

Osaka University's Strategies for Internationalization

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Prof. Emeritus, Osaka University



Expanding Academic Collaboration through Overseas Centers

■ **83+ Inter-University Agreements**
(Asia 36, Europe 31, North America 11....etc)

■ **350+ Inter-Faculty Agreements** (As of Oct. 2010)



Osaka University established overseas Centers for Education and Research in San Francisco (2004), Groningen (2005), Bangkok (2006) and Shanghai (2010)

Osaka University Groningen Center for Education and Research (since 2005)



Osaka University Office



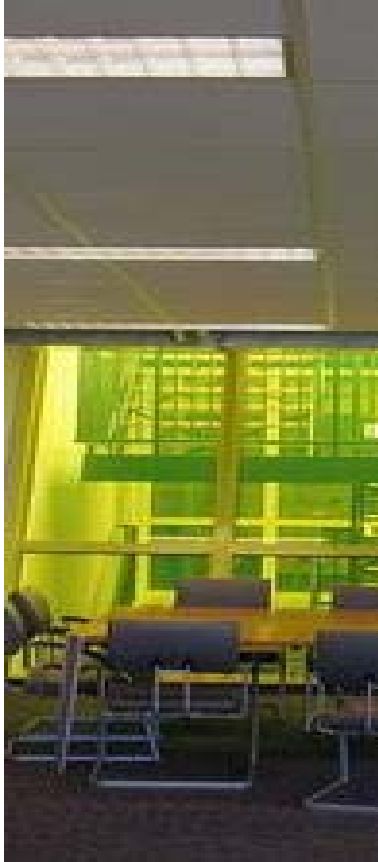
Prof. Hirotsu, Executive Director



Opening Ceremony (Oct. 2005) at
University of Groningen



Missions of Groningen Center



- To facilitate and support ongoing educational programs/initiatives
- To provide information and support for prospective students
- To provide training opportunities for young researchers
- To establish and maintain academic exchange agreements and MOUs
- To help organizing collaborative networks with European Higher Education and Research Institutes
- To organize seminars and symposiums
- To function as “Alumni Center”



Educational Programs for International Student Mobility Enhancement

Developing Educational Programs

Developing Educational Programs
for international students (incoming) and for regular students (outgoing)

Degree Programs in English

Graduate Programs (MS, Dr.)

- Biotechnology
- Quantum Engineering
- Naval Architecture and Ocean Eng.
- Engineering Science
- Special Integrated Science
- International Physics

Undergraduate Programs (BS)

- Human Sciences (Oct. 2011)
- Chemistry/Biology Combined Major

Short-term Programs for International Students

Regular Exchange

OUSSEP

Maple

FrontierLab@OsakaU

Participation in Student Mobility Programs

EM Master Program

ICI-ECP

JSPS ITP

Short Term Programs for International Students

Short term stay up to one year

Liberal arts subjects,
independent study
opportunities in
English for participants.

OUSSEP



Specially prepared
exchange program for
those who have a clear
idea of their study goals
in Japan.

Regular Exchange

Feel and
touch cutting-
edge
technology at
one of Osaka
University's
world-
leading
laboratories.



FrontierLab@OsakaU



Enhance your
Japanese skills
and/or
deepen your
understanding
of Japanese
culture.

Maple

- Emphasizing hands-on laboratory research
- Interactive and experimental learning
- Close supervision by top scientists
- In English or Japanese
- Both Undergraduate and Graduate Level
 - 1-2 semesters for undergraduate students
 - 3-12 months for graduate students
- Quality Assurance based on the concept of ECTS



