Symposium President

GÜNTER STOCK
Member of the Board of Executive Directors
Schering AG
Berlin, Germany

Organizing Committee

SHIN-ICHI NISHIKAWA
RIKEN Center for Developmental Biology
Kobe, Japan

JOHN MORSER
Nihon Schering K.K. Research Center
Kobe, Japan

General Information

Venue of opening lecture:
Translational Research Informatics Center (TRI)
1-5-4, Minatojima-minami-machi, Chuo-ku
Kobe, 650-0047, Japan

of workshop:
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Workshop 54
October 20 – 22, 2004

The Promises and Challenges of Regenerative Medicine
A workshop jointly organized by the Ernst Schering Research Foundation, Berlin, Germany and the RIKEN Center for Developmental Biology, Kobe, Japan
**Wednesday, October 20th, 2004**

**Opening**

Venue: **TRI Center**

5.00 p.m. Official opening of the Workshop together with the official opening of the new Schering Research Facilities in Kobe (detailed programme of the opening will be provided separately)

The **Opening Lecture** will be given by **Ronald McKay**

**National Institute of Neurological Disorders and Stroke, NIH, Bethesda, USA**

**Regenerative medicine – future perspectives**

6.30 p.m. Reception

**Thursday, October 21st, 2004**

**Workshop**

Venue: **RIKEN Center (CDB)**

9.00 a.m. **Monika Lessl**

*Ernst Schering Research Foundation, Berlin, Germany*

Remarks on behalf of the Ernst Schering Research Foundation

**Session I**

**Evolution, development and regeneration**

*Chairpersons: Yoshiki Sasai / John Morser*

9.15 a.m. **Kiyokazu Agata**

**RIKEN Center for Developmental Biology, Kobe, Japan**

Regeneration during evolution: planaria and hydra

10.00 a.m. **Shin-ichi Nishikawa**

**RIKEN Center for Developmental Biology, Kobe, Japan**

Stem cells and their niches

10.45 a.m. Coffee break

**Session II**

**Embryonic and adult stem cells**

*Chairpersons: Shin-Ichi Nishikawa / Branka Mitrovic*

11.15 a.m. **Norio Nakatsuji**

**Department of Development and Differentiation, Kyoto University, Japan**

Human ES cells

12.00 noon **Alan Trounson**

**Monash Institute of Reproduction and Development, Monash University, Australia**

Stem cells

12.45 p.m. Lunch

2.30 p.m. **Hideki Taniguchi**

**Department of Regenerative Medicine, Yokohama City University, Japan**

Liver and pancreatic stem cells

**Session III**

**Stem cells in preclinical research**

*Chairpersons: Takayuki Asahara / Daniel Perez*

3.15 p.m. **N. N.**

**Foundation for Biomedical Research and Innovation, Kobe, Japan**

Stem cells for drug discovery

4.00 p.m. Coffee break

**Session IV**

**Regeneration in specific indications I**

*Chairpersons: Ronald McKay / Gabor Rubanyi*

4.30 p.m. **Shigeru Kinoshita**

**Department of Ophthalmology, Kyoto Prefectural University, Japan**

Corneal cells for regeneration

5.15 p.m. **Luis Parada**

**University of Texas Southwestern Medical Center at Dallas, USA**

Stem cells in cancer

7.00 p.m. Speakers’ dinner

**Session IV continued**

**Regeneration in specific indications II**

*Chairpersons: Kiyokazu Agata / Richard Horuk*

9.00 a.m. **Hiromitsu Nakauchi**

**Center for Experimental Medicine, Tokyo University, Japan**

Hematopoiesis

9.45 a.m. **Yoshiki Sasai**

**RIKEN Center for Developmental Biology, Kobe, Japan**

Neurogenesis

10.30 a.m. Coffee break

11.00 a.m. **Takayuki Asahara**

**RIKEN Center for Developmental Biology, Kobe, Japan**

Endothelial precursor cells

11.45 a.m. **Doris Taylor**

**Center for Cardiovascular Repair, University of Minnesota, USA**

Cell based cardiovascular repair: what is the state of the art?

12.30 p.m. Concluding remarks

12.45 p.m. End of workshop

Lunch