

A3 Foresight Joint Meeting in OIST

Project 1.

The mechanism of cellular senescence in aging and chronic diseases: exploration of senescence biomarkers and target molecules for therapeutic potential.

Coordinated by Naoko Ohtani, Mei Tian, and Jaewhan Song

Project 2.

Elucidation of fundamental mechanisms of cellular senescence targeting age-related pathology.

Coordinated by Akiko Takahashi, Weiqi Zhang, and Lee Sung-bae

Location : OIST (Okinawa, Japan)

**Organizer: Akiko Takahashi (JFCR/The University of Tokyo)
& Keiko Kono (OIST)**

2026

1.23(Fri) → 1.25(Sun)

Acknowledgments

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日本学術振興会



A3 Foresight Program

日中韓フォーサイト事業

This work was supported by JSPS A3 Foresight
Program

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**Photography and audio/visual recording are prohibited
in all talks and poster presentations at this conference.**



No smoking on the campus.

Wi-Fi ID: OIST-Public

Conference Information

Dear Friends and Colleagues,
Welcome to the A3 Foresight Joint meeting in OIST, Japan!

Dates of the Conference

Jan 23 – 25, 2026

On Friday, Jan 23, 2026, registration will open at 13:00 and the meeting will begin at 13:30.

Venue

OIST Auditorium Hall



Okinawa Institute of Science and Technology
1919-1 Tancha, Onna-son, Kunigami-gun
Okinawa, Japan 904-0495

Language

The official language of the A3 Foresight will be English

Weather

Okinawa averages a daily maximum temperature for Jan around 70 degrees Fahrenheit (25 degrees Celsius).

The minimum temperature is usually around 60°F (18°C).

Currency Information

The official currency of Okinawa, Japan is the Japanese yen.

Notes: ¥10,000, 5,000, 1,000

Coinage: ¥500, 100, 50, 10, 5, 1

Local Time

All times listed observe the 24-hour clock in JST (Japan Standard Time).

Emergency Number

For ambulance and fire, dial 119, and police dial 110.

Presentations

Talks (Talk + Q&A, Total 20 min)

Poster Flash Talks (2 min talk)

Please hand your presentation data (USB or laptop) to staff before the session.

Poster presentations

Please prepare a 841mm (width) x 1189mm (height) (A0 size) poster.

