

# Program

## Day 1 Thursday, April 17

### 9:00-9:30 **Opening Remarks**

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#### Greeting

**Takuko Sawada**

*Chairman, Bioeconomy Hub Japan Committee*

#### Guest Speaker (Video)

**Fumio Kishida**

*Former Prime Minister of Japan, Member of the House of Representatives*

#### Outline of the Symposium

**Tsuneaki Sakata**

*Vice Chairman, Bioeconomy Hub Japan Committee*

### 9:30-12:30 **Session 1 : Environment**

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Moderator (Technical Director): Akihiko Kondo (Japan)

9:30

Speech by Moderator

Speakers

9:35

Bioeconomy for Human Wellbeing and Planetary Health

**Anthony Guy Capon (Australia)**

*Director, Monash Sustainable Development Institute, Professor of Planetary Health, Monash University*

10:00

The Social-Ecological Nexus of Water: Pursuing Global Water Sustainability in the Face of Climate Change and Technological Advancements

**Shahbaz Khan (Australia/China)**

*Director of the UNESCO Regional Office for East Asia*

10:25

Intermission

10:40

Wisdom for Our Coexistence the Planet

**Juichi Yamagiwa (Japan)**

*Director General, Research Institute for Humanity and Nature (RIHN)*

11:05

Endeavor and Challenges for Developing Biomanufacturing by Industry for Sustainable Planetary Health (Carbon Neutral / Circular Economy / Nature Positive)

**Noriyuki Mita (Japan)**

*Chief Sustainability Officer, Mitsubishi Chemical Group Corporation*

11:30

Panel Discussion

Panelists

The Role of Microbial Genomics in Addressing Marine Ecosystem Challenges

**Haruko Takeyama (Japan)**

*Professor, Faculty of Science and Engineering, Waseda University*

**Anthony Guy Capon (Australia)**

**Shahbaz Khan (Australia/China)**

**Juichi Yamagiwa (Japan)**

**Noriyuki Mita (Japan)**

12:30

**Lunch**

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13:00-14:10

**Startup Companies Introduction (Session Room)**

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13:00-14:30

**Poster Presentation (Poster Exhibition Area)**

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14:10-14:30

**Break**

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14:30-17:30 **Session 2 : Sustainable Food Systems**

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Moderator (Technical Director): Jun Ogawa (Japan)

14:30

Speech by Moderator

Speakers

14:35

Advancing Food Security and Nutrition Resilience Through Science-Driven Bioeconomy Strategies

**Máximo Torero Cullen (Italy)**

*Chief Economist, Food and Agriculture Organization of the United Nations (FAO)*

15:00

How the Bioeconomy Could Improve Human Health and the Environment

**David Tilman (USA)**

*Regents Professor and McKnight Presidential Chair in Ecology, University of Minnesota/  
Distinguished Professor, the Bren School of Environmental Science and Management, University of California Santa Barbara*

15:25

The Journey of Genome-Edited Crops from the Lab to the Consumer

**Hiroshi Ezura (Japan)**

*Professor, Institute of Life and Environmental Sciences, University of Tsukuba*

15:50

Intermission

16:05

The Future of Sustainable Agri-Food Systems from an Industry Perspective

**Shigeo Nakamura (Japan)**

*Representative Executive Officer, President & Chief Executive Officer (CEO), Ajinomoto Co., Inc.*

16:30

Panel Discussion

Panelists

Considerations in Promoting Food Products (such as Cultivated Meat) through Foodtech

**Megumi Avigail Yoshitomi (Japan)**

*President, Japan Association for Cellular Agriculture*

**Máximo Torero Cullen (Italy)**

**David Tilman (USA)**

**Hiroshi Ezura (Japan)**

**Shigeo Nakamura (Japan)**

## Day 2 Friday, April 18

### 9:00-12:00 **Session 3 : Global Health**

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Moderator (Technical Director): Tsuneaki Sakata (Japan)

9:00

Speech by Moderator

Speakers

9:05

A New Era in Global Health and the Role of Innovation

**Peter Karel Piot (UK/Belgium)**

*London School of Hygiene & Tropical Medicine, U.K.; Former Special Advisor to EC President von der Leyen on Health Security, Brussels, Belgium*

9:30

A Systems Approach to Climate and Health

**Montira Pongsiri (USA)**

*Lead Advisor, Climate Change and Health Department of Global Health, Save the Children*

9:55

Advancing Sustainability Through Medical AI and Data Utilization

**Satoshi Kodera (Japan)**

*Lecturer, Department of Cardiovascular Medicine, The University of Tokyo Hospital*

10:20

Intermission

10:35

Contributing to the Health of People Worldwide by Leveraging Japan's Capabilities in Fundamental Science and Drug Development

**Norikazu Eiki (USA/Japan)**

*President, Eiki Consulting, LLC*

11:00

## Panel Discussion

Panelists

### Academia's Key Role in Achieving Planetary Health

**Michiko Muraki (Japan)**

*Associate Professor, Office of Management and Planning, Osaka University*

**Peter Karel Piot (UK/Belgium)**

**Montira Pongsiri (USA)**

**Satoshi Kodera (Japan)**

**Norikazu Eiki (USA/Japan)**

12:00

## Lunch

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12:30-13:20

## Startup Companies Introduction (Session Room)

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12:30-14:00

## Poster Presentation (Poster Exhibition Area)

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13:20-14:00

## Break

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14:00-16:15

## Summary

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Moderator (Program Director): Tsuneaki Sakata (Japan)

14:00

## Comments from Panelists

Panelists

**Anthony Guy Capon (Australia)**

**Shahbaz Khan (Australia/China)**

**Juichi Yamagiwa (Japan)**

**Noriyuki Mita (Japan)**

**Máximo Torero Cullen (Italy)**

**David Tilman (USA)**

**Hiroshi Ezura (Japan)**

**Peter Karel Piot (UK/Belgium)**

**Montira Pongsiri (USA)**

**Satoshi Kodera (Japan)**

**Norikazu Eiki (USA/Japan)**

**Haruko Takeyama (Japan)**

**Megumi Avigail Yoshitomi (Japan)**

**Michiko Muraki (Japan)**

15:15

Discussion with Audience

15:45

Comments from Directors

Program Director

**Tsuneaki Sakata (Japan)**

Technical Directors

**Akihiko Kondo (Japan)**

**Jun Ogawa (Japan)**

16:15

**Closing Remarks**

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16:15

Announcements

16:25

Closing Remarks

**Osamu Nagayama**

*Vice-Chairman, Bioeconomy Hub Japan Committee*