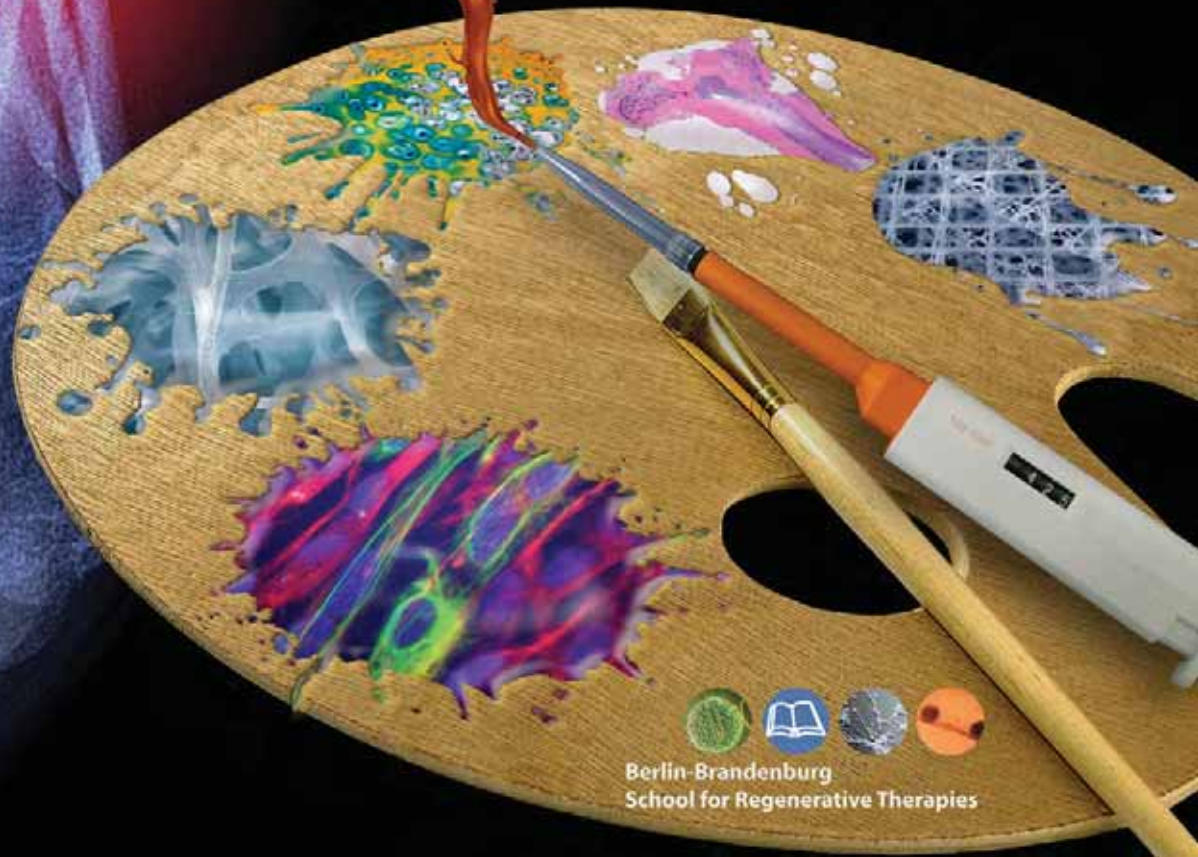


THE ART OF FAILURE

Regenerative Therapies from Experimental Sketches to Clinical Masterpieces

Berlin 28th - 30th November 2018



The Art of Failure: Regenerative Therapies from Experimental Sketches to Clinical Masterpieces

9th BSRT Symposium – Berlin, 28th - 30th November 2018

'I haven't failed. I've just found 10,000 ways that won't work.' Thomas Edison

Nowadays, many key players in science call for an open approach to failure and propose embracing it to learn and improve. We have therefore dedicated the BSRT Symposium 2018 to the 'Art of Failure' in the field of Regenerative Therapy research.

