

# The 9th RIKEN Advisory Council

November 9 – 13, 2014

## INTERCONTINENTAL Tokyo Bay

Chair: Rita R. Colwell

Vice-chairs: Howard Alper, Colin Blakemore, Hidetoshi Fukuyama

### November 9 (Sun) DAY 0 (WG)

- 14:30 - 14:40 Explanation about materials distribution by the secretariat
- 14:40 - 15:10 Presentation by **Maki Kawai**, RIKEN Executive Director (30min.)
- 15:10 - 15:25 Q&A (15min.)
- 15:25 - 15:40 *Recess (15 min.)*
- 15:40 - 18:00 Preliminary meeting for Special RAC Working group (WG) members  
by **Hajo Freund**, Chair for WG
- 18:30 - 20:30 Welcome dinner for WG members

**November 10 (Mon)**      *DAY 1 (WG)*

- 9:00-9:10      Special RAC WG member introduction by **Tahei Tahara**
- 9:10-9:30      Presentation by **Hidetoshi Katori**, Chief Scientist (20min.)
- 9:30-9:50      Presentation by **Atsushi Miyawaki**, Chief Scientist (20min.)
- 9:50-10:10     Presentation by **Mikiko Sodeoka**, Chief Scientist (20min.)
- 10:10-10:30    Presentation by **Hye Ryung Byon**, Initiative Research Scientist (20min.)
- 10:30-10:50    Break
- 10:50-11:00    Introduction about interdisciplinary research
- 11:00-11:20    Interdisciplinary research 1 by **Yoichi Shinkai**, Chief Scientist (20min.)
- 11:20-11:40    Interdisciplinary research 2 by **Tetsuo Hatsuda**, Chief Scientist (20min.)
- 11:40-12:10    RIKEN Science Council, Q&A by **Reizo Kato**, Chief Scientist (30min.)
- 12:10-13:00    Lunch
- 13:00-13:30    General Q & A
- 13:30-17:00    Closed discussion by the WG member
- 18:30-21:00    Dinner (WG members and RIKEN Science council board members)
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**November 10 (Mon)**      *DAY 0 (RAC)*

- 18:30 - 19:00    Informal orientation for RAC members by **Rita R. Colwell**, Chair
- 19:00 - 21:00    Welcome Reception (buffet dinner)  
Introduction to RIKEN by **Maki Kawai**, RIKEN Executive Director

**November 11(Tue)      *DAY 1 (RAC)***

- 8:30-9:00      RAC Meeting (RAC members only)
- 9:00-9:10      Opening Remarks by **Ryoji Noyori**, RIKEN President  
Opening Remarks by **Rita R. Colwell**, Chair
- 9:10-9:50      Presentation by **Ryoji Noyori**, RIKEN President (40min.)  
9:50-10:10      Q&A (20min.)
- 10:10-10:15      “Response to the 8th RAC Recommendations” by **Maki Kawai**, RIKEN  
Executive Director (5min.)
- 10:15-10:25      “Response to the 2nd Administrative Advisory Council” by **Teruo Furuya**,  
RIKEN Executive Director (10min.)
- 10:25-10:35      Discussion 1 (10min.)
- 10:35-10:50      *Recess (15 min.)*
- 10:50-11:05      “RIKEN to become a National Research and Development Institute /  
Background of the renovation of Center for Developmental Biology” by  
**Hiroshi Tsuboi**, RIKEN Executive Director (15min.)  
11:05-11:15      Q&A (10min.)

**Comprehensive strength in the life sciences (Executive Director Tsuboi in charge) [Session 1-1]**

- 11:15-11:20      “Outline of the life science research centers in operation for more than ten  
years” by **Hiroshi Tsuboi**, RIKEN Executive Director (5min.)
- 11:20-11:35      Presentation by **Susumu Tonegawa**, Director of **Brain Science Institute**  
(15min.) \*
- 11:35-11:40      Q&A (5min.)
- 11:40-11:55      Presentation by **Yuichi Obata**, Director of **BioResource Center** (15min.) \*  
11:55-12:00      Q&A (5min.)
- 12:00-13:00      Lunch (60min)
- 13:00-13:15      Presentation by **Masatoshi Takeichi**, Director of **Center for Developmental**  
**Biology** (15min.) \*
- 13:15-13:20      Q&A (5min.)
- 13:20-14:20      Discussion 2 (60min.)

**Comprehensive strength in the life sciences (Executive Director Tsuboi in charge) [Session 1-2]**

- 14:20-14:25      “Strengthening the life science area in RIKEN and the expected roles by the

new life science research centers established in April, 2013, when the Third 5-year Plan implemented” by **Hiroshi Tsuboi**, RIKEN Executive Director (5min.)

- 14:25-14:40 Presentation by **Toshio Yanagida**, Director of **Quantitative Biology Center** (15min.)
- 14:40-14:45 Q&A (5min.)
- 14:45-15:00 *Recess (15 min.)*
- 15:00-15:15 Presentation by **Shigeo Koyasu**, Director of **Center for Integrative Medical Sciences** (15min.)
- 15:15-15:20 Q&A (5min.)
- 15:20-15:35 Presentation by **Yasuyoshi Watanabe**, Director of **Center for Life Science Technologies** (15min.)
- 15:35-15:40 Q&A (5min.)
- 15:40-16:00 Discussion 3 (20min.)
- 16:00-16:30 RAC Meeting 1 (RAC members only) (30 min.)

