

Ernst Schering Foundation

Founded in 2002 by Schering AG, Berlin, the independent and non-profit Ernst Schering Foundation aims to promote science and art.

In science the focus is on the life and natural sciences, in art on the contemporary visual and performing arts including dance and music. In addition, the Foundation promotes the scientific and cultural education of children and youth and the dialogue between science and society.

Particular emphasis is on projects that promote a constructive dialogue between science and society. The Ernst Schering Foundation pursues this dialogue through a variety of initiatives. It organizes and supports science lectures for a wider audience, holds public discussions and symposia on controversial scientific topics, and promotes science communication in Germany.

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The Task of Scientists in the Modern World

**Symposium for
the 10th Anniversary
of the Ernst
Schering Foundation**



Ernst Schering Foundation

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**September 11, 2012
1 p.m. until 7 p.m.**

**Berlin-Brandenburg Academy
of Sciences and Humanities
Einstein Hall**

Jägerstr. 22/23 | 5th floor | 10117 Berlin

Program

The Ernst Schering Prize is one of the most prestigious German science prizes. It is awarded annually on an international level for outstanding basic research in the fields of medicine, biology or chemistry. In the year of its 10th anniversary the Ernst Schering Foundation invited Ernst Schering laureats from different scientific areas to discuss "The Task of Scientists in the Modern World". The main topics of the symposium are:

Current and Future Challenges for Science

Science is faced with global challenges that can only be solved if we pursue a broad research agenda with the aim of finding sustainable solutions. The key here is to maintain and improve people's living conditions in the long term. Regardless of whether the questions are rooted in ecology, health or other areas, there can be no comprehensive solutions to the current and future challenges. They have to fulfill several requirements, however: they have to be affordable, environmentally and climate-friendly, socially acceptable, safe and technologically reliable. This session is intended to present and discuss the perspectives that scientists from a variety of disciplines bring to these issues.

How Does the Scientific Community Ensure Quality and Trust?

Transparency as well as an open and consistent handling of scientific misconduct are essential to ensure quality and trust. Given the increasing complexity of research, both these issues become more and more challenging. How and with what criteria can we measure the quality of research? How can information on research projects and findings be made visible also to a non-expert public? How effective is the scientific community's system of self-monitoring when it comes to dealing with scientific misconduct? These and other questions will be at the heart of the session's debate.

Please register until August 20, 2012 using the enclosed reply card or sending an email to: anmeldung@scheringstiftung.de

1:00 – 1:15 p.m.

Welcome

Reinhard Kurth

Chairman of the Ernst Schering Foundation Council, Berlin

Moderation

Volker Stollorz

Science Journalist, Cologne

1:15 – 1:45 p.m.

Keynote Speech

"Current and Future Challenges for Science"

Matthias Kleiner

President of the German Research Foundation, Bonn

1:45 – 3:00 p.m.

Presentations of Ernst Schering Laureats

Klaus Rajewsky

Immunologist, Laureat 2008

Immune Regulation and Cancer, Max Delbrück Center for Molecular Medicine, Berlin

Ilme Schlichting

Biophysicist, Laureat 1998

Director of the Department Biomolecular Mechanisms Max Planck Institute for Medical Research, Heidelberg

Takao Shimizu

Biochemist, Laureat 2000

Department of Biochemistry and Molecular Biology Faculty of Medicine, University of Tokyo, Japan

Peter Seeburg

Biochemist, Laureat 1992

Director of the Department Molecular Neurobiology Max Planck Institute for Medical Research, Heidelberg

3:00 – 3:30 p.m.

Coffee Break

3:30 – 4:00 p.m.

Keynote Speech

"How Does the Scientific Community Ensure Quality and Trust?"

Stefan Hornbostel

Head of the Institute for Research Information and Quality Assurance, Berlin

4:00 – 4:45 p.m.

Presentations of Ernst Schering Laureats

Sir Ian Wilmut

Embryologist, Laureat 2002

Chair SCRUM, Centre for Regenerative Medicine University of Edinburgh, UK

Ronald McKay

Stem Cell Researcher, Laureat 2004

Lieber Institute for Brain Development Baltimore MD, USA

4:45 – 6:00 p.m.

Panel Discussion with Ernst Schering Laureats

6:00 – 6:15 p.m.

Short Break

6:15 – 7:00 p.m.

Public Lecture

"Modern Mass Spectronic Technology for Biology and Biomedicine"

Matthias Mann

Ernst Schering Prize 2012

Director of the Department of Proteomics and Signal Transduction, Max Planck Institute of Biochemistry, Martinsried

7:00 p.m.

Reception