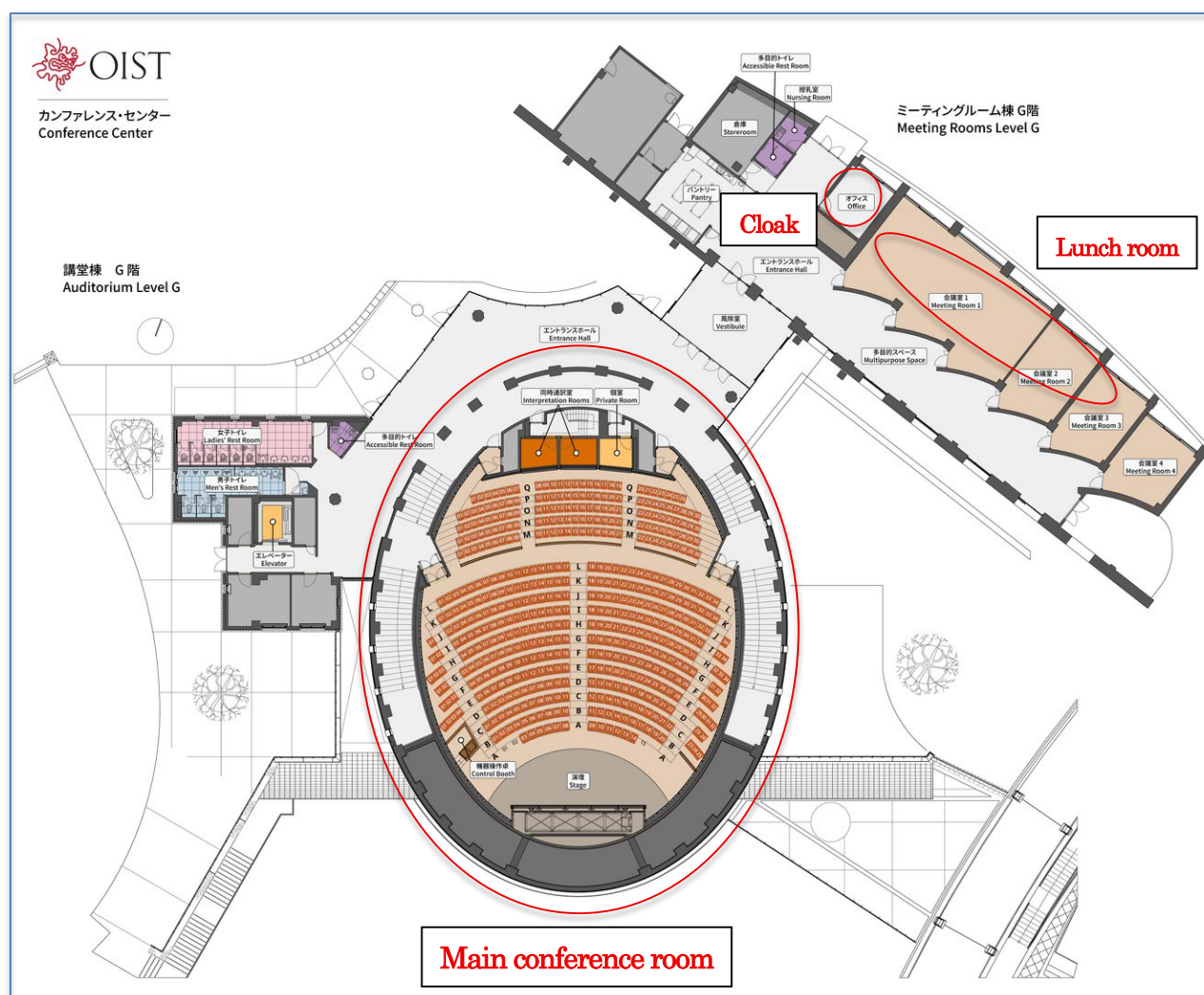
Poster awards

Awardees will be chosen by vote.

Please select 5 poster presentations from the QR code by the end of second day.

Awards and gifts will be given at the end of the meeting.

QR code for Voting



Access / Transportation

OIST (Okinawa Institute of Science and Technology)

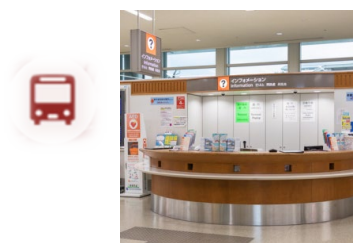
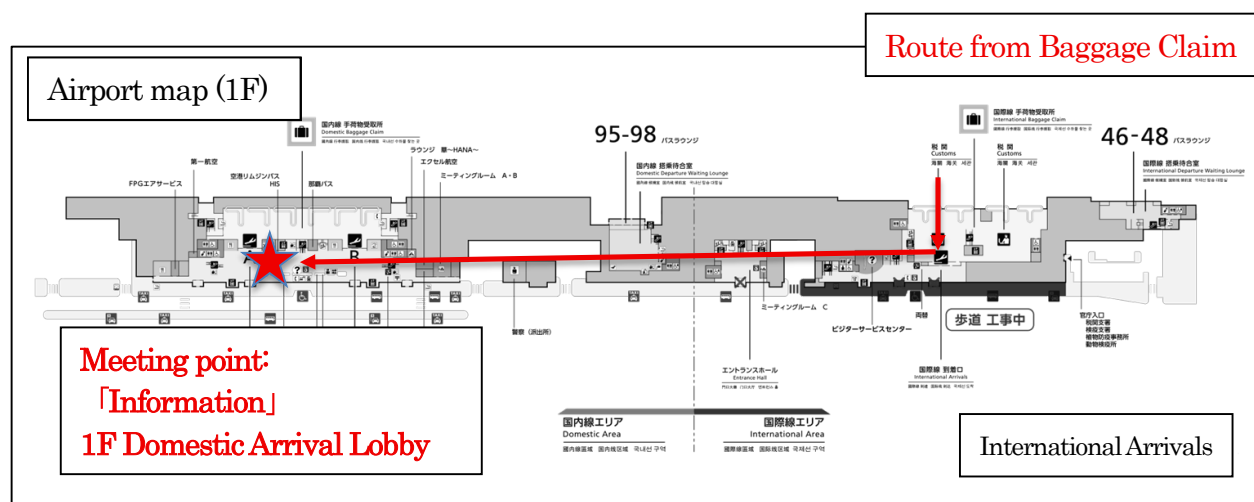
Address: 1919-1 Tancha, Onna-son, Kunigami-gun, Okinawa, 904-0495, Japan

