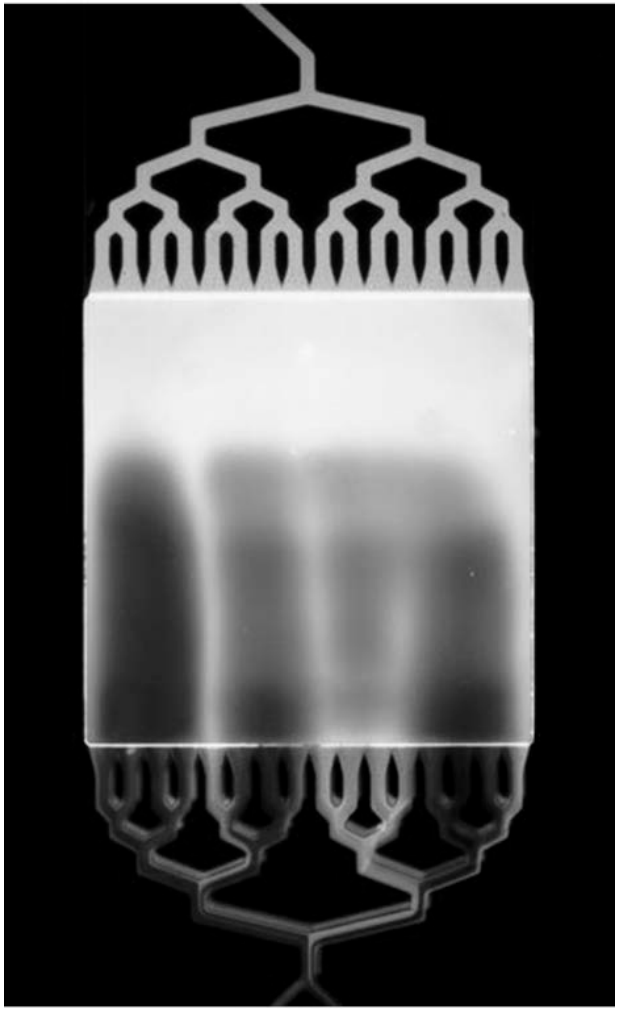
Collages and tiling



Neurons looking at you

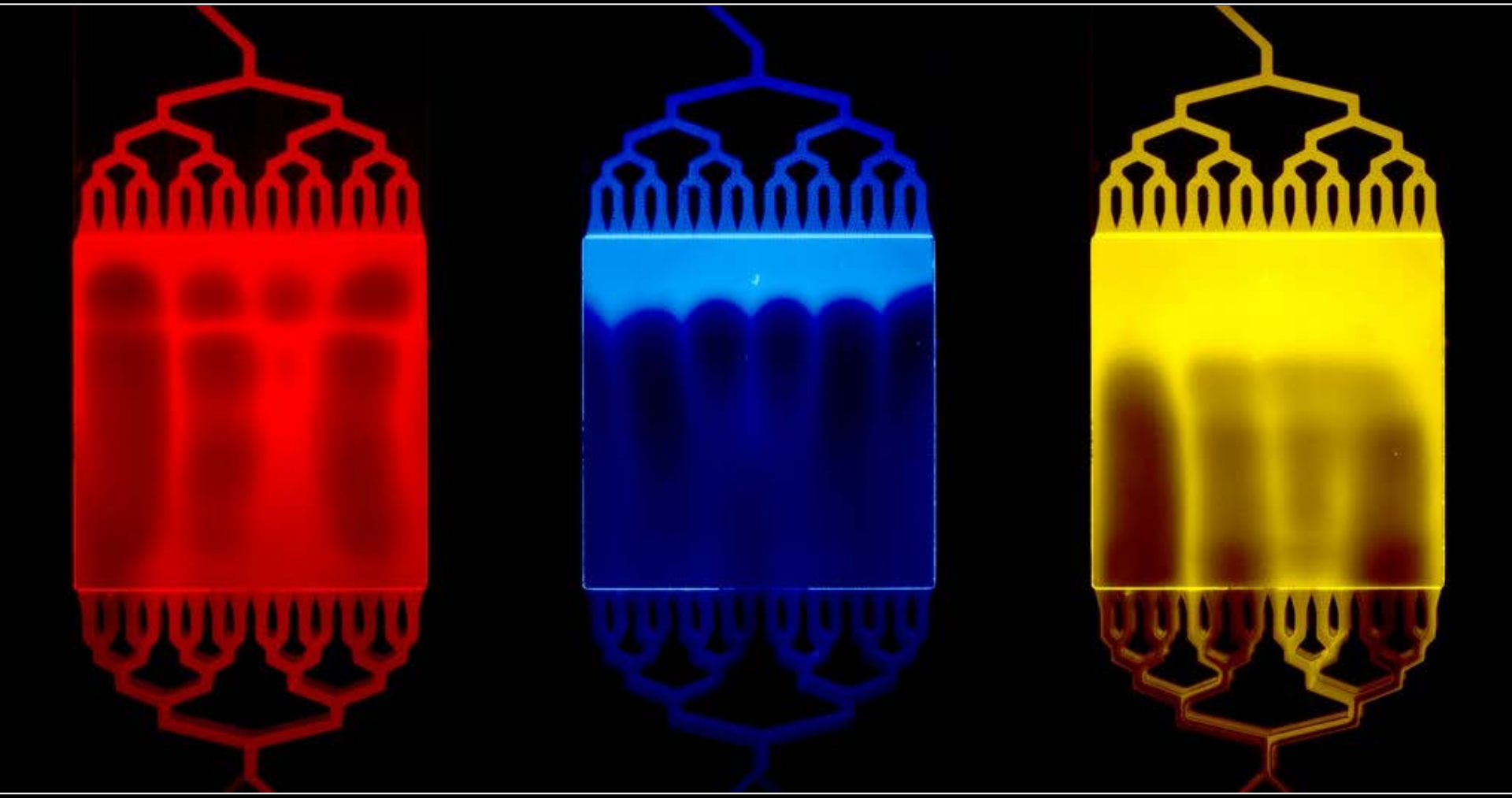


Xavier Figueroa
&
Albert Folch

Camera: 12-bit cooled-CCD → no color!