Cross-disciplinary research (Executive Director Kawai in charge) [Session 2]

- 16:35-16:40 “Framework of the Third Five-Year Term and proposal for implementation of cross-disciplinary research projects” by **Maki Kawai**, RIKEN Executive Director (5min.)
- 16:40-16:55 “Report of the Special RAC Working Group” by **Hajo Freund**, Chair for WG (15min.)
- 16:55-17:10 “Proposal for interdisciplinary research and the future direction dedicated to the life sciences” by **Shunsuke Ishii**, **Science Advisor** (15min.)
- 17:10-17:20 Presentation by **Akihiro Fujita**, Director of **Research Cluster for Innovation** (10min.)
- 17:20-17:50 Discussion 4 (30min.)
- 17:50-18:00 *Recess (10 min.)*
- 18:00-18:30 RAC Meeting 2 (RAC members only) (30min.)
- 19:00-21:00 RAC Formal Dinner (120min.)

\*Directors of research centers which have been operating for more than ten years

**November 12 (Wed) DAY 2 (RAC)**

Research centers in operation for more than ten years (Executive Director Tsuboi in charge)  
[Session 3]

- 9:00-9:05 “Research centers in operation for more than ten years and large research facilities” by **Hiroshi Tsuboi**, RIKEN Executive Director (5min.)
- 9:05-9:20 Presentation by **Hideto Enyo**, Director of **Nishina Center for Accelerator-Based Science** (15min.)\*
- 9:20-9:25 Q&A (5min.)
- 9:25-9:40 Presentation by **Tetsuya Ishikawa**, Director of **SPring-8 Center** (15min.)
- 9:40-9:45 Q&A (5min.)
- 9:45-10:00 Presentation by **Kimihiko Hirao**, Director of **Advanced Institute for Computational Science** (15min.)
- 10:00-10:05 Q&A (5min.)

Research Centers newly established in April 2013 (Executive Director Tsuboi in charge)

- 10:05-10:10 “Research Centers newly established in April 2013, when the Third 5-year Plan implemented” by **Hiroshi Tsuboi**, RIKEN Executive Director (5min.)
- 10:10-10:25 Presentation by **Yoshinori Tokura**, Director of **Center for Emergent Matter Science** (15min.)
- 10:25-10:30 Q&A (5min.)
- 10:30-10:45 *Recess (15 min.)*
- 10:45-11:00 Presentation by **Katsumi Midorikawa**, Director of **Center for Advanced Photonics** (15min.)
- 11:00-11:05 Q&A (5min.)
- 11:05-11:20 Presentation by **Kazuo Shinozaki**, Director of **Center for Sustainable Resource Science** (15min.)
- 11:20-11:25 Q&A (5min.)
- 11:25-12:00 Discussion 5 (35min.)
- 12:00-13:00 Luncheon meeting (RAC members only) (60min.)

Attracting international human resources (Executive Director Oeda in charge) [Session 4]

- 13:00-13:05 “Setting up a Strategic Brain Circulation System” by **Kenji Oeda**, RIKEN Executive Director (5min)

13:05-13:30 Discussion 6 (25min.)

Increasing opportunities of female scientists and administrative staff (Executive Director Furuya in charge) [Session 5]

13:30-13:35 “Proposal for increasing opportunity of female scientists and administrative employees” by **Teruo Furuya**, RIKEN Executive Director (5min.)

13:35-14:00 Discussion 7 (25min.)

For a leading institute (designated national research and development institution)

14:00-14:10 RIKEN as a Leading Institute (designated national research and development institution) by **Maki Kawai**, RIKEN Executive Director (10min)

14:10-15:00 Discussion 8 (50min)

15:00-15:15 *Recess (15 min.)*

15:15-15:45 RAC Meeting 3 (RAC members only) (30min.)

15:45-16:45 RAC Meeting 4 for report writing in separate groups (60min.)

Group 1: Comprehensive strength in the life sciences [Session 1]

Group 2: Cross-disciplinary research [Session 2]

Group 3: Research centers in operation for more than ten years [Session 3]

Group 4: Attracting international human resources [Session 4]

Group 5: Increasing opportunities of female scientist and administrative staff [Session 5]

16:45-17:00 *Recess (15 min.)*

17:00-18:00 RAC Meeting 5 (RAC Group chairs only) (60 min.)

19:00-20:30 Working Dinner (RAC members only) (90min.)

20:30- Report writing

\*Directors of research centers which have been operating for more than ten years

**November 13 (Thu)      *DAY 3 (RAC)***

- 8:00 - 8:30      RAC Chair Meeting (30min)  
Rita R. Colwell, Howard Alper, Colin Blakemore, Hidetoshi Fukuyama
- 9:20 -10:20      RAC Meeting 6 (RAC members only) (60min.)
- 10:30 -11:30      Closed Session (60min.)  
Rita R. Colwell, Howard Alper, Colin Blakemore, Hidetoshi Fukuyama  
Ryoji Noyori, Maki Kawai
- 11:30-12:00      RAC Chair Meeting (30min.)  
Rita R. Colwell, Howard Alper, Colin Blakemore, Hidetoshi Fukuyama
- 12:00-12:15      Photo shooting
- 12:15-13:15      Luncheon Meeting (RAC members only) (60min.)
- 13:15-14:15      Final Report from RAC to RIKEN (60min.)  
by Rita R. Colwell, Chair
- 14:15-14:20      Closing Remarks by Ryoji Noyori, RIKEN President