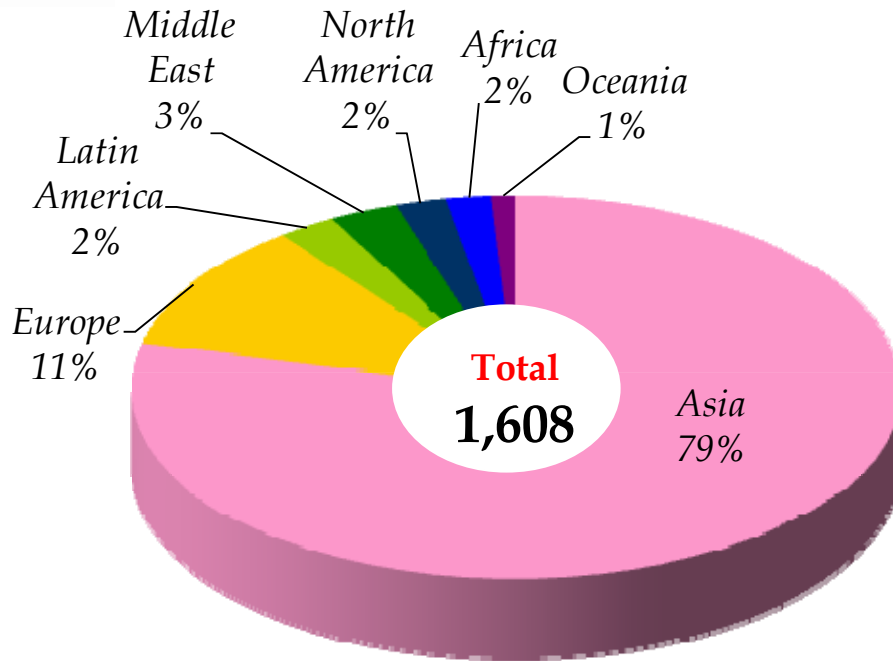
Mandatory Final Presentation

Fields of Research Opportunity include:

- Graduate Schools of Science, Engineering, Engineering Science, Information Science and Technology, Frontier Biosciences.
- Research Institutions and Centers



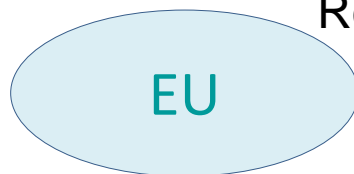
Final Presentation Awards



(As of May 1, 2010)

Asia	1267
Europe	175
Middle East	46
Latin America	40
North America	36
Africa	30
Oceania	14
Total	1,608

SHORT TERM Exchange Students Fiscal Year 2010



OUSSEP 22
MAPLE 24
FrontierLab 22 including ICIECP 8
Regular 7

78+



44+
ICIECP 1
Regular 33

Participating Student Mobility Programs in European Countries

-Toward Multilateral Educational Collaboration-

"Erasmus Mundus- A New Strategy for Academic Exchange between Japan and Europe"

December 18th, 2007 at Nakanoshima Center, Osaka University

3 Presenters from EU & 3 Panelists from Japanese Universities



Mr. Diego Sammaritano
European Commission, Brussels



Mr. Robert Wagenaar
University of Groningen



Ms. Marie-Helene Vareille
Delegation of the European
Commission to Japan

115 representatives from 24 universities and 6 institutes

ERASMUS MUNDUS Euroculture

- M.A. program of interdisciplinary European studies
- Groningen (chair), Uppsala, Cracow, Olomouc, Göttingen, Deusto, Strasbourg, Udine
- Osaka as third country-partner (since 2008)

5 course units related to modern Japan (2008)

- Contemporary Japanese Culture
- Contemporary Japanese Thought
- Modern Japanese Literature
- Contemporary Arts
- Modern Japanese History

Academic Exchange (2008-09)

	Osaka → Europe	Europe → Osaka
student	4	10
staff	3	5

MAPNET programme

- Masters on Photonic NETWORKS Engineering (2010.8) -

<http://mapnet.sssup.it/>

The MAsters on Photonic NETWORKS engineering (MAPNET) a full-time, two-year, international master course programme offered by a consortium of four universities and with the support of five international enterprises acting as



Technische Universität Berlin



IN THE HEART OF BIRMINGHAM



EMELE

Multiculturalism: Master degree in Learning and Teaching of Spanish in Multilingual and International Contexts