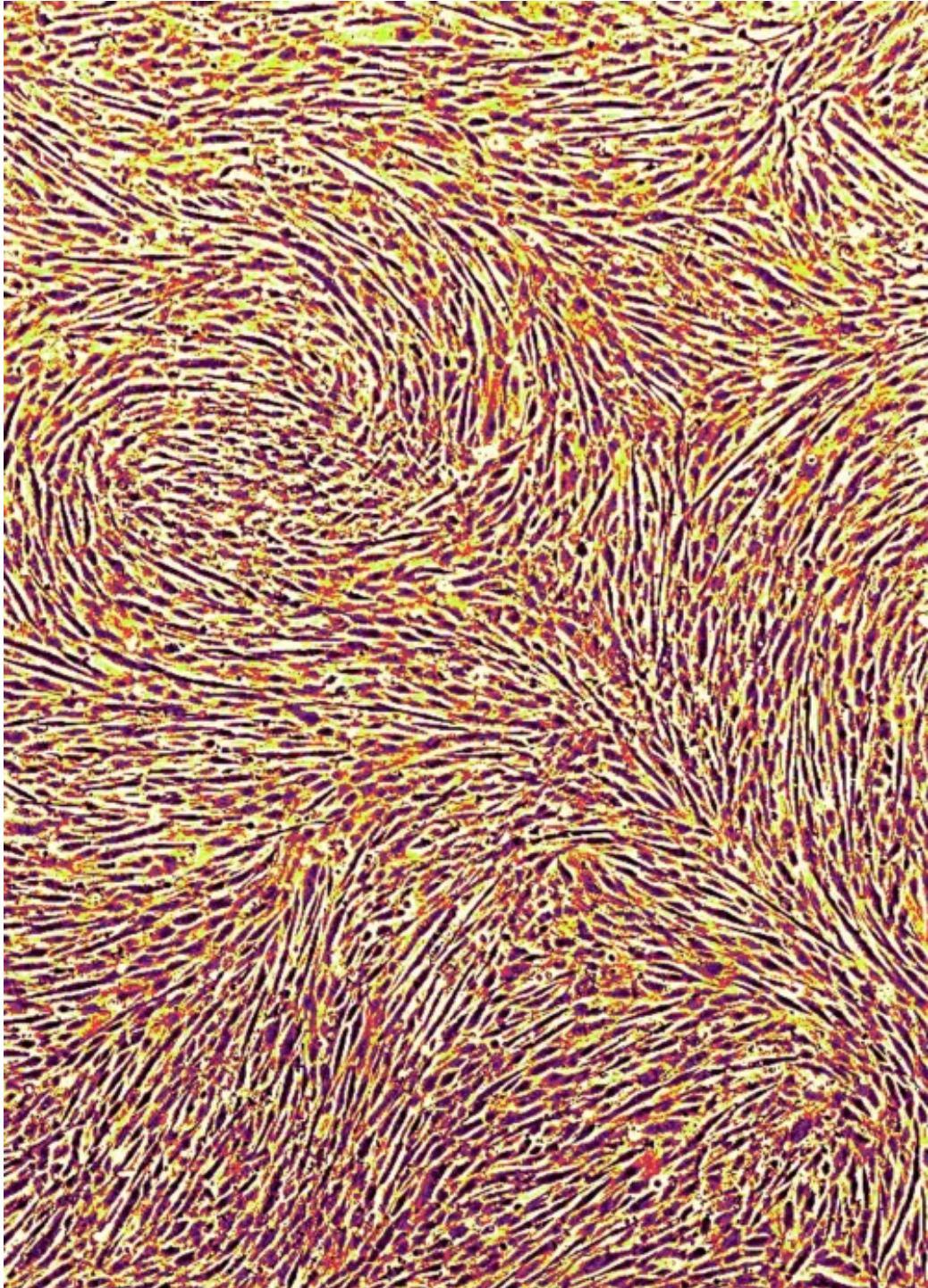
The colors of viscosity

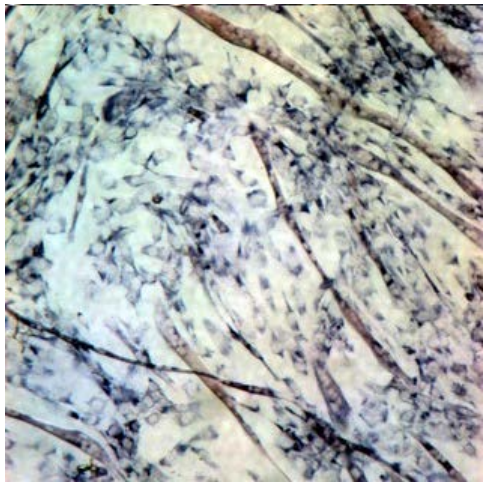
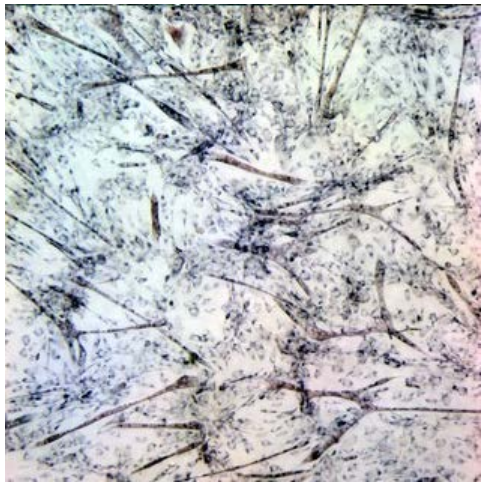
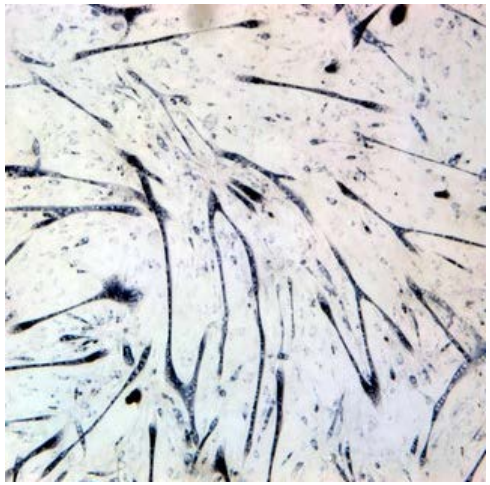


Chris Sip & Albert Folch

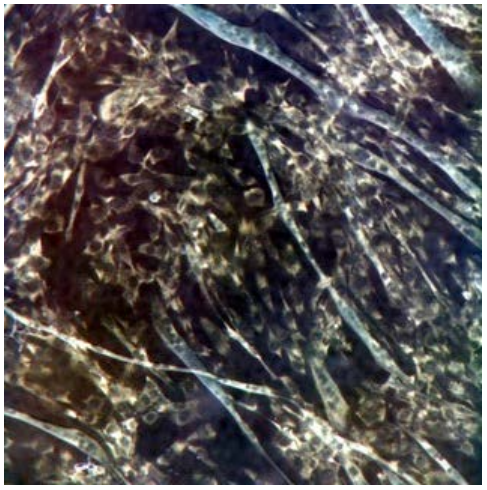
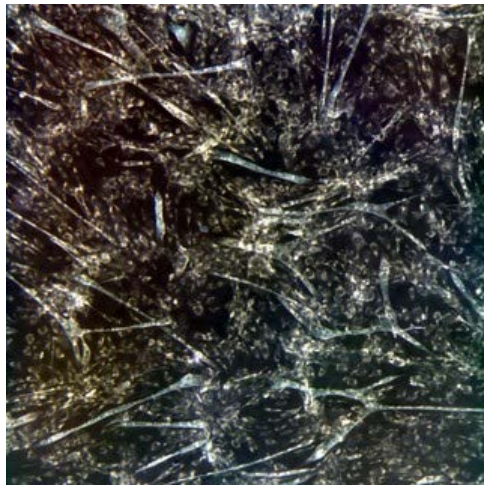
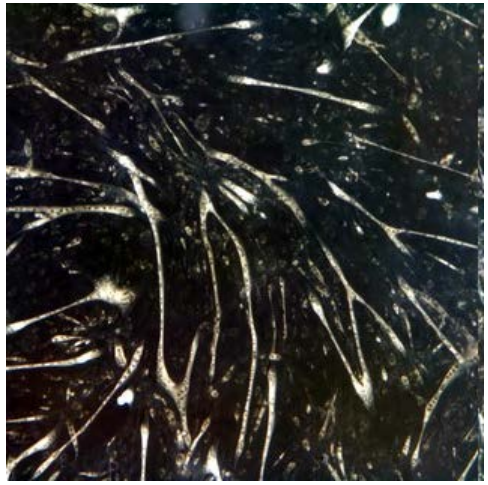
Van Gogh’s cells

Aileen Wu & Albert Folch



invert

The cells of Football
(homage to Josep Guardiola)

