

CU-UCSD Center for Mucosal Immunology, Allergy and Vaccine (CU-UCSD CMAV)

As of July, 2017

CHIBA UNIVERSITY

'International Joint Research'



Overseas bases will be further expanded to NIH and other institutes

General Managers of the CU-UCSD International Joint Project



Toshi Nakayama
Dean, Grad Sch of Med,
Vice President, Chiba U.



David A. Brenner
Vice Chancellor for
UCSD Health Sciences
Dean, Medical School

Chiba Research Center



Director
Hiroshi
Nakajima



Co-director
Satoshi
Uematsu

Graduate Sch. of Med & Univ. Hosp.

Mucosal Immunology	Allergy	Clinical Study
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Prof. Uematsu
(Dept. of Mucosal Immunology)



Prof. Kiyono
(Dept. of Immunology)



Prof. Nakayama
(Dept. of Immunology)



Prof. Ohara
Future Medicine Education & Research Organization



Prof. Okamoto
(Dept. of Otorhinolaryngology)



Prof. Shimojo
(Dept. of Pediatrics)



Assoc. Prof. Kurashima
(Dept. of Innovative Medicine)



Assoc. Prof. Kimura
(Dept. of Future Medicine Research)

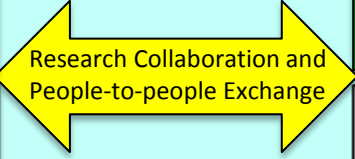


Assoc. Prof. Onodera
(Dept. of Immunology)



Prof. Nakajima
(Dept. of Allergy & Clinical Immunology)

- Leading-edge equipment for immune response analysis
- Creation of a model mouse with CRISPR/Cas9 system
- Exhaustive analysis with system biology
- Innovative germ-free mouse facility which enables infection experiments



Research Collaboration and People-to-people Exchange

- (Faculty and Researchers)
- Promotion of international joint research
 - Employment using a cross appointment system
 - Acquisition of research fund, acceleration of development in collaboration with national and international companies
 - Strategy development by IP section of Chiba University

- (Graduate School)
- Utilization of the degree program and thesis defense system of UC San Diego Health Sciences
 - Implementation of joint education program
 - Lecture and research guidance by faculty members of UCSD
 - Hosting joint symposiums on a regular basis
 - Acquisition of Graduate School Program by MEXT

San Diego Research Center



Director
Hiroshi Kiyono



Co-Director
Peter Ernst



UC San Diego
Mucosal Immunology

Prof. Kiyono



- Collaboration with IBD center of UCSD Health System
- Front-line facility for Germ-free mouse
- Systems Biology

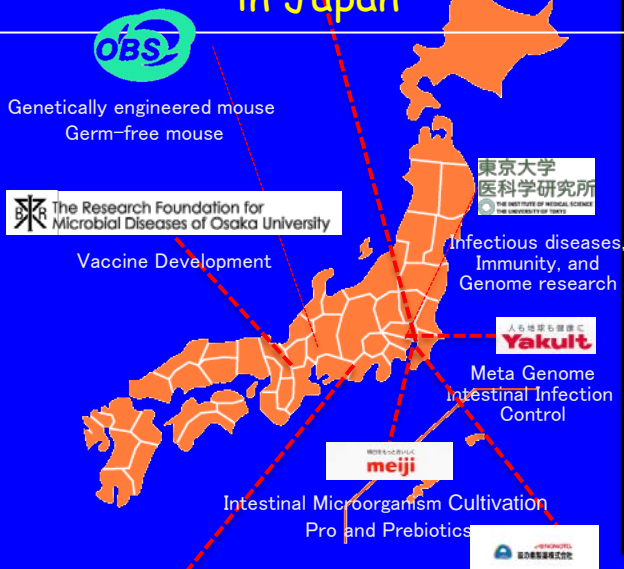


La Jolla Institute for Allergy & Immunology



Acquisition of NIH research grant and cooperate funds (\$3-5 mil per year)

'Joint Basic and TR Researches' in Japan



Creation of Innovative Treatment Techniques for Allergies, Infectious Diseases, and Immune-mediated Refractory Diseases based on Mucosal Immunology Knowledge and Techniques
Cultivation of Global Researchers and MD-researchers of Excellence