(In Japanese: 〒904-0495 沖縄県国頭郡恩納村字谷茶 1919-1)

Shuttle Bus from Naha Airport

We have a few shuttle bus for this conference for access from Airport to OIST, OIST to Airport, and OIST to Hotel.

Shuttle Bus Meeting Point at Naha Airport (Information at domestic arrival lobby)



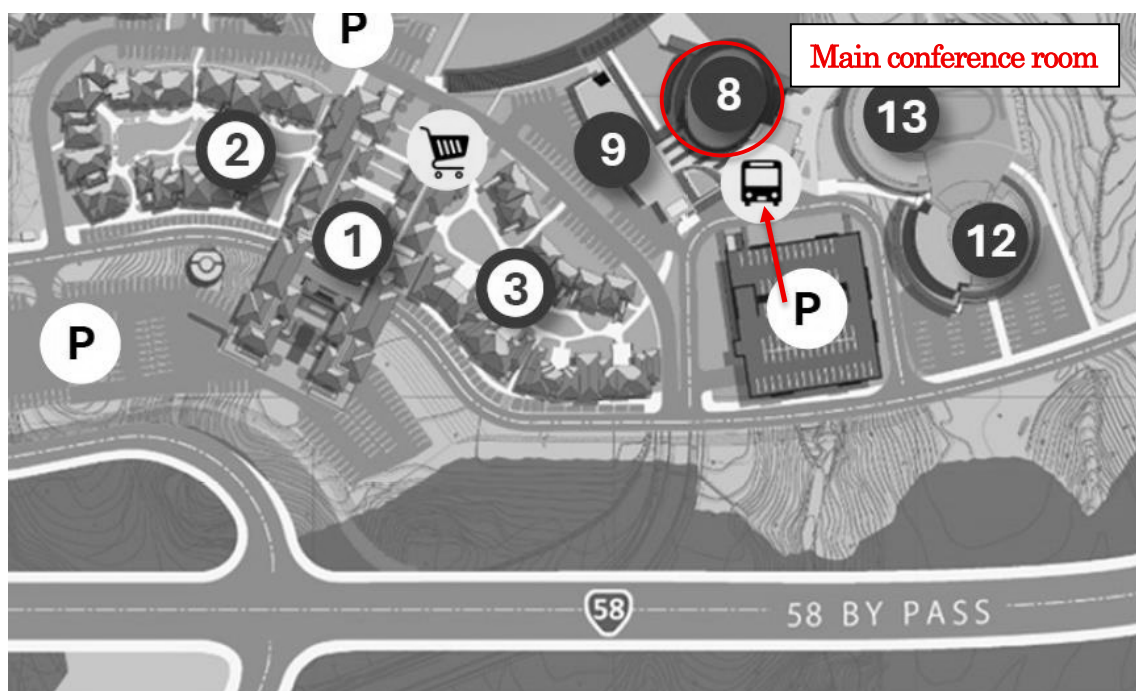
< Shuttle Bus Departure Time from Naha Airport >

1. Jan 22, 14:30 Naha Airport to Rizzan Sea-Park Hotel at Tancha Bay
2. Jan 22, 18:30 Naha Airport to Rizzan Sea-Park Hotel at Tancha Bay
3. Jan 23, 11:30 Naha Airport to OIST

The bus will depart at the time indicated above, so please be punctual and arrive at the meeting point on time.

If you cannot find the meeting place, please call Yamauchi (817036006555) or Ito (817085742095).