UNIVERSITY OF DEUSTO , Spain (Coordinating institution)
UNIVERSITY OF BARCELONA, Spain
POMPEU FABRA UNIVERSITY, Spain
FREE UNIVERSITY BERLIN, Germany
UNIVERSITY OF GRONINGEN, Netherlands
UNIVERSITY OF ICELAND, Iceland
UNIVERSITY OF STOCKHOLM, Sweden
OSAKA UNIVERSITY, Japan
JAWAHARLAL NEHRU UNIVERSITY, India
UNIVERSITY OF CAMPINAS, Brazil
UNIVERSITY OF MARYLAND, United States
MOSCOW STATE LINGUISTIC UNIVERSITY, Russian Federation

Industrialized **C**ountries **I**nstrument **E**ducation **C**ooperation **P**rogram
funded by European Union and Japanese Student Services Organization
(JASSO)

-The “INTERFACES” project is a collaboration between seven universities of Europe and Japan.

Groningen University
Uppsala University
Bochum University
Heidelberg University

Osaka University
Kyoto University
Tohoku University

- One Semester Abroad Program with credit transfer and with no delay in graduation
- Covers the fields of natural sciences, pharmacy, informatics and artificial intelligence.

ICI ECP IGM: Interdisciplinary Global Mechanical Engineering Education

■ EU-side:

- Technical University of Delft (TU Delft)
- Denmark Technical University (DTU)
- Royal Institute of Technology (KTH)

■ Japan-side:

- Osaka University (OU)
- University of Tokyo (UT)
- Tokyo Institute of Technology (TT)

■ The purpose and scheme:

- Innovative mechanical engineering such as mechatronics, biomechanics, manufacturing .
- IGM project aims at enhancing mutual understanding the differences between European and Japanese approaches and cultures, and enhancing collaborations among partner universities in both education and research.
- IGM project will primarily exchange students in MSc study phase for final thesis research work. It will send 15 students from one partner university and, as a whole, 45 students (in one way) in the project period.
- IGM project provides exchange students with preparatory training seminars in culture, language, and technology.

Students Exchange between Osaka and Groningen University

Groningen University Short-Term-Visit Program for English Learning

(Appetizer Program: Improving oral English skills for Osaka University students for their future long-term studies in abroad) **Started from 2006 (August)**



Guidance



Hard training of presentation
according to their own subjects

Students Visits from Groningen University



GU students from Faculty of Arts(April 2010)
Last memorial seminar by Prof.T.Shiba

