

ACGG2026 Joint AGS

15TH ASIAN COMMUNITY OF GLYCOSCIENCE
AND GLYCOTECHNOLOGY (ACGG) CONFERENCE
AND 7TH AUSTRALASIAN GLYCOSCIENCE SYMPOSIUM (AGS)

PROGRAM

October 3–6, 2026

Common Auditorium of AIST Tsukuba Central,
Tsukuba, Japan



Direct access
from Akihabara, Tokyo!

Welcome from the Organizers

It is our great pleasure to welcome you to the 15th Asian Community of Glycoscience and Glycotechnology (ACGG 2026), which will be held as a joint meeting with the 7th Australasian Glycoscience Symposium (AGS) from October 3rd to 6th, 2026, at the National Institute of Advanced Industrial Science and Technology (AIST) in Tsukuba, Japan.

Since its inception in Tsukuba in 2009, ACGG has grown into a unique international platform that fosters collaboration and knowledge exchange among glycoscience researchers across Asia. The first meeting brought together researchers from five countries, and through annual meetings (except during the pandemic), the community has expanded to include participants from more than 11 countries. Over the years, ACGG has played a central role in advancing glycoscience through open and collegial interactions in Asia.

ACGG 2026 represents an important turning point for the community, as it moves beyond its second full cycle of meetings and enters a new phase of development. This meeting is not only a continuation of our tradition but also a step toward the next stage of ACGG, aiming to strengthen international collaboration, promote interdisciplinary integration, and highlight the societal impact of glycoscience.

This joint meeting will bring together researchers from Asia and Oceania, creating a unique platform for cross-regional exchange and fostering a broader international glycoscience community.

Under the conference theme

“Interactive, Integrative, and More!”

we aim to encourage active discussions, cross-disciplinary integration, and forward-looking perspectives that go beyond conventional academic boundaries.

The meeting will include plenary and invited lectures, poster presentations, and opportunities for industry engagement, with a particular emphasis on supporting early-career researchers and fostering interactive discussions across disciplines.

We place particular emphasis on providing opportunities for early-career researchers and students to present their work and engage in international dialogue. We believe that empowering the next generation is essential for the continued development of glycoscience.

Tsukuba, known as Japan's leading science city, provides an ideal environment for this meeting. Hosting ACGG 2026 at AIST also symbolizes our commitment to bridging fundamental research and real-world applications. We sincerely hope that ACGG 2026 will serve as a vibrant platform for scientific exchange, collaboration, and inspiration, and we look forward to welcoming you to Tsukuba.

With warm regards,
The Organizing Committee

Organizers

ACGG COMMITTEE

Country	Name	Organization
China	Hongzhi Cao	School of Medicine and Pharmacy, Ocean University of China
	*Kan Ding	University of Chinese Academy of Sciences
	Xiaodong Gao	State Key Laboratory of Biochemical Engineering, Institute of Process Engineering
Hong Kong	*Xuechen Li	University of Hong Kong
	John Nicholls	University of Hong Kong
India	*Siva Kumar Nadimpalli	University of Hyderabad
	Avadhesha Surolia	Indian Institute of Science
	Musti J. Swamy	University of Hyderabad
Indonesia	*Ni Nyoman Tri Puspaningsih	Universitas Airlangga
	Titi Candra Sunarti	IPB University
	Azis Boing Sitanggang	IPB University
Japan	Yasuhiro Kajihara	The University of Osaka
	*Atsushi Kuno	National Institute of Advanced Industrial Science and Technology (AIST)
	Kazuya Kabayama	The University of Osaka
Korea	Yong-Sam Kim	Korea Research Institute of Bioscience and Biotechnology (KRIBB)
	Sunghoon Kim	Korea Research Institute of Bioscience and Biotechnology (KRIBB)
	*Hyun Joo An	Chungnam National University
Malaysia	*Mukram Mohamed Mackeen	Universiti Kebangsaan Malaysia
	Nur Maisarah Sarizan	Universiti Teknologi MARA
	Muhamad Iqbal Jalaludin	Universiti Teknologi Malaysia
Singapore	*Zhiwei Song	Bioprocessing Technology Institute, A*STAR
	Xuwei Liu	Nanyang Technological University
	Zaher Judeh	Nanyang Technological University
Taiwan	*Chuan-Fa Chang	National Cheng Kung University
	Chun-Hung Lin	Academia Sinica
	Shih-Hsiung Wu	Academia Sinica
Thailand	Sopit Wongkham	Khon Kaen University
	*Atit Silsirivanit	Khon Kaen University
	Sutas Suttiwapa	Khon Kaen University
Viet Nam	*Do Thi Thao	Can Tho University of Medicine and Pharmacy

* Country representative

ORGANIZING COMMITTEE

Conference chair: Atsushi Kuno (AIST)

Co-chair: Yasuhiro Kajihara (The University of Osaka)

Co-chair: Kazuya Kabayama (The University of Osaka)

Co-chair: Morten Thaysen-Andersen (Macquarie University)

ACGG Office: Kiyohiko Angata (Soka University)

Local Organizing Committee: Chiaki Nagai-Okatani (AIST)

On-Site Information

REGISTRATION DESK

Registration will open at 11:00 on Saturday, October 3. The registration desk will be located at the 1st-floor entrance of the Auditorium. Registration will be available at any time during the conference.