Science often shines like a masterpiece. However, in this unique Symposium we draw attention to the 'smears' in the scientific 'paintings'. By covering aspects of body failure, its limited ability to regenerate and how to address this failure by therapeutic approaches, we warmly encourage our keynote speakers and participants to discuss the failures behind their results.

This Symposium will explore failure in Regenerative Therapy research from two different perspectives.

Science perspective

Causes of failure in regeneration will be discussed, highlighting natural influences of cellular aging and microbial infections. The inherent potential of the body to deal with failure will be illustrated by focusing on immune reactions as well as cellular and tissue regeneration. Moreover, a colorful palette of strategies that support regeneration will be displayed, from nature- to technology-inspired solutions. Lastly, the critical steps in translating promising therapies into clinical applications will be portrayed.

Scientists' perspective

The omnipresent pressure on scientists to quickly publish their research results is widely known. However, scientific research often encounters failure and achieving the successful final masterpiece becomes a frustrating time-consuming process. During this Symposium, we will explore how these two conflicting realities influence scientists and the quality of science. We will question and debate our fears of failure in order to understand and embrace them as essential elements of research and as an opportunity to learn and improve.

Science Perspective - Body Failures



The Persistence of Memory
Salvador Dalí



The Sleep of Reason Generates Monsters
Francisco Goya

Session 1

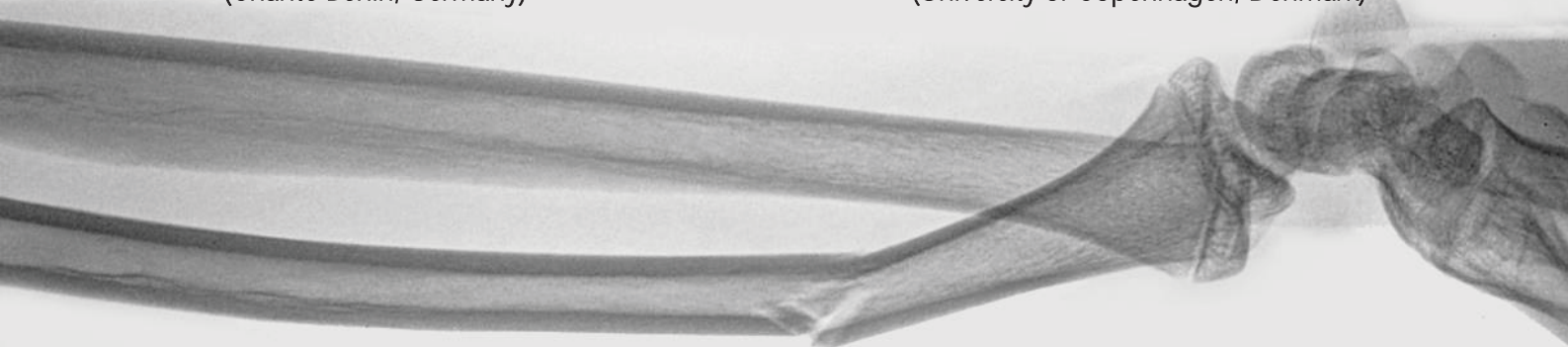
**A race against time:
the effects of aging**

Confirmed keynote speaker
Georgios Kararigas
(Charité Berlin, Germany)

Session 2

**Beware of your enemies:
when infections impact regeneration**

Confirmed keynote speaker
Thomas Bjarnsholt
(University of Copenhagen, Denmark)



Science Perspective - Body Solutions



The Liberty Leading the People
Eugène Delacroix



Sky and Water
Maurits Cornelis Escher



Self-Portrait with Bandaged Ear
Vincent van Gogh

Session 3

Facing the challenge:
shaping the immune response

Confirmed keynote speaker
Leif Sander
(Charité Berlin, Germany)

