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# REFLECTIONS ON SCIENCE AND ART

hYbrid: /Reflections on Science and Art/ is focusing on different ethical perspectives of Science and Art collaborations, particularly in relation to the Life Sciences.

31<sup>st</sup> of May  
Museu Nacional de Soares dos Reis (MNSR),  
Rua D. Manuel II, Porto  
Porto-Portugal

Moments of reflection:

Hybrids will present some projects that deal with different subjects, a portrait of life, and human, animal and cellular interactions.

Reflections will be centred on laboratory experiences.

Boundaries, will focus on the impact of art and science interactions in society.

## PROGRAMME

**9.30 Opening Session:** Maria João Vasconcelos (MNSR)

**9.40 1<sup>st</sup> moment - Hybrids:**

Chair: Juan Luis Moraza (Madrid, ES)

Chair: Marta de Menezes (Lisboa, PT)

**10.00** Mário Montenegro (Coimbra, PT)

**10.30** Beatrice Allegranti (London, UK)

**11.00 Informal discussions | Installations | Coffee-break**

**12.00** Kira O'Reilly (London, UK)

**12.30** Jennifer Willet (Montreal, CA)

**13.00 Lunch break**

**14.30 2<sup>nd</sup> moment - Reflections:**

Chair: Alexandre Quintanilha (Porto, PT)

**Participants:**

Siân Ede (London, UK)

Riccardo Manzotti (Milan, IT)

Jill Scott (Zurich, CH)

Ionat Zurr (Perth, AUS)

Robert Zwijnenberg (Leiden, NL)

**16.00 Informal discussions | Installations | Coffee-break**

**17.00 3<sup>rd</sup> moment - Boundaries:**

Chair: Marta de Menezes (Lisboa, PT)

**Participants:**

George Gessert (Oregon, USA)

Jens Hauser (Paris, FR)

Louis-Marie Houdebine (Paris, FR)

**18.30 Closing Remarks:** Ana Noronha (Lisboa, PT)

Jorge Barreto Xavier (Lisboa, PT)

# HYBRID EXHIBITION

hYbrid: Reflections on Science and Art Exhibition  
29<sup>th</sup> of May – 4<sup>th</sup> of June  
At Museu Nacional de Soares dos Reis, Rua D. Manuel II

Porto – Portugal  
Opening: 30<sup>th</sup> of May at 6.30pm  
Curator: Marta de Menezes (Ectopia)  
Production: IBMC.INEB

Featured Artists:  
Beatrice Allegranti  
Oron Catts / Ionat Zurr  
George Gessert  
Maria Lopes  
Marta de Menezes  
Mário Montenegro (photography by Francisca Moreira)  
Kira O'Reilly  
Kathleen Rogers  
Soraya Vasconcelos  
Jennifer Willet (Montreal, CA)

## Biographies:

**Beatrice Allegranti** (London, UK) is a Senior Registered Dance Movement Psychotherapist, Artistic Director of the Personal Text Public Body Lab and Co-ordinator for the MA in Dance Movement Therapy at Roehampton University, London. Her interdisciplinary experience over the past fifteen years includes: performance and choreography for dance, theatre and film, training actors, dancers and therapists and clinical practice in adult psychiatry within the UK National Health System.  
[http://www.letsengage.co.uk/templates/page\\_03.php?cfp=page:BEA\\_0003](http://www.letsengage.co.uk/templates/page_03.php?cfp=page:BEA_0003)

**Oron Catts** (Perth, AU) is an artist/researcher who uses living tissue from complex organisms as his medium. He has exhibited and published internationally and founded the Tissue Culture and Art Project in 1996 and was Co-founder and is Artistic Director of Symbiotica: The Art & Science Collaborative Research Laboratory at The School of Anatomy & Human Biology, University of Western Australia.  
<http://www.symbiotica.uwa.edu.au/>

**Siân Ede** (London, UK) is Arts Director for the UK Branch of the Gulbenkian Foundation where she led the first arts funded Arts and Science programme to encourage artists and arts organisations from across the art forms to engage with new thinking and practice in science and technology. She also works with science institutions to develop arts programmes. She regularly runs salons for artists and scientists and has commissioned and edited diary and poetry anthologies addressing art and science. She frequently advises, writes, speaks and chairs debates on Art and Science in Britain and internationally.