<Shuttle Bus Meeting Point at OIST>



< Shuttle Bus Departure Time from OIST>

1. Jan 25, 12:30 OIST to Naha Airport
2. Jan 25, 12:30 <Korea A team> OIST to Hotel
3. Jan 26, 11:00 <Korea A team> Hotel to Naha Airport

<Hotel Information for Rizzan Sea-Park Hotel at Tancha-Bay>

Web: <https://www.rizzan.co.jp/>

Address: 904-0496, 1496 Tancha, Onna Village, Kunigami, Okinawa, Tel +81 98-964-6611

Networking Discussion room is located at 2F Keitaino-ma. (Free)

Service Station:

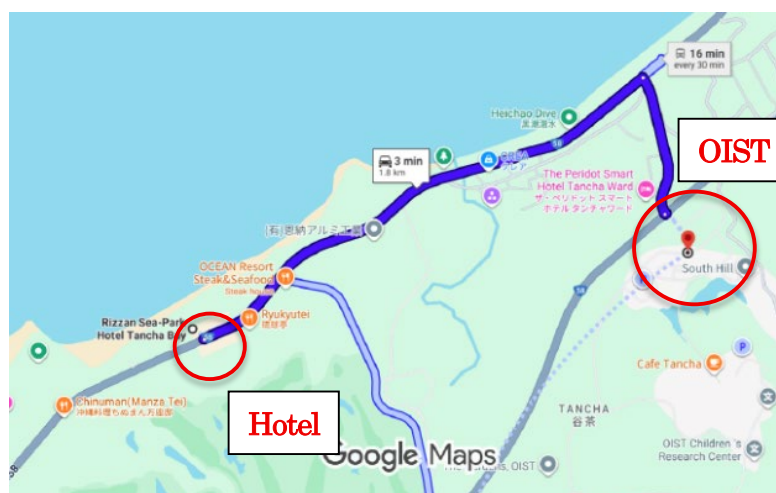
- Coin Laundry and dryers
- Ice machine
- Drink vending machine
- Free wifi

Dining:

Rizzan has 5 restaurants.

- Japanese
- Western
- Chinese
- BBQ etc

https://www.rizzan.co.jp/english/restaurant_index.html



[Mapcode navigation system]

Enter code 206 159 202*17 as the destination into your car navigation system.

*MAP CODE is a registered trademark of Denso Corporation



Taxi from Naha Airport

Taxis are a very convenient way to travel across the island. From Naha Airport, you can take any taxi from the "long distance taxi stand" at the Arrival Terminal. Please print out the map with the address of your destination and show it to the driver.

From Naha Airport, taxi fare can cost from 8,000 to 12,000 JPY. From Ishikawa IC to OIST, it is about 1,600 JPY. From northern areas like Nago and Motobu, it depends on the distance.

For more information on the location of the "long distance taxi stand", please visit the Naha Airport (external link) official website.

Taxi drivers usually do not speak English. In order to make sure you get to OIST readily and efficiently, show the taxi driver the OIST Access Japanese website the university's address:

<https://www.oist.jp/ja/campus/access-map>



Access by car

Main Campus by Car

Via Okinawa Expressway (50-60 min from Naha Airport)

From Naha Airport follow the signs to the Okinawa Expressway

Exit the toll road at Exit Number 7 ("YAKA (屋嘉)")

Turn left at the T-junction after passing the toll booth.

Go through the tunnel.

Turn left at the first traffic light, the "Onna (East)" intersection.

Go down the hill, past Akama Sports Park, and turn left at the first traffic light onto the South Onna Bypass.

About 2km down the road, turn left at the first traffic light to enter the OIST campus.