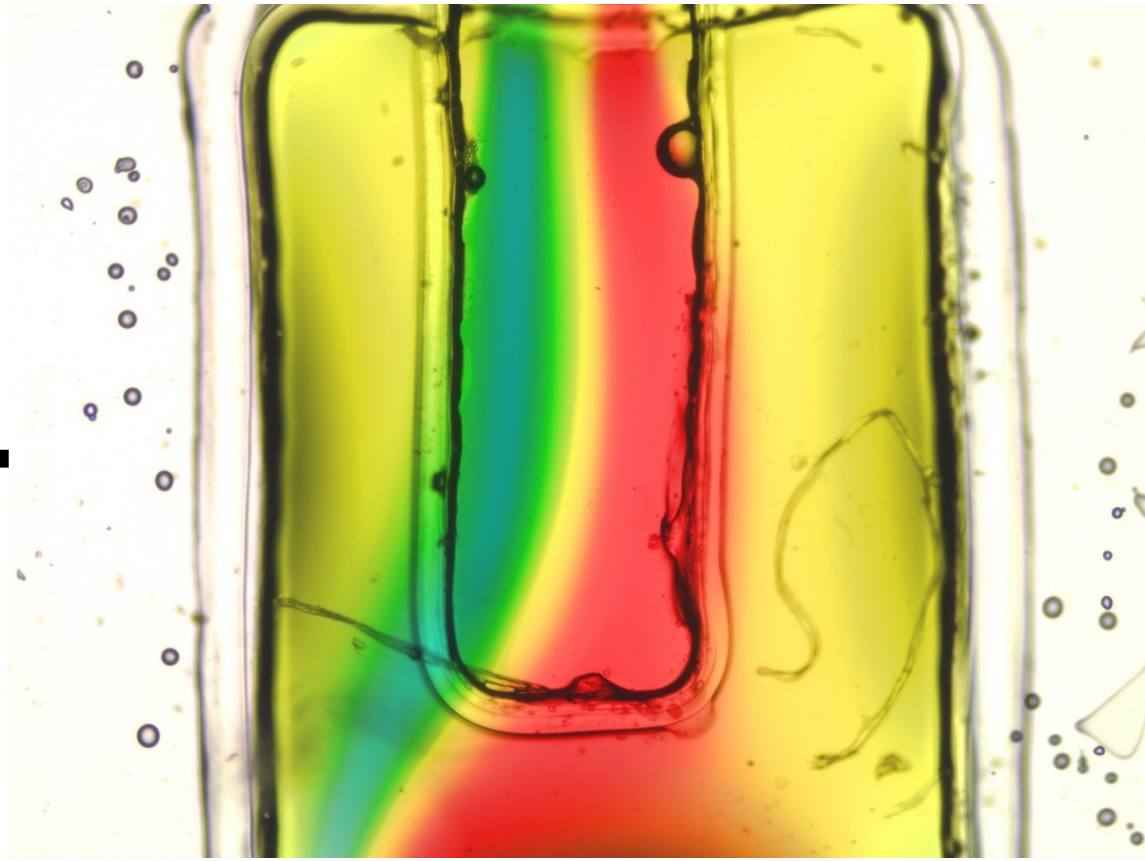
Aileen Wu & Albert Folch

Children celebrating the end of Viscosity

Chris Neils & Albert Folch

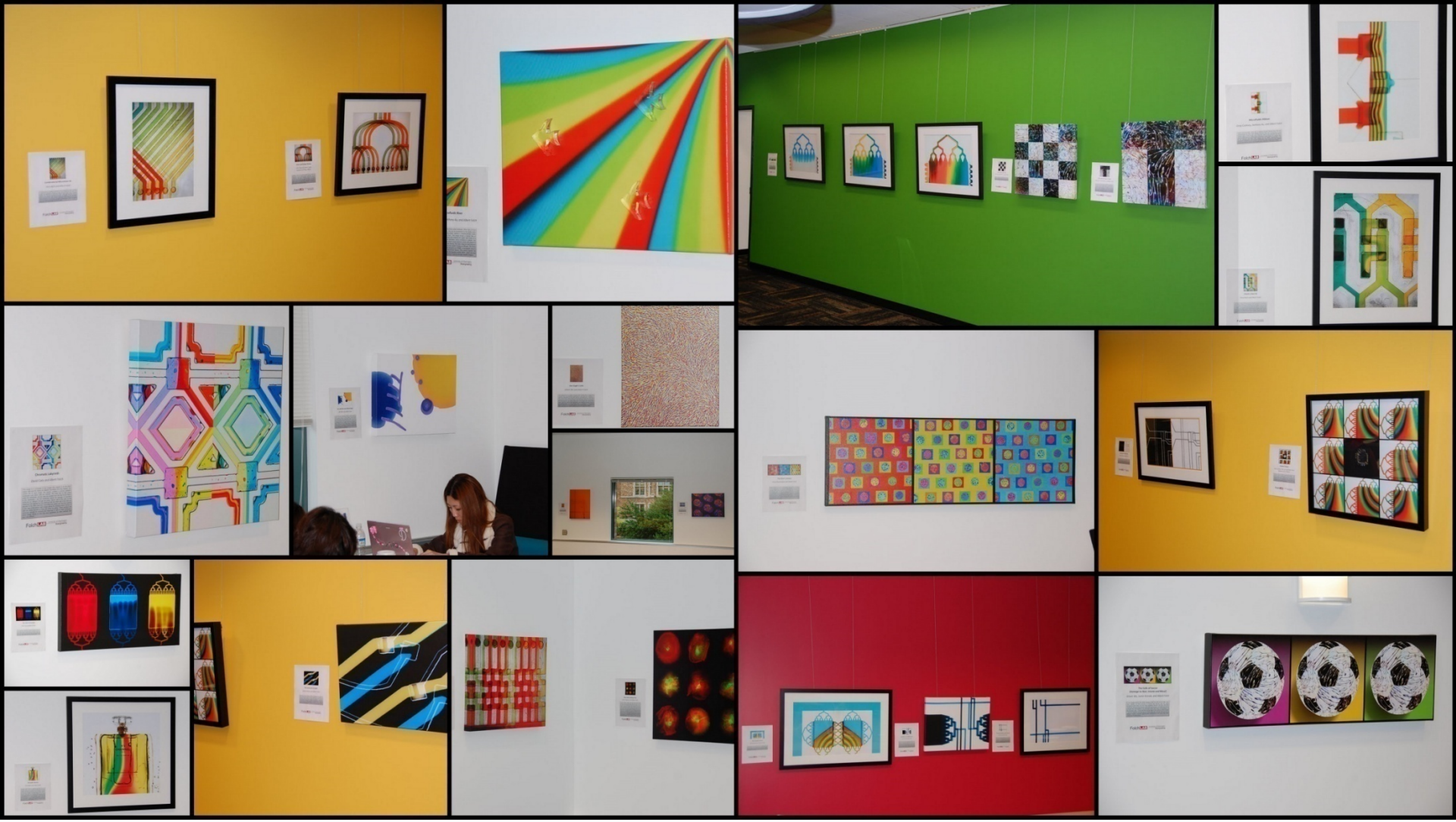
Image fusion

+



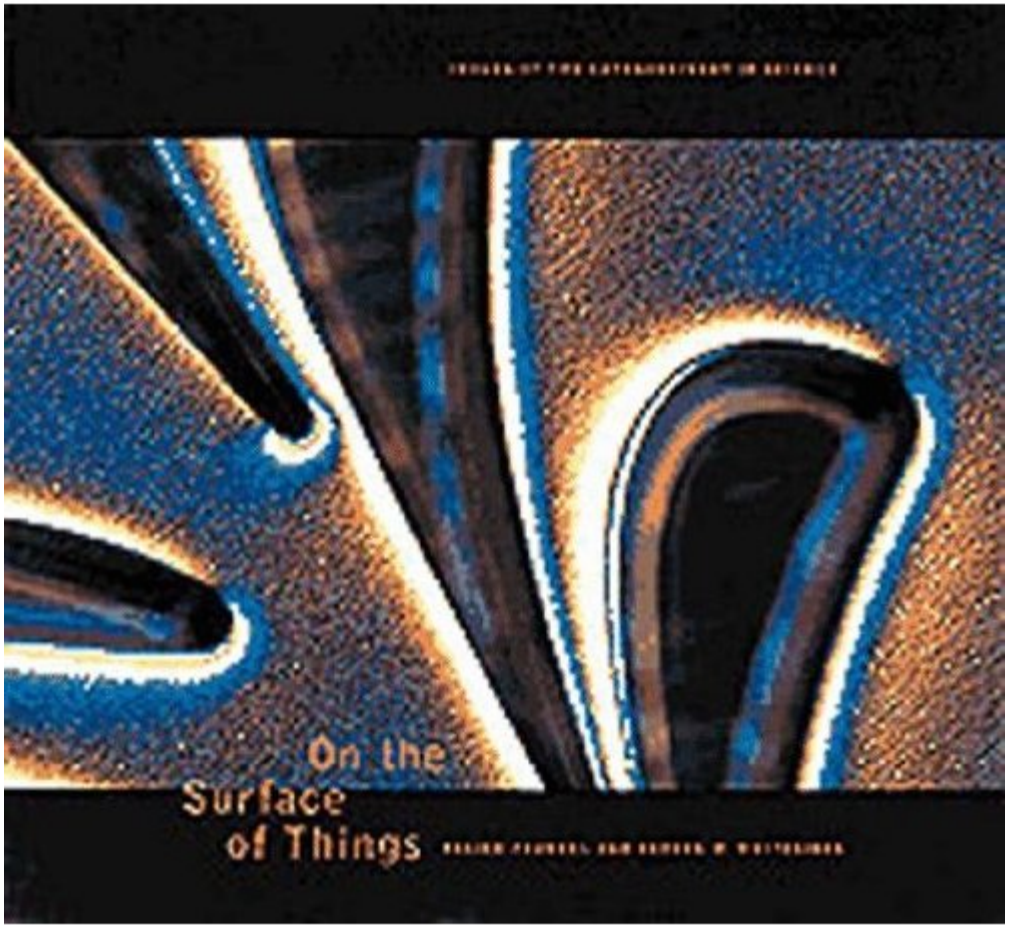
Aromatic Channel

Chris Neils
&
Albert Folch

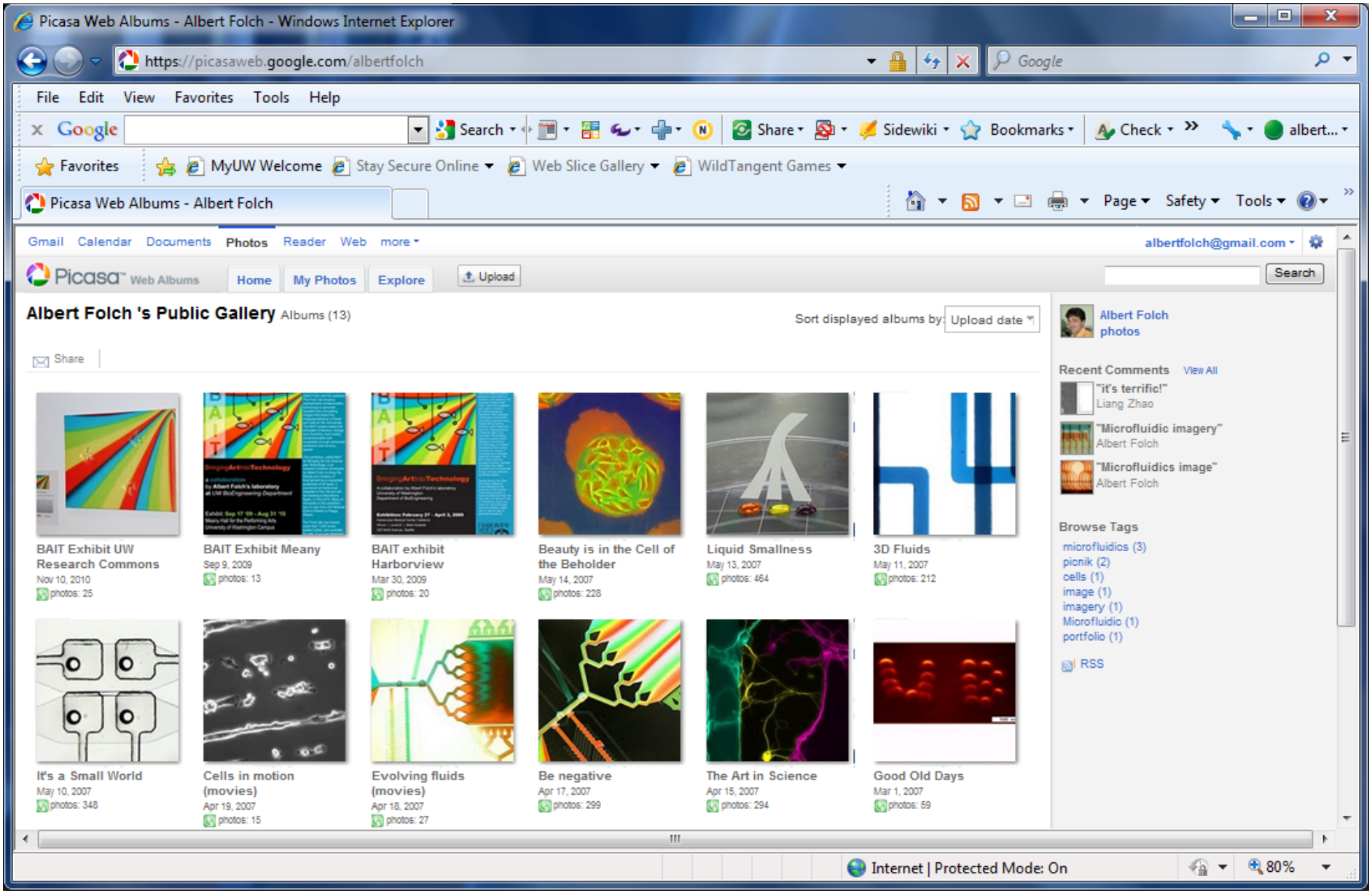


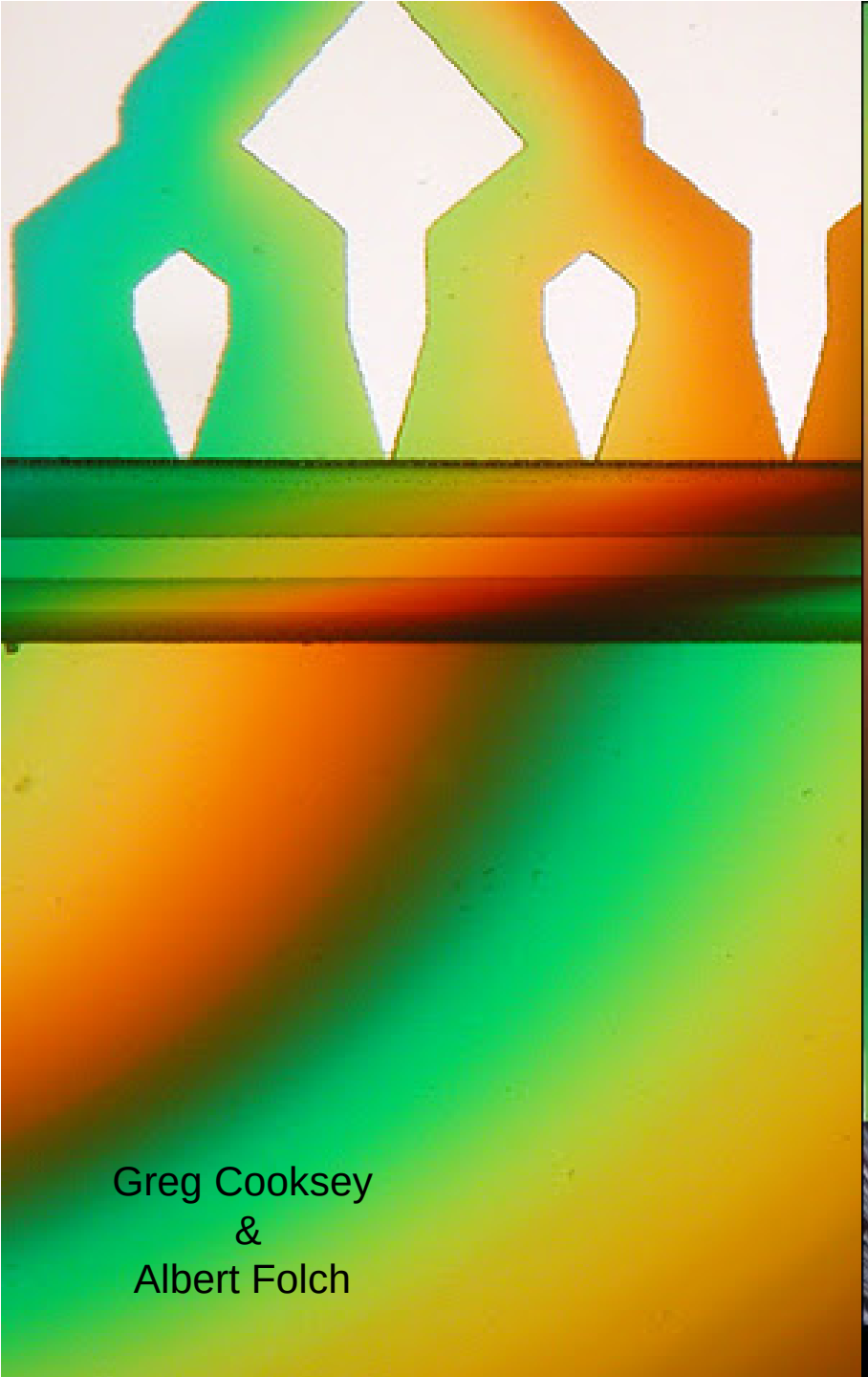
- 5 BAIT exhibits