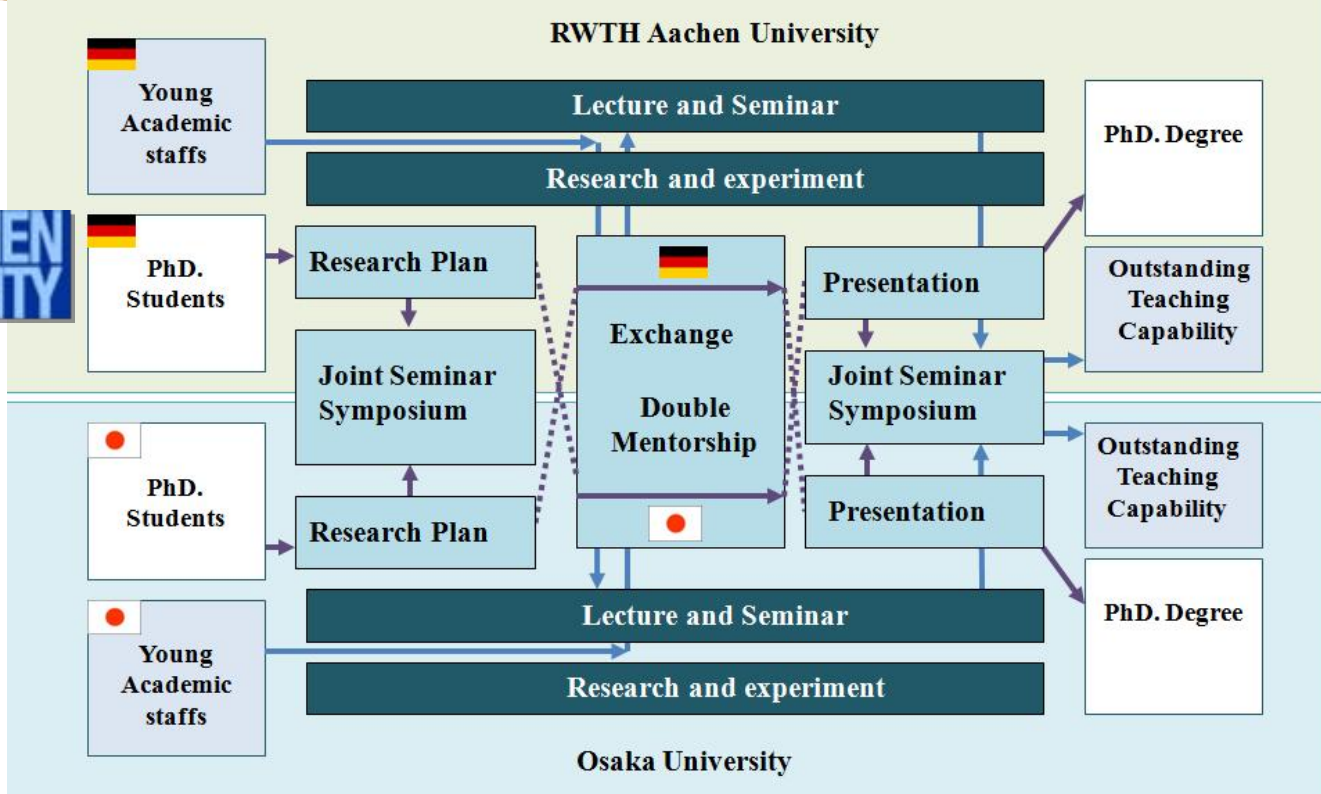


GU students from Appl. Phys. at OU Festival
(April 2010)



RWTHAACHEN UNIVERSITY

DFG



JSPS

Joint Curricula Implemented by Japanese-German Graduate Externship

Dispatch Doctoral Student and Faculty Provide Research Guidance Hold Joint Seminars

Research Related Activities

-Toward Multilateral Research Collaboration-

The Osaka University Forum was initiated by former President Dr. Kishimoto and is an annual symposium that brings together international science leaders to explore trends and specific areas of current research work. Sponsored by Osaka University, the forum has been hosted at various famous academic venues around the world.

- 2002 *Life Science (Washington, D.C.)*
- 2003 *Nano Science and Nano Technology (Munich)*
- 2004 *Biologically Inspired Information Technology (Lausanne)*
- 2004 *Les sciences humaines de l'interface: le Japon, d'autres visages (Strasbourg)*
- 2005 *Frontiers of Basic Science (Hanoi)*
- 2006 *Frontier Biomedical Research and Beyond (San Diego)*
- 2007 *Frontiers of Economics and its Applications (Groningen)*
- 2008 *Bio-Environmental Chemistry (San Francisco)*
- 2009 *The 21st Century Approach to Japanese Studies Programmes in Southeast Asia (Kuala Lumpur, November 2009)*

Globalization and Conflict: Entanglement between Local and Cosmopolitan Orientations

28th - 30th September 2010

University of Groningen, The Netherlands

Jointly Organized by
Osaka University and University of
Groningen

Panels:

- Humanitarianism and Its Discontent: Global Discourse and Local Realities
- Globalization, Nation-State and Human-Security
- The Humanities, Art and Global Politics
- Local Conflict and Global Connections
- Gender Matters: The Politics of Nationalized War Memory

GLOBALIZATION AND CONFLICT:

Entanglement between Local
and Cosmopolitan Orientations



Jointly Organized by Osaka University and University of Groningen

Venue: the Academy Building, University of Groningen, The Netherlands

The forum aims to open up new spaces for international academic dialogue on globalization and conflict. In today's world we experience an enormous number of social, cultural and linguistic-ethnic conflicts. Particularly since the breakdown of the Cold War power balance, these conflicts have occurred and continue to occur at various levels from the micro to the macro, namely as part of people's everyday lives, as well as part of regional, national and international confrontations. Conflicts are now ubiquitous, from the effects of which none of us is free.