*This route has tolls

Via Route 58 (60-80 min from Naha Airport)

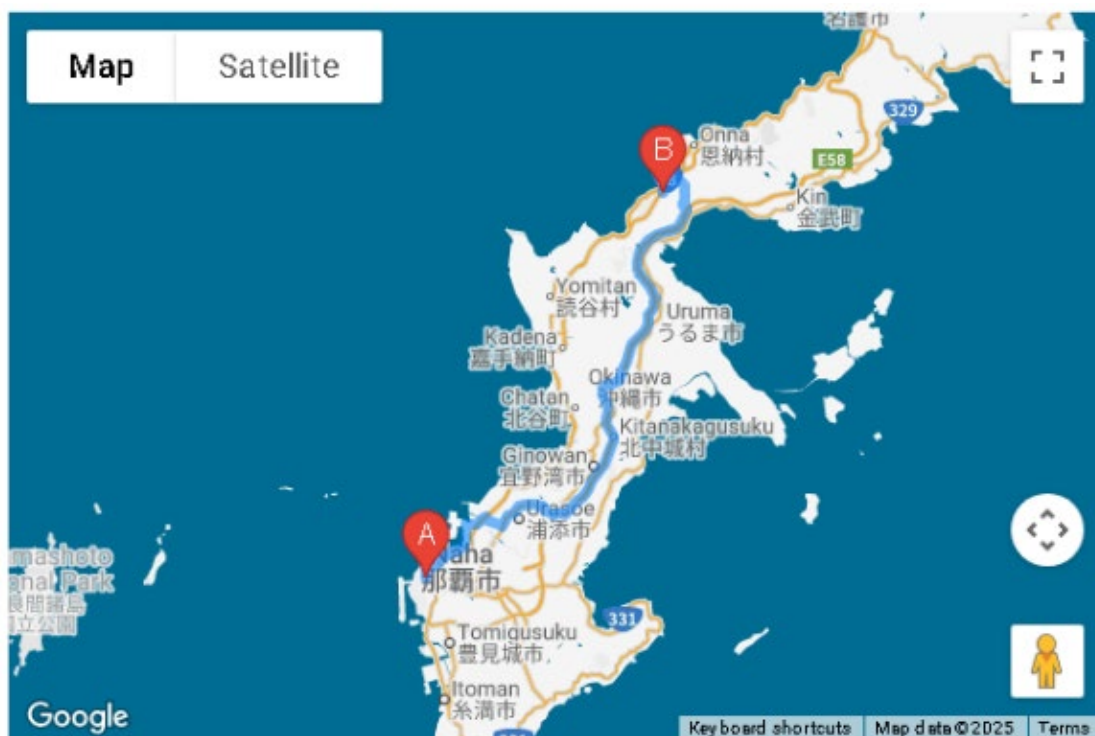
From Naha Airport travel north on Highway 58

At the intersection "Nakadomari", there are two roads intersecting route 58.

At the "Nakadomari" intersection, take the "South Onna Bypass" by turning right onto the road branching at a 45-degree angle northward from route 58.

Turn right 4km down the road, at the first traffic light, where you can see the letters "OIST" on the wall at the base of a hill.

*Duration depends heavily on traffic and time of day



Special Event

OIST tour

Saturday, Jan 24, 2026

12:50 – 13:50 (A team: 12:50-13:20, B team; 13:20 – 13:50)

Introduce the institute of OIST

A team tourist

Shunya Tsuji	A-1
Ysunori Fujita	
Shohei Ogamino	
Hikari Ukawa	
Kota Abe	
Ayami Takaochi	
Tomomi Niwa	
Takuya Yamamoto	

Joyeong Kim	A-2
Sohui-Choe	
Jinho Seo	
Danbi An	
Kwang-Pyo Lee	
Jae Won Yang	
Min Ju Kim	
Yong Ryoul Yang	
Seonhyeok Hwang	
Joyeong Kim	

Lin Xie	A-3
Ming-Rong Zhang	
Sunyang YING	
Yingqi Xue	
Dongryeol Ryu	
Mei Tian	
Hyein Park	
Sun Yong Jeong	
Yong-ho Lee	
Yeseong Hwang	

B team tourist

Atsushi Shibata	B-1
Mayu Oyake	
Daiki Unami	
Haruto Imai	
Haruka Saito	
Shu Hashimoto	
Masakatsu Yamashita	
Miyuki Miyake	
Junpei Suzuki	
Beisuyumi Tamura	
Akihide Takeuchi	
Motoyasu Hosokawa	