**George Gessert** (Oregon, USA) was born in 1944 in Milwaukee, Wisconsin. He received a BA in English from the University of California, Berkeley, and an MA in painting and serigraphy from the University of Wisconsin-Madison. Since 1985 his work has focused on the overlap of art and genetics. He has participated in many exhibitions and his writings have appeared in numerous publications. Gessert has served as editor for art and biology for Leonardo since 1996.  
[http://www.viewingspace.com/genetics\\_culture/pages\\_genetics\\_culture/gc\\_w02/gc\\_w02\\_gessert.htm](http://www.viewingspace.com/genetics_culture/pages_genetics_culture/gc_w02/gc_w02_gessert.htm)

**Jens Hauser** (DR / FR) is a Paris based art curator, writer, cultural journalist and video maker focusing on the interactions between art and technology, and on transgene and contextual aesthetics. He is currently a lecturer at the Institute of Media Studies at Ruhr University Bochum/Germany, and has been a guest lecturer internationally in several institutions. Hauser is also a director of creative radio pieces, sound environments and documentary films, which have been shown in festivals and as video installations in museums worldwide. In 1992, he has been a founding collaborator of the European culture television channel ARTE and regularly contributes to its programs.

**Louis-Marie Houdebine** (Paris, FR) has studied mechanisms of animal and particularly milk protein gene expression for forty years in the French National Institute of Research in Agronomy (INRA). He is expert in several national biosafety committees for several years. He has also been expert for particular evaluation I WHO, FAO, EFSA, Codex Alimentarius and OECD. He has been participating for six years to a European Bioethics Course. He also participates in biotechnology teaching at universities and high schools in France. He also participates in public debates on GMOs and cloning especially in France.

[http://www.biotethics.org/about/profiles/Louis-Marie\\_Houdebine.html](http://www.biotethics.org/about/profiles/Louis-Marie_Houdebine.html)

**Maria Manuela Lopes** (PT / UK) is a visual artist and researcher based in Portugal and the UK. Her current practice is transdisciplinary and based on issues of memory and consciousness informed by life sciences and medical research and presented in the form of time based installations. She has been working and showing nationally and internationally and also teaching fine arts at ESAD CR in Portugal since 2000. She has studied fine arts at the FBAUP in Porto, Portugal and did an MA at Goldsmiths College in London. She is presently doing a practice based research degree at UCCA Farnham, UK.

<http://www.dgartes.pt/arteciencia/Manuela%20Lopes.htm>

**Riccardo Manzotti** (Milan, IT) is currently Assistant Professor of Psychology at the IULM University in Milan. He teaches Psychology of Art and Psychology of Media. His main interest is the conscious mind and the relation between the subject and the object from Psychology to Aesthetic Experience. He published several books and papers on the issue of conscious experience. Recently he is focusing his research on the phenomenal aspects of artistic experience and their connection with the seminal field of neuroaesthetics.

<http://www.consciousness.it/Manzotti/Index.htm>

<http://www.consciousness.it/Psychology%20of%20Art/PsArtIndex.htm>

**Marta de Menezes** (Lisbon, PT) is a Portuguese artist, born in Lisbon in 1975, with a degree in Fine Arts (University of Lisbon) and a MSt in History of Art and Visual Culture (University of Oxford). In recent years, she has been exploring the interaction between Art and Biology, working in research laboratories demonstrating that new biological Technologies can be used as new art medium, and proving that laboratories can be art studios. Besides researching into new ways to create art, Marta de Menezes is also an accomplished artist using traditional media, with paintings frequently representing insights from scientific research.

<http://www.martademenezes.com>

**Mário Montenegro** (Coimbra, PT) funded the theatre company MARIONET in 2000, in Coimbra. Mário is its artistic Director, artist, screenwriter, scenic designer, and producer. Since 2001 he has been interested in performing arts and science cross-sections therefore he has written and produced with MARIONET several science in theatre pieces, *Revolução dos Corpos Celestes* (2001), *O Nariz* (2003), *Os Lusíadas no Zoológico* (2005), *LED – viagem ao interior de um computador* (2006) and *Bengala dos Cegos – o descobrimento de Pedro Nunes* (2006). In 2007 he has obtained an MA on Science in Theatre.

<http://marioneteatro.com/>

<http://led-marionet.blogspot.com/>

**Juan Luis Moraza** (Madrid, ES) was a founding member of CVA (1979-1985) and has participated in many exhibitions since 1980. He has commissioned several exhibitions such as *Incógnitas. Cartografías del Arte contemporáneo en el País Vasco* (Museo Guggenheim-Bilbao, 2007), *Tejidos -óseos, arquitectónicos, pictóricos-* (La Casa Encendida, Madrid 2006; Museo de Turol, 2005), etc. He holds a PhD in Fine Arts at Universidad del País Vasco where he was a lecturer for seven years. He currently is Professor of the Departamento de Escultura at Universidad de Vigo.

**Kira O'Reilly** (London, UK) is a UK based artist and she has been making for ten years now. Her practice whilst wilfully interdisciplinary and entirely undisciplined stems from a fine art background; it employs performance, biotechnical practices and writing with which to consider the body as material and site.