The present forum is an attempt to tackle this contemporary universal predicament by focusing on entangled relationships between cosmopolitan orientations that are becoming apparent in parallel with the process of rapid globalization, and local, parochial orientations that are emerging at the grassroots as reactions against globalization from above.



Panels:

'Humanitarianism and Its Discontent: Global Discourse and Local Realities'
'Globalization, Nation-State and Human-Security'
'The Humanities, Art and Global Politics'
'Local Conflict and Global Connections'
'Gender Matters: The Politics of Nationalized War Memory'

Main Participants:

Professor Junji Koizumi (Trustee and Vice-President, Osaka University, *Anthropology*)
Dr. Joost Herman (University of Groningen, *International Humanitarian Law*)
Professor Eisei Kurimoto (Osaka University, *anthropology*)
Professor Dr Jaap de Wilde (University of Groningen, *International Relations*)
Professor Dr Rien Segers (University of Groningen, *Japan Studies*)
Professor Kazuo Muta (Osaka University, *Sociology*)
Professor Wolfgang Schwentker (Osaka University, *Civilization Studies*)
Professor Mohamed Salth (International Institute of Social Studies, *Anthropology*)



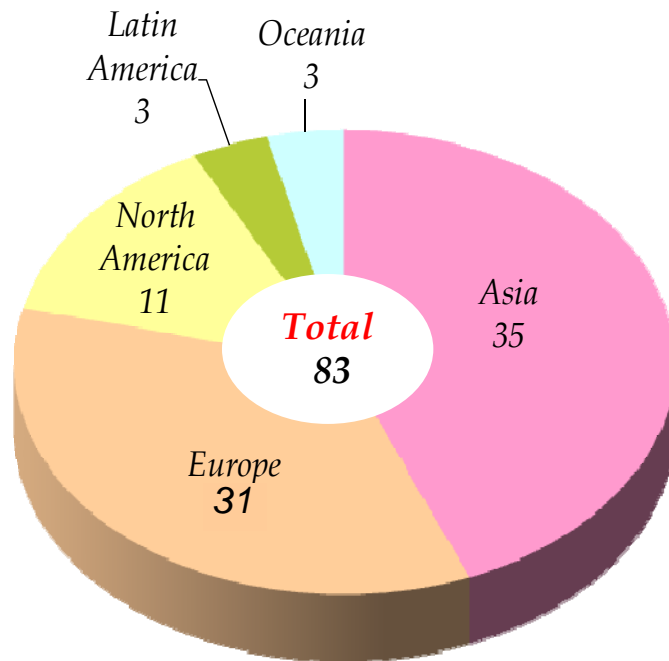
Organizing partners:

- Global ODE Program, "Conflict Studies in the Humanities", Osaka University
- Global Collaboration Center (GLOCOL), Osaka University
- Groningen Centre, Osaka University
- University of Groningen

OSAKA UNIVERSITY FORUM 2010
28th - 30th September 2010



Growing number of partner universities in Europe



Osaka Univ. Inter-University Agreements
As of Oct.1, 2010



Partnership with Groningen University



Inter-University Agreement with Heidelberg University (July, 2010)



Japanese-German University Presidents' Conference



Heidelberg, on 30 July, 2010

July 29-30, 2010, at Heidelberg University

Joint Statement

Japanese-German University Presidents' Conference
at Heidelberg, July 29 – 30, 2010

On the initiative of the University of Heidelberg, and with generous support of the Robert Bosch Stiftung,

the Universities of Kyoto, Osaka and Tohoku, Japan,

and

the Universities of Heidelberg and Göttingen and the Karlsruhe Institute of Technology (KIT), Germany,

met on July 29 and 30, 2010, to start a high quality cooperation between outstanding universities in both countries.