Young-Sam Lee	B-2
Hyeon Jun Park	
Suah Lee	
Eun-Woo Lee	
Min Wook Kim	
Woosung Jung	
Jinsoo Seo	
Hyein Lee	
Jaewoo Seok	
Ok Hee Jeon	
Dong Hyun Jang	
Ji-Won Shin	

Chanhee Kang	B-3
Soyeon Kim	
Chaerim Kim	
Jin-Hong Kim	
Geunho Yook	
Sangmin Yong	
Rui Yue	
Jianfang Wang	
Yanhua Xu	
Yuanyuan Zhao	
Qiaoling Zhu	
Dandan Cao	
Lei Zhang	

Program schedule

	2026-01-23	2026-01-24	2026-01-25
9:00	11:30 Bus departure (from Airport to OIST) 12:20 Bus departure (from Hotei to OIST)	Session 3	Session 5
10:00		Coffee break	
		Poster Flash Talk (2 min) No.1 ~ No.25	Coffee break
11:00		Coffee break	Session 6
		Poster Flash Talk (2 min) No.26 ~ No.51	
12:00		Lunch & Poster Viewing	Poster Award & Closing Remarks
		OIST Tour Team A	12:30 Bus departure (from OIST to Airport or Hotel)
13:00		OIST Tour Team B	
	Opening remarks		
14:00	Session 1	PHC seminar	
	Coffee break	Coffee break	
15:00	Session 2 (ZOOM)	Session 4	
16:00	Group Photo	Poster presentation & Vote for the Poster Award	
	Coffee break		
17:00	OIST Seminar		
18:00	17:40 Bus departure (from OIST to Hotel)	17:40 Bus departure (from OIST to Hotel)	
19:00	Dinner	Dinner	
20:00	Networking Discussion	Networking Discussion	
21:00	Rizzan Sea-Park Hotel at Tancha Bay	Rizzan Sea-Park Hotel at Tancha Bay	
	2F Keitaino-ma	2F Keitaino-ma	
22:00			

<1st Day> 23 January

12:30 Registration Open

13:00 Opening Remarks Akiko Takahashi (JFCR / The University of Tokyo)

13:40 - 14:40 Session 1 Chair: Fumiya Ito (JFCR)

13:40 **Bin Ji** Fudan University (China A)
Cellular senescence in the animal models with β -amyloid and tau pathologies

14:00 **Yong-ho Lee** Yonsei University College of Medicine (Korea A)
The role of cellular senescence in metabolic dysfunction-associated steatohepatitis

14:20 **Motoshi Hayano** Keio University (Japan B)
Epigenetic Regulation of Postnatal Aging

14:40 - 15:00 Coffee Break

15:00 - 16:00 Session 2 (ZOOM) Chair: Shota Yamauchi (JFCR)

15:00 **Weiqi Zhang** Chinese Academy of Science (China B)
Deciphering Aging Mechanisms and Developing Interventions Based on Aging Clocks

15:20 **Zhiyong Mao** Tongji University (China B)
CHK2-USP37 axis stabilizes FOXO4 to sustain senescence and evade apoptosis

15:40 **Ping Hu** Guangzhou Laboratory (China B)
Muscle stem cells regulate systematic aging by metabolite mediated epigenetic landscape remodeling

16:00 Group Photo

16:10 - 16:30 Coffee Break

16:30-17:30 OIST Seminar Chair: Keiko Kono (OIST)

16:30 **Akiko Takahashi** JFCR / The University of Tokyo
Therapeutic Potential of Targeting Metabolic Dysregulation in Senescent Cells

17:00 **Naoko Ohtani** Osaka Metropolitan University
Senescent CAF-derived secretome in the MASLD-associated liver tumor microenvironment

17:40	Bus departure (from OIST to Hotel)
18:10-20:00	Dinner
20:00~22:00	Networking Discussion at Rizzan Sea-Park Hotel at Tancha Bay (2F Keitaino-ma)

<2nd Day> 24 January

8:30 Bus departure (from Hotel to OIST)

9:00-10:00 Session 3 Chair: Tze Mun Loo (JFCR)

