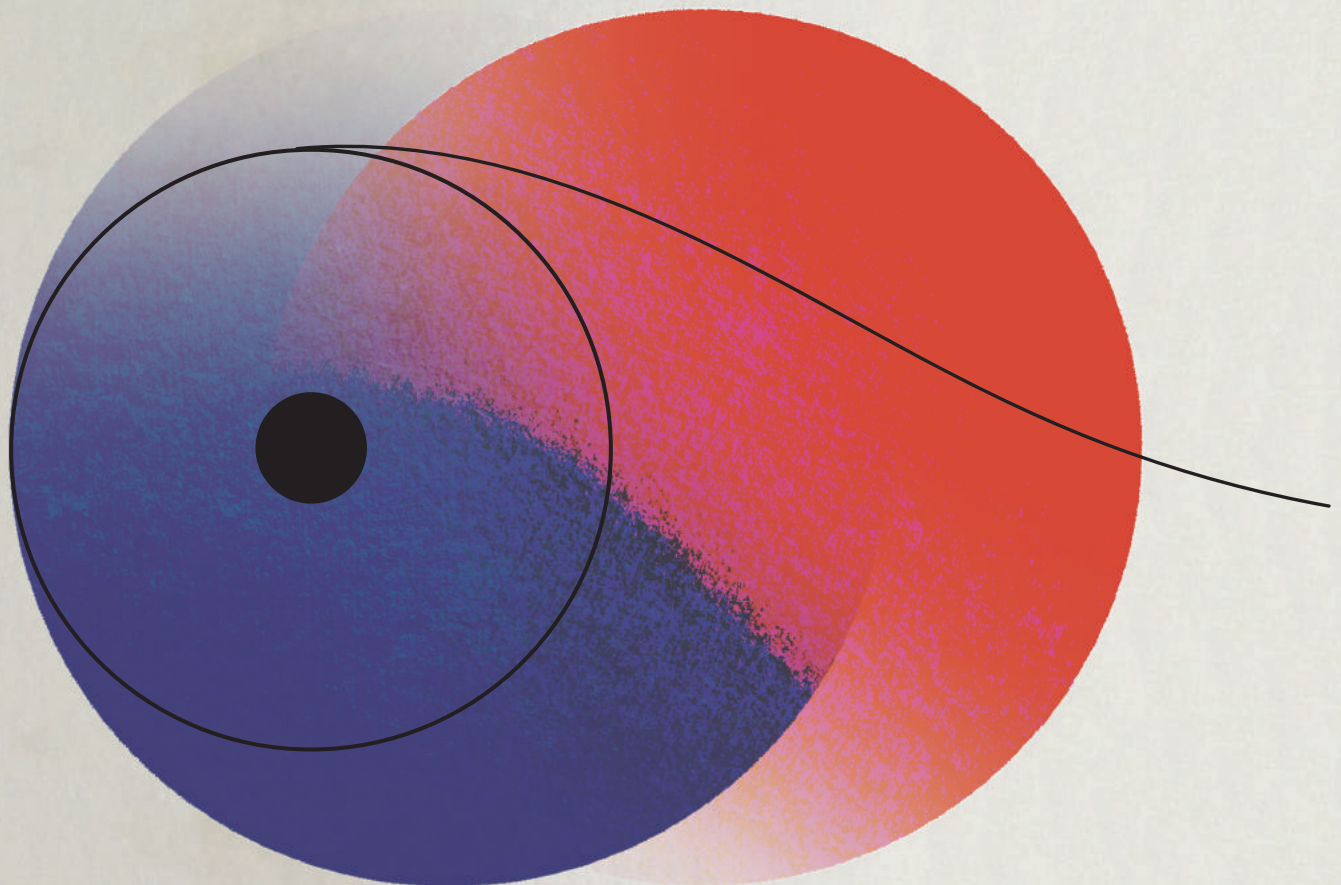


Seminar Venue :
RIKEN 2-2-3 Minatojima,
Minamimachi Chuo-ku,
Kobe, Japan

平成 30年5月
29日-30日

日仏視覚再生研究セミナー



REGENERATIVE MEDICINE
FOR VISION RESTORATION

29-30
May 2018

With the support of the Embassy of France in Japan and the French Institute of Health and Medical Research (Inserm)



REGENERATIVE MEDICINE FOR VISION RESTORATION

RIKEN, Kobe, Japan 29-30 May 2018

SEMINAR Presentation

Recent advances in basic and clinical vision research have made ophthalmology one of the most exciting fields of technological and therapeutic innovations. The Scientific seminar “Regenerative Medicine for Vision Restoration” brings together the renowned Japanese and French research institutions RIKEN, Institut de la Vision and I-Stem to share pioneering and revolutionary experience in translational development of emerging therapeutic strategies and assistive technologies for retinal degenerative diseases. Participants in the Seminar will discuss recent breakthroughs in vision restoration therapies and will work toward creating sustainable collaborations between researchers, clinicians and industry.

The Seminar aims at promoting the French-Japanese collaboration in science and innovation. This event is part of the agenda of the 160th anniversary of the establishment of diplomatic relations between France and Japan.

Jointly organized by RIKEN and Institut de la Vision,
with the support of the Embassy of France in Japan and the French Institute of Health and Medical Research (Inserm)

SEMINAR Program

Tuesday, May 29th

8:30	Seminar registration
9:00	Welcome message <i>Dr Jean-Christophe Auffray</i> Counselor for Science and Technology, the Embassy of France in Japan
9:10	Introduction with general presentation of the Kobe Eye Center <i>Masayo Takahashi</i>
9:35	General presentation of Institut de la Vision <i>José-Alain Sahel</i>
10:00	Coffee break
10:30	Retinal cell therapy using iPS cells <i>Masayo Takahashi</i>
11:00	Application of human pluripotent stem cells for modeling and treating retinal diseases <i>Olivier Goureau and Gaël Orioux</i>
11:40	Photoreceptor transplantation using iPS cells <i>Michiko Mandai</i>
12:10	Generation of iPS cells from an individual patient for a large-scale production of cells for vision restoration <i>Christelle Monville</i>
12:40	Immune reaction for retinal cells derived from iPS cells <i>Sunao Sugita</i>
13:00-14:15	Lunch
14:15	Effect of neural retina on choroidal development <i>Akishi Onishi</i>

14:45	Elaborated retinal tissue engineering based on human embryonic stem cells: from preclinical evidences to translational perspectives <i>Karim Ben M'Barek</i>
15:15	Optogenetic gene therapy for retinal degenerative diseases <i>Hiroshi Tomita</i>
15:45	iPSC-derived retinal cells as platforms for providing individualized drug screening for retinal degenerative diseases <i>Akiko Maeda</i>
16:15	Optogenetics for vision restoration <i>Deniz Dalkara</i>
16:45	Emerging vision restoration strategies <i>José-Alain Sahel</i>
17:15-18:00	General discussion

Wednesday, May 30th

9:00	Toward optimal preparation of future clinical trials <i>Isabelle Audo</i>
9:30	Workshop on clinical aspects, patient cohorts and identification of suitable patients for clinical trials <i>Moderators: Masayo Takahashi, Isabelle Audo, José-Alain Sahel</i>
11:00	Visit of the Kobe Eye Center
13:00-14:00	Lunch
14:00	Discussion on future training and research programs <i>Moderators: Masayo Takahashi, José-Alain Sahel, Christelle Monville, Isabelle Audo</i>
15:30-16:00	Seminar conclusion <i>José-Alain Sahel, Masayo Takahashi</i>