In consideration of traditionally good relations between Japan and Germany, and of long-lasting bilateral cooperation with remarkable success, and acknowledging that all major global problems can only be solved by international cooperation in research and by the open and free exchange of knowledge and research results, it is the task of the major industrialized nations to find solutions not only for their own countries but on a global scope because it is obvious that changes in one part of the world have effects on the other side.

Thus, combining the research, inventive and innovative powers of leading universities in Japan and Germany is regarded as an excellent way to enhance the existing cooperation and provide solutions that can be globally applied and may lead to important solutions for the world in all academic disciplines.

Rector and Presidents, faculty and staff from the six participating universities met at this conference, exchanged information on the latest research and international activities of their institutions and discussed ways of enhancing the collaboration in the future.

Researchers from all universities met in working groups on the following themes:

- Life Sciences Meet Natural Sciences: Crossing the Border
- Energy Conversion and Information Storage with Intelligent Transition Metal Compounds
- Materials for Energy Technologies
- Cultural Translation

Kyoto

Hiroshi MATSUMOTO

President
Kyoto University

Bernhard EITEL

Rector
University of Heidelberg

Heidelberg

Osaka

Kiyokazu WASHIDA

President
Osaka University

Kurt von FIGURA

President
University of Göttingen

Göttingen

Tohoku

Akihisa INOUE
President
Tohoku University

Horst HIPPLER
President
Karlsruhe Institute of Technology KIT

KIT



Collaboration with Bielefeld Univ.

- Univ.-to-univ. exchange agreement established in April 2010
- Close cooperation between:
 - Global COE “*Center of Human-friendly Robotics Based on Cognitive Neuroscience*”, Osaka Univ.
 - COE “*Cognitive Interaction Technology*”, Bielefeld Univ.



Bielefeld-Osaka Workshop

@ Bielefeld Univ., Oct. 11-13, 2010

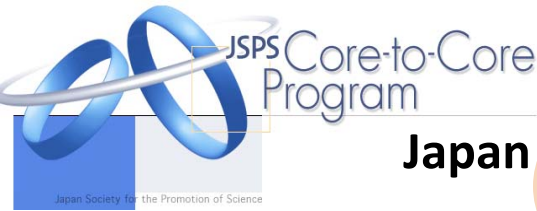
- Participation of *8 young profs.* from each university
- *Interdisciplinary* discussion
 - Robotics, neuroscience, cognitive science, psychology, biology, etc.
- Planning of *students exchange*
 - Preparation for JSPS-DFG grant



Construction of cardiac tissue using integrated gene, cell, and tissue engineering technology and its application for the treatment of cardiac failure

