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MEETING EINSTEIN

Can plastic replace pills?

Keynote and Discussion on Biomaterials with
David Mooney, Einstein Visiting Fellow and Professor of
Bioengineering at Harvard University

21st August 2013, 7:00 pm

Otto Bock Science Center
Ebertstraße 15 a, 10117 Berlin



Can plastic replace pills?

Cells from our body are often considered the next generation of medical therapies. They enable tissue to recover from disease and thus provide an attractive alternative to longtime intake of pharmaceuticals. But we can't take cells in a tablet, and simple cell injections proved ineffective in most cases. Einstein Visiting Fellow David Mooney works on a visionary solution: Together with his teams in Harvard and Berlin, he designs new polymers that can be used to transplant cells where and when they are needed in the body. These intelligent plastics can even directly control cells already present in the organs.

After a keynote speech, David Mooney will discuss the potential applications of his "tissue bioreactors" with leading experts from both science and industry.

Panel Participants

Prof. Georg Duda
Charité-Universitätsmedizin Berlin

Prof. David Mooney
Harvard University

Dr. Michaela Kneissel
Novartis

Prof. Carsten Tschöpe
Charité-Universitätsmedizin Berlin

Prof. Reiner Schnettler
University Medical Center Gießen

The discussion will be moderated by Dr. Stephen Cave, science journalist and author.

David Mooney

David Mooney is Robert P. Pinkas Family Professor of Bioengineering at the Harvard School of Engineering and Applied Sciences and a member of the Wyss Institute for Biologically Inspired Engineering at Harvard University. By developing materials that mimic nature's design principles, he impels a revolution in medicine, industry and environment. Since 2011, David Mooney has been Einstein Visiting Fellow at the Berlin-Brandenburg School for Regenerative Therapies (BSRT).

Einstein Visiting Fellow

The aim of the funding programme "Einstein Visiting Fellow" of the Einstein Foundation Berlin is to integrate distinguished foreign scientists into the Berlin research landscape.



MEETING EINSTEIN

Outstanding academics present their findings to the Berlin public.

Programme

6:30 pm Admission

7:00 pm Welcome

7:15 pm Keynote David Mooney

7:30 pm Discussion

8:30 pm Reception and guided tour through the Science Center

Please register at www.einsteinfoundation.de.

Kindly note that space is limited. Registered guests will be seated in the order of their arrival.

Location

Otto Bock Science Center

Ebertstraße 15 a

10117 Berlin

www.sciencecenterberlin.com

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