All participants must complete registration and collect their conference badge at the registration desk. Participants who reserved lunch boxes during advance registration should also collect their lunch vouchers at the registration desk.

Participants attending the Jamboree, which begins at 10:00 on Saturday, October 3, will complete early registration during the Jamboree. Please follow the instructions provided by the on-site staff.

BADGES & SECURITY

For security reasons, and for catering purposes, please ensure that you wear your conference badge throughout the conference.

Replacements for lost badges are available from the registration desk.

Replacements for lost bags will unfortunately not be available; please do not leave either your booklet or your delegate bag unattended at the conference at any time.

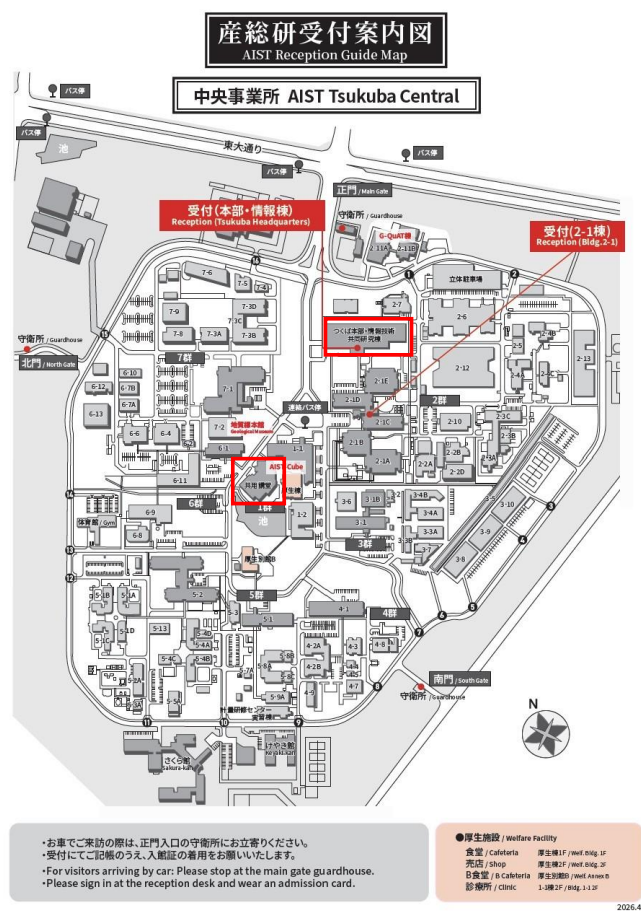
CONFERENCE SESSION LOCATIONS

The conference will be held mainly at two venues: the Auditorium and the 1st floor of the Headquarters and Information Technology Collaborative Research Center (Information Building). Locations for sessions and poster presentations are as follows:

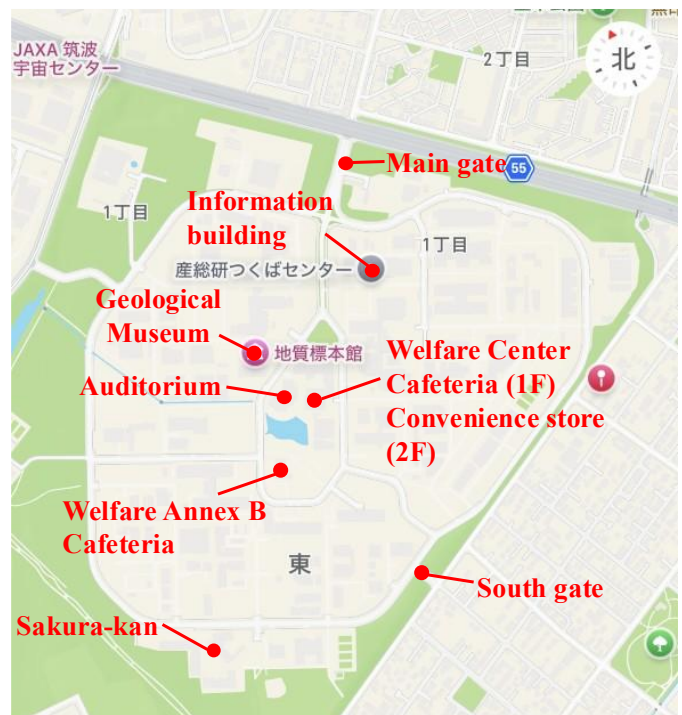
- **Conference sessions:** Main Hall, Auditorium; Net Working Room, 1st floor, Information Building. The Net Working Room will also be used as a satellite viewing room for selected sessions.
- **Poster sessions:** Poster Rooms, Auditorium
- **Jamboree:** Meeting Rooms, Auditorium; Conference Rooms 1 and 2, 1st floor, Information Building, as satellite rooms

Please note: On Saturday, October 3, and Sunday, October 4, only the Main Gate will be open. Please use the Main Gate when entering the AIST site on these dates.

● General Layout of the Venue