- Online gallery marketplace (SeattleOnCanvas.com)
- YouTube channel with ~100,000 visits (!)

#2. Art Is Great For Advertisement



… it takes <1 hr to post your images on Picasa site!





Greg Cooksey
&
Albert Folch

Lorentz center

Micro- and nanofluidics for cell biology

Workshop January 18 – 22, 2010, Leiden, The Netherlands

Scientific Organizers
- S. Le Gac, Enschede
- J.C.T. Eijkel, Enschede
- A. van den Berg, Enschede
- M.E. Kuil, Leiden
- H.J. Tanke, Leiden

Invited Speakers
- Osman Basaran, Purdue
- Lydéric Bocquet, Lyon
- Françoise Brochard, Paris
- Joel deConinck, Mons-Hainaut
- William Ducker, Virginia Tech
- Jens Eggers, Bristol
- John Hinch, Cambridge
- Laurent Limat, Paris

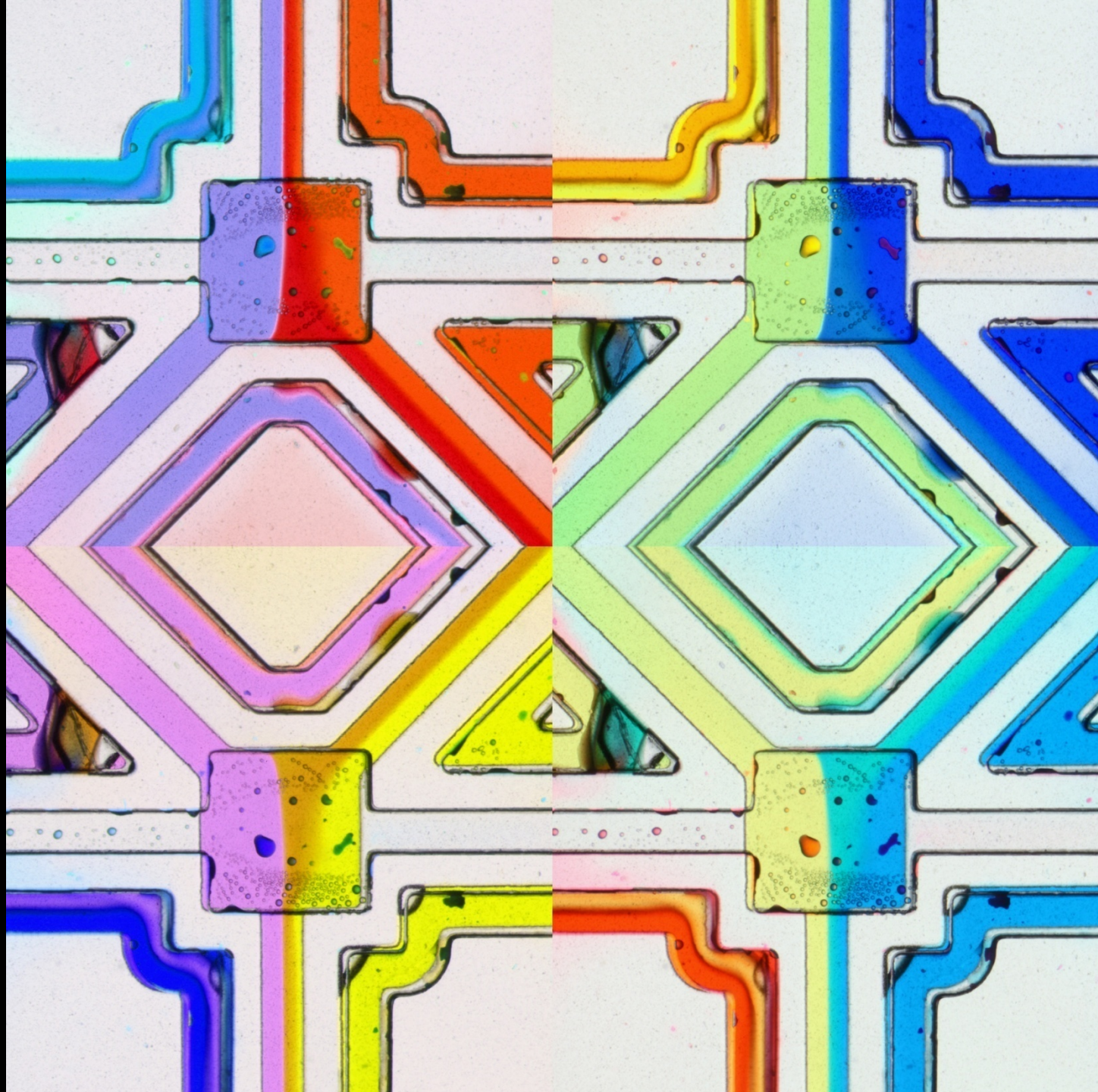
For registration see: www.

