

Symposium President

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Berlin, Germany*

Organizing Committee

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

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Kobe, Japan*

General Information

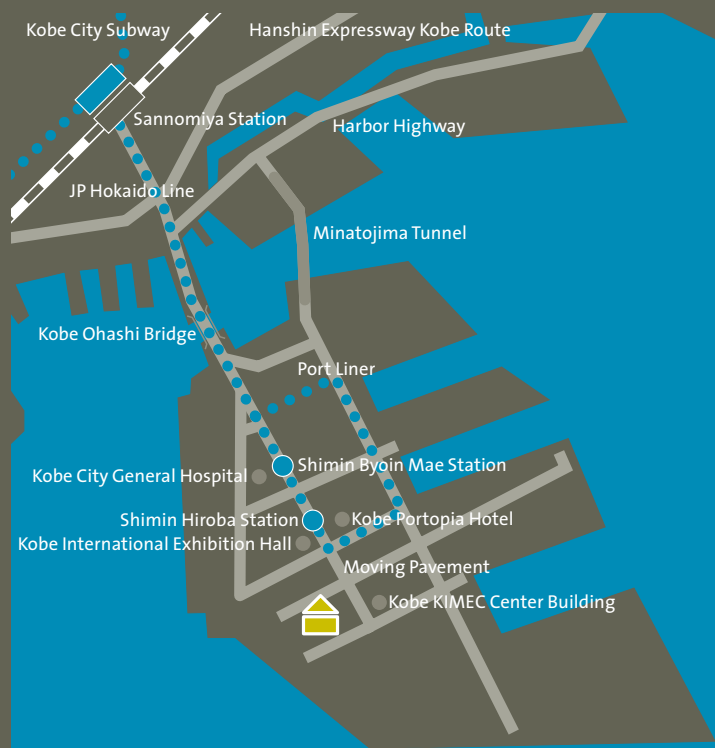
Venue of opening lecture:
Translational Research Informatics Center (TRI)
1-5-4, Minatojima-minami-machi, Chuo-ku
Kobe, 650-0047, Japan

of workshop:
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 RIKEN Center for Developmental Biology

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

Thursday, October 21st, 2004

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

Friday, October 22nd, 2004

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