Session 4

There is more than black
and white: exploring the
fate of stem cells

Confirmed keynote speaker
Fabrisia Ambrosio
(University of Pittsburgh, USA)

Session 5

Portrait of an injury:
how to regrow tissues

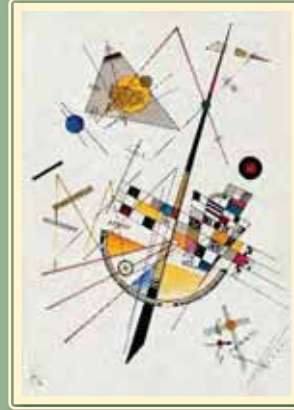
Confirmed keynote speaker
Tatiana Sandoval Guzmán
(CRTD, Dresden, Germany)



Science Perspective – Man Made Solutions



Vertumnus
Giuseppe Arcimboldo



Delicate Tension
Wassily Kandinsky

Session 6
Harvesting the bounties of nature:
inspiration to design model
systems

Invited keynote speaker
Sabine Middendorp
(UMC Utrecht, The Netherlands)

Session 7
From sketch to reality:
mastering new tools

Confirmed keynote speaker
Daniel J. Kelly
(Trinity College Dublin, Ireland)

Science Perspective – Clinical Practice



The Creation of Adam
Michelangelo Buonarroti

Session 8

Reaching out to the world: translation to clinical practice

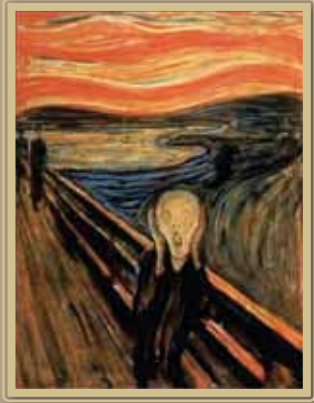
Invited keynote speaker

Graziella Pellegrini

(Centre for Regenerative Medicine Stefano Ferrari, Modena, Italy)



Scientists' Perspective



The Scream
Edvard Munch



Phoenix
Unknown Artist

Welcome session
Publications that make you scream:
the agonizing pressure for positive data

Invited keynote speaker
Darrel Francis
(Imperial College London, UK)

Panel discussion
Lessons from the Phoenix:
why do we fear failure?

Intended Panelists
Maryam Zaringhalam
Stuart Firestein
Ralph Keyes
Dirk Mielenz

Intended Moderator:
Ulrich Dirnagl

Preliminary Schedule

Wednesday
28th November

10.00 Welcome by organizers

10.15 Welcome session
**Publications that make you
scream: the agonizing
pressure for positive data**

11.15 Session 1
**A race against time:
effects of aging**

13.00 Lunch break

14.00 Session 2
**Beware of your enemies:
when infections impact
regeneration**

15.45 Coffee break

16.15 Session 3
**Facing the challenge:
shaping the immune response**

18.30 Welcome drink

Thursday
29th November

09.00 Session 4
**There is more than black
and white: exploring the
fate of stem cells**

10.45 Company speed talks

12.15 Lunch break

13.15 Session 5
**Portrait of an injury:
how to regrow tissue**

15.00 Poster session I

16.30 Session 6
**Harvesting the bounties of
nature: inspiration to design
model systems**

19.00 Symposium dinner

Friday
30th November

09.00 Session 7
**From sketch to reality:
mastering new tools**

10.45 Coffee break

11.15 Session 8
**Reaching out to the world:
translation to clinical practice**

13.00 Lunch buffet

14.00 Poster session II

16.00 Coffee break

16.30 Panel discussion
**Lessons from the Phoenix:
why do we fear failure?**

18.00 Award ceremony

18.30 Buffet dinner



Organisers

Matthias Becker | Maria Eugenia Butini | Ana Garcia Duran
Lorenz Gerbeth | Georgios Kotsaris | Melanie Kuffner
Wera Pustlauk | Martina Tortorici | Fatih Yergoz

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