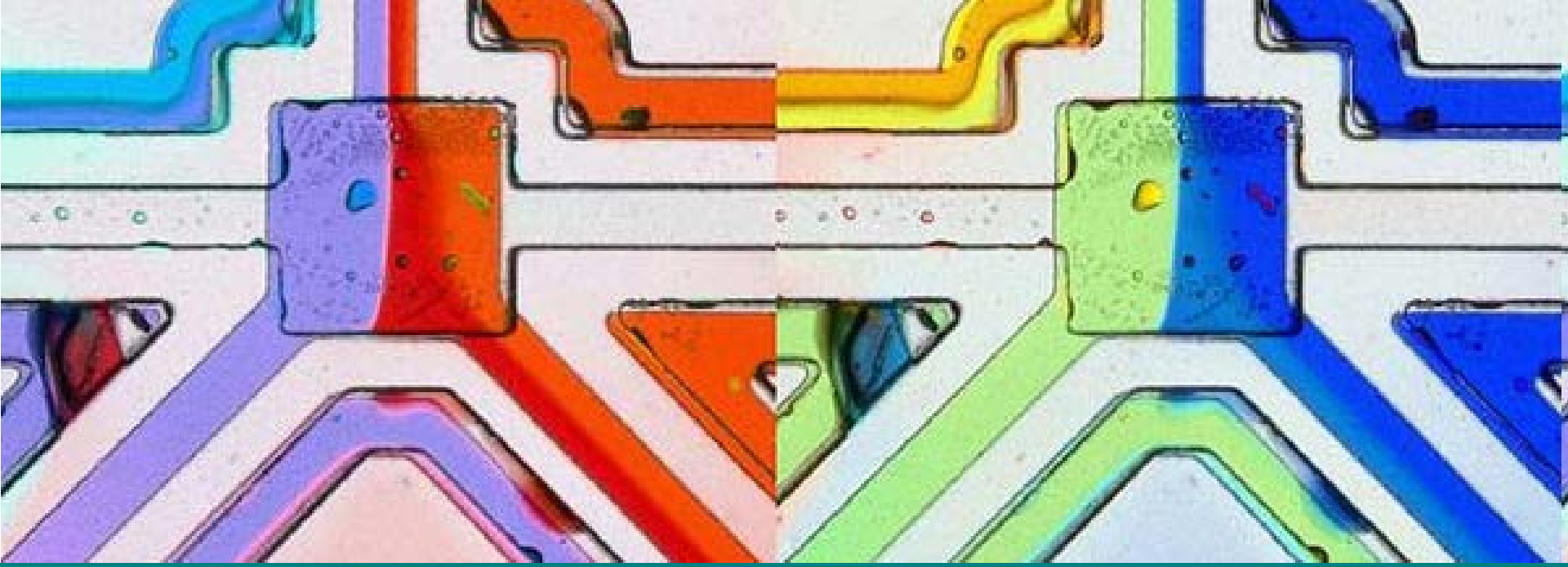
Lorentz center

www.lorentzcenter.nl

Chromatic labyrinth

David Cate
&
Albert Folch





EMBL Conference

Microfluidics 2012

Session Chairs

Norman Dovichi
Analytical Chemistry (Editor), USA

Jonathan Faiz
Angewandte Chemie (Assoc. Editor), Germany

Harp Minhas
Lab on a Chip (Editor), UK

Organisers

Steve Quake
Stanford University, USA

Christoph Merten
EMBL Heidelberg, Germany

25 – 27 July 2012

EMBL Advanced Training Centre
Heidelberg, Germany

REGISTRATION DEADLINE: 31 MAY 2012

www.embl.de/events

EMBL

Why *not* Art in Science?

Why did we *stop* doing Art?

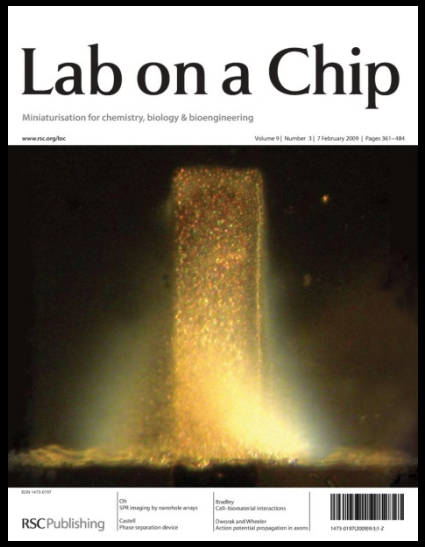
MicroTAS Art in Science Award

Sponsored by NIST and Lab On A Chip

$2,500 prize

Will be featured on the cover of LOC

Previous Award Winners



2008
Yu-Wen Huang

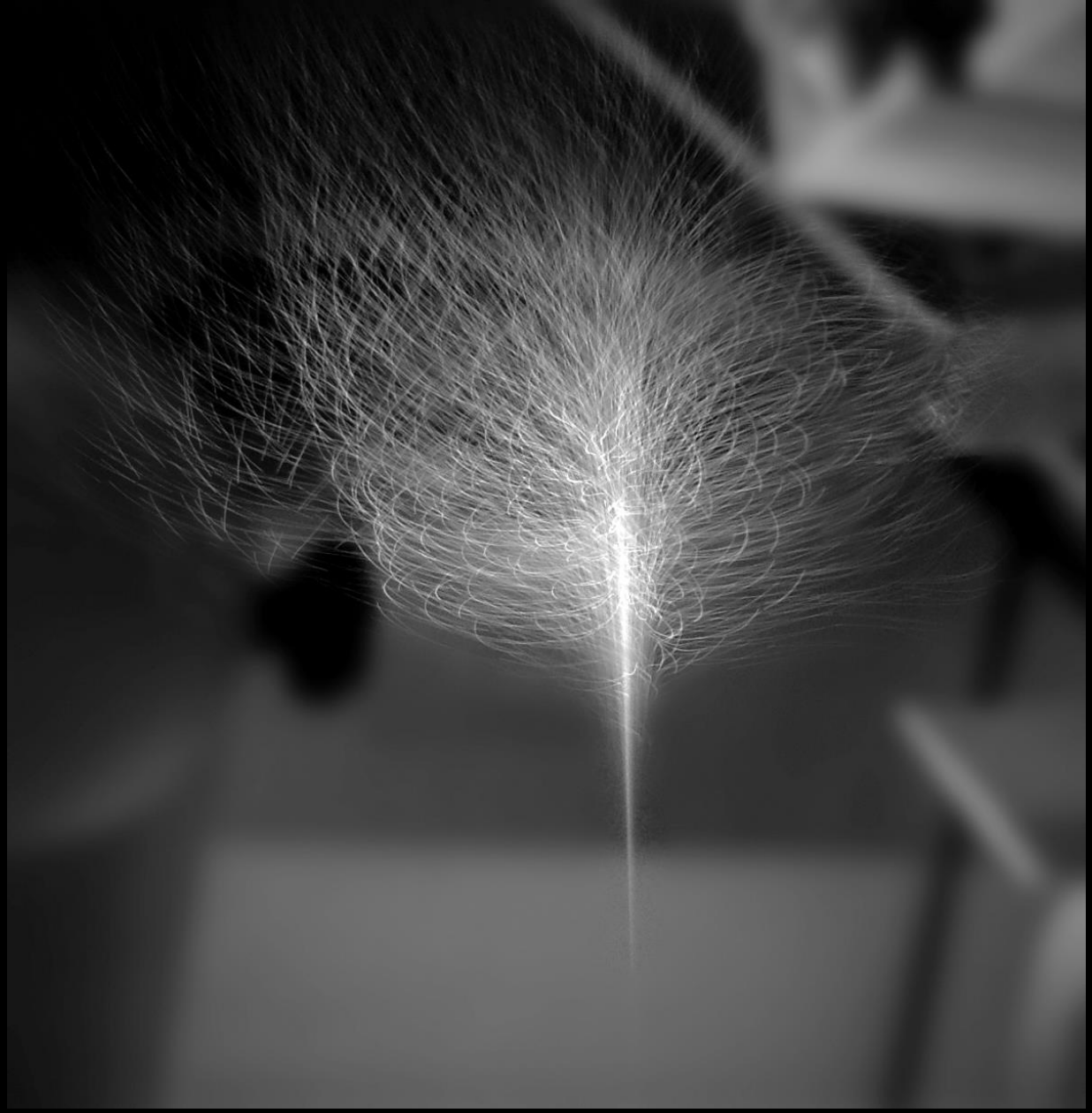
2009
Jungkwun Kim

2010
Nicholas Gunn

2011
Dong Jin Shin

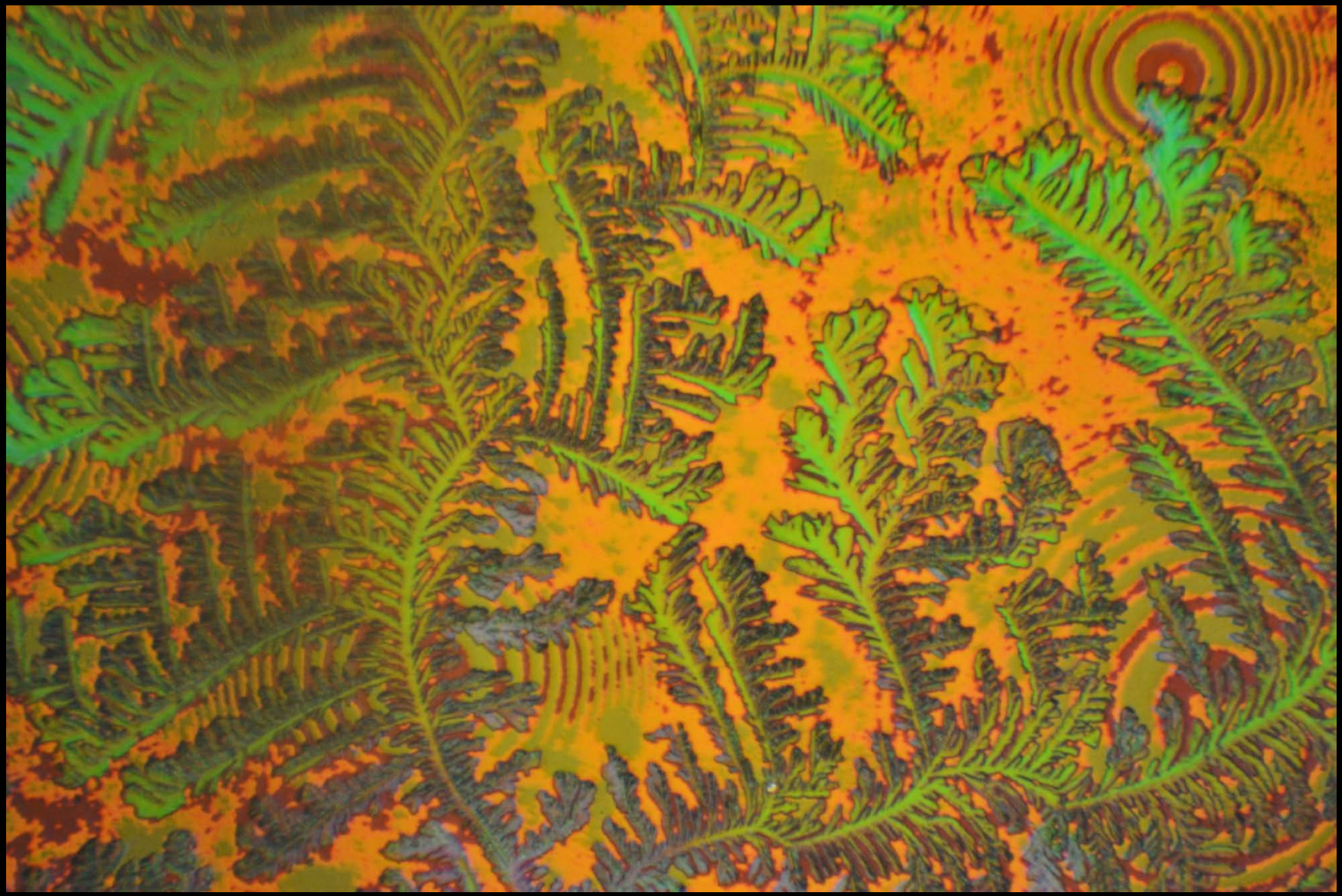
2012 Yi Zhang

Top Contenders



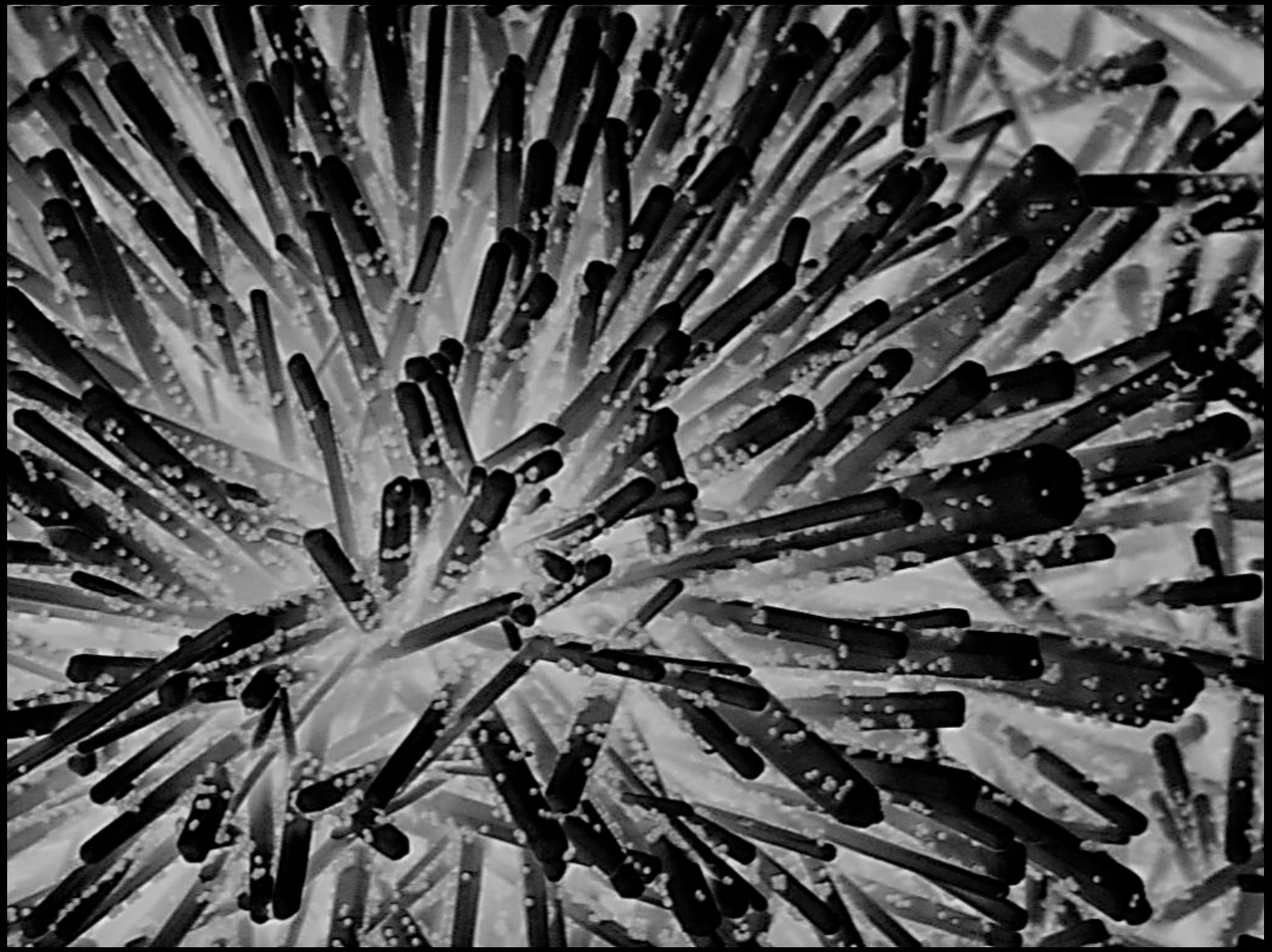
#5 - “Droplets Fireworks”