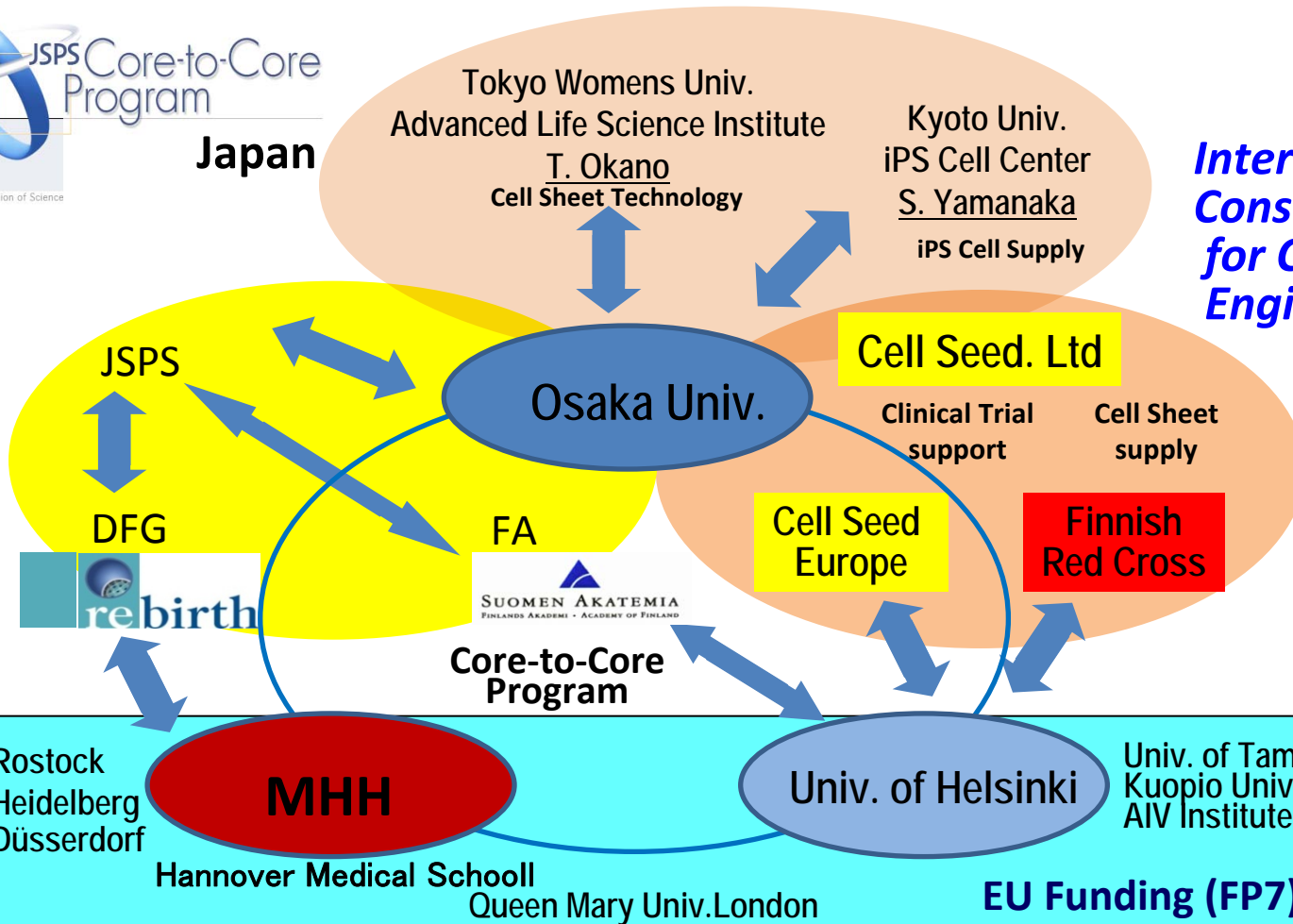
Core institution: Osaka University Graduate School of Medicine

Chair Person: Prof. Yoshiki Sawa, Osaka University Graduate School of Medicine

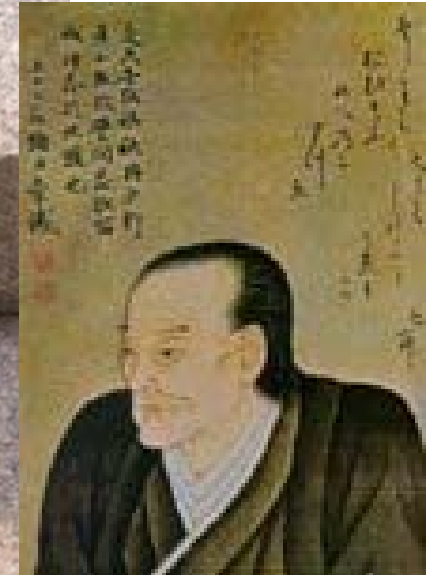


Japan

International Consortium for Cardiac Tissue Engineering



Historical Connection between Univ. of Groningen and Osaka University



OGATA Ko-an

Dr. Ermerins, Graduate of University of Groningen stayed in Osaka from 1870-1877

Osaka University

Live Locally, Grow Globally

Thank you for your attention