9:00 **Kota Abe** **RIMD, Osaka University** **(Japan A)**
Identification of metabolic and genetic factors governing systemic aging by inter-strain comparison of an ultra-short-lived vertebrate

9:20 **Takuya Yamamoto** **Kyoto University** **(Japan A)**
In Vivo Profiling of Primary and Secondary Senescence

9:40 **Seung-Jae V. Lee** **KAIST** **(Korea A)**
The role of RNA homeostasis in aging and longevity

10:00 - 10:20 **Coffee Break**

10:20 - 11:10 Poster Flash Talk (No.1~No.25)

11:10 - 11:20 **Coffee Break**

11:20 - 12:20 Poster Flash Talk (No.26~No.51)

12:20 - 13:50 Lunch & Poster Viewing and OIST Tour

12:50 - 13:20 OIST tour team A

13:20 - 13:50 OIST tour team B

13:50-14:20 PHC Seminar (Japanese) Chair: Rei Kudo (JFCR)

Yusuke Kobayashi, Ph.D.

Senior Manager of Scientific Support & New Business Development Group,
Marketing Department, Biomedical Division, PHC corporation

Business Development and Product Portfolio in the Cell and Gene Therapy

Introduction of Live Cell Metabolic Analyzer LiCellMo™ and ExPERT™ Electroporation System

14:20 - 14:40 **Coffee Break**

14:40-16:00 Session 4**Chair: Xiangyu Zhou (The University of Tokyo/JFCR)**

- 14:40 **Yong-Sam Lee** **DGIST** **(Korea B)**
Identification and characterization of a transcription factor regulating cell cycle in senescent cells
- 15:00 **Jinsoo Seo** **Yonsei University** **(Korea B)**
Early Differentiation in Alzheimer's Disease Neural Progenitor Cells Leads to Neuronal immaturity
- 15:20 **Atsushi Shibata** **Keio University** **(Japan B)**
Requirement of higher-order chromatin organization in DNA double-strand breaks repair
- 15:40 **Akihide Takeuchi** **Ehime University** **(Japan B)**
SFPQ Coordinates a Multi-Dimensional Regulatory Network for Extra-Long Genes with implications for Aging

16:00-17:20 Poster presentation & Vote for the Poster Award**17:40 Bus departure (from OIST to Hotel)****18:10-20:00 Dinner**

20:00~22:00 Networking Discussion
at Rizzan Sea-Park Hotel at Tancha Bay (2F Keitaino-ma)

<3rd Day> 25 January

8:30 Bus departure (from Hotel to OIST)

9:00-10:20 Session 5 Chair: Takao Fujisawa (The University of Tokyo)

9:00 **Rui Yue** **Tongji University** **(China B)**
Identification of novel skeletal stem/progenitor cells in the perichondrium

9:20 **Ok Hee Jeon** **Korea University College of Medicine** **(Korea B)**
Unlocking Female Reproductive Longevity: The Role of Cellular Senescence in Ovarian Aging

9:40 **Chanhee Kang** **Seoul National University** **(Korea B)**
Multi-layered regulation of the senescence-associated inflammation

10:00 **Jin-Hong Kim** **Seoul National University** **(Korea B)**
The metabolic foundations of senescence-associated secretory phenotypes in osteoarthritis

10:20-10:40 **Coffee break**

10:40-11:40 Session 6 Chair: Nami Yamashita (JFCR)

10:40 **Lin Xie** **QST** **(Japan A)**
A Novel mGluR1-Targeted Radiotheranostic Strategy for Lesion Imaging and Tumor Control in Melanoma and Pancreatic Cancer

11:00 **Dongryeol Ryu** **GIST** **(Korea A)**
AMPEX, A Novel Myokine, Protects Skeletal Muscle From Aging and Supports Whole-Body Healthy Aging

11:20 **Juewon Kim** **Konkuk University** **(Korea A)**
SOD1-MMP-2-COLXVII axis: a therapeutic strategy for age-related tissue degeneration

11:40-12:10 Poster Award & Closing Remarks

12:30 Bus departure (from OIST to Airport or Hotel)

Please collect your poster before departure. Any posters left behind will be discarded.