Jan Eijkel, MESA+ Institution for Nanotechnology

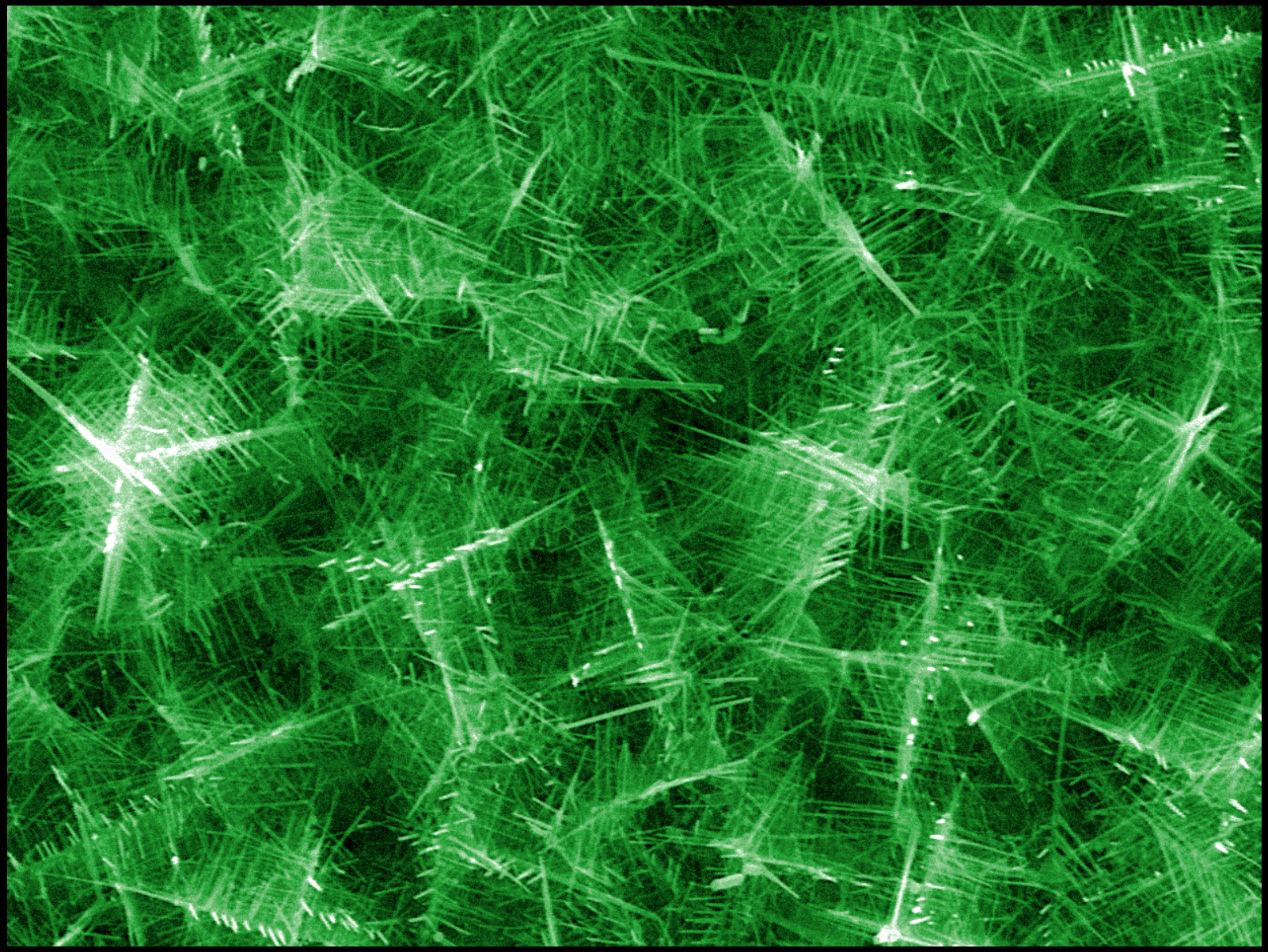


#4 - “Van Gogh’s Wall Paper”

Ye Wang, Eindhoven University of Technology



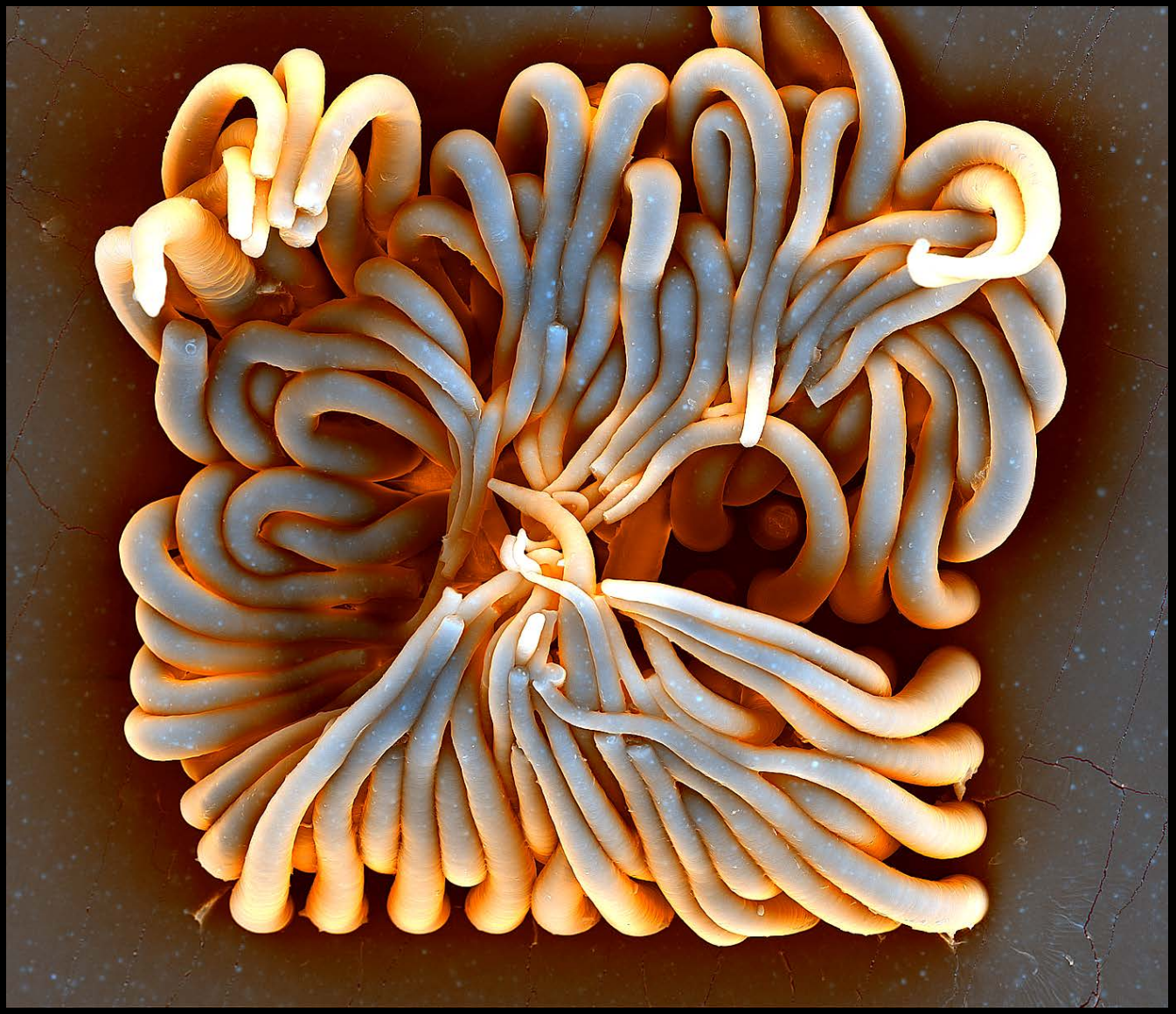
#3 - “Trapping Trapping”
Satoru Ito, Nagoya University



#2 - “Nanoforest”

Sakon Rahong, Osaka University

The Winner



“Artificial Life”

Ye Wang, Eindhoven University of Technology