Her work has been exhibited widely throughout the UK and Europe, Australia and China and featured in the recently published in *Sk-interfaces: Exploding Borders – Creating Membranes in Art, Technology and Society*, Edited by Jens Hauser, Liverpool University Press, 2008.

<http://www.kiraoreilly.com/blog>

**Alexandre Quintanilha** (Porto, PT) read theoretical physics at Witwatersrand

University (Johannesburg). He moved to biology at Berkeley where he became director of an Environmental Centre until 1990. He then moved to the University of Porto, Portugal to become director of the Institute for Molecular and Cell Biology and the Institute for Biomedical Engineering as well as professor at the Biomedical Sciences Institute (ICBAS). In 1994 he was elected member of the European Academy. He is currently on the Council for Research and Exploration of the National Geographic Society and chair of the Advisory Group for "93Marie Curie"94 instruments at European Commission. He is also a member of the Advisory Council of FLAD.

<http://www.ibmc.up.pt> | <http://www.ineb.up.pt>

**Kathleen Rogers** (London, UK) is an artist, researcher and lecturer. Her work explores the boundaries between art, science and technology. She has been working with new media technologies and scientific related processes since 1990 and her work has been presented at key international exhibitions, festivals and conferences in Europe and the USA. Her writing has been published internationally in numerous books and journals on art and technology. Since 2000 her art practise has engaged with the scientific disciplines of cell and molecular biology. She has collaborated with scientists and anthropologists to conduct primary research on the themes of consciousness, ecology, biology and genetics. Her current art practise engages with the cultural themes of genomics.

[http://www.kathleenrogers.co.uk/2006/09/about\\_the\\_artist\\_1.htm](http://www.kathleenrogers.co.uk/2006/09/about_the_artist_1.htm)

**Jill Scott** (Zurich, CH) currently is Professor for Research in the Institute Cultural Studies in Art, Media and Design at the Zurich University of the Arts (ZHDK) in Zürich and Co-Director of the Artists-in-Labs Program (a collaboration with the Ministry for Culture, Switzerland) which places artists from all disciplines into physics, computer, engineering and life science labs to learn about scientific research and make creative interpretations. She is also Vice Director of the Z-Node PhD program on art and science at the University of Plymouth, UK. She has exhibited many video artworks, conceptual performances and interactive environments in USA, Japan, Australia and Europe.

<http://www.jillscott.org>

<http://www.artistsinlabs.ch>

**Soraya Vasconcelos** (Lisbon, PT) has a degree in Fine Arts (University of Lisbon, 2002) and finished a commercial photography course at Etic in the same year. She holds a diploma in digital imaging from Universidade Aut3noma de Barcelona (2003-2004), and participates in a photography course run by Programa Gulbenkian Criatividade e Cria33o Artística (2005). She exhibits solo and collectively since 2000. She obtained a scholarship from DGArtes and Ci3ncia Viva for an Arts in Residence scheme: Programa Rede de Resid3ncias: Arte, Ci3ncia e Tecnologia, between October and December, 2007. She works and lives in Lisbon.

[http://www.artadentro.com/soraya\\_vasconcelos.htm](http://www.artadentro.com/soraya_vasconcelos.htm)

<http://www.sv-biop.blogspot.com/>

**Jennifer Willet** (Montreal, CA) is an internationally successful artist, specializing in performance, installation, and reproductive (analogue/digital/biological) technologies. Willet's work explores notions of representation, authority, and subjectivity in relation to biological and digital technologies with an emphasis on social and political criticism. She is PhD candidate in the Interdisciplinary Humanities program at Concordia University in Montreal. From 2000-2007, Willet and Shawn Bailey collaborated on an innovative computational, biological, artistic, project called BIOTEKNICA.

<http://www.bioteknica.org/>

<http://jenniferwillet.com/bio.html>

**Ionat Zurr** (Perth, AU) was born in England, currently living and working in Western Australia. Wet Biology Art Practitioner. Artist in residence/PhD candidate in SymbioticA. Co-Founder of the TC&A Project. Research Fellow at the Tissue Engineering and Organ Fabrication Laboratory, Harvard Medical School (2000-2001). Studied art history, photography and media studies. Specialising in biological and digital imaging as well as video production. Currently a PhD candidate researching the ethical and epistemological implications of wet biology art practices.

<http://www.tca.uwa.edu.au/index.html>

**Robert Zwijnenberg** (Leiden, NL) is Professor of art history in relation to the development of science and technology at Universiteit Leiden and Universiteit Maastricht. He has published on Renaissance culture and art theory, philosophy of art, and on the relation between the arts and sciences. He is one of the founding members of The Arts and Genomics Centre (Amsterdam) that aims at stimulating, initiating and supervising meetings, discussions, collaborations, and exchanges between international artists, genomic researchers and professionals from business and governmental organisations.

<http://www.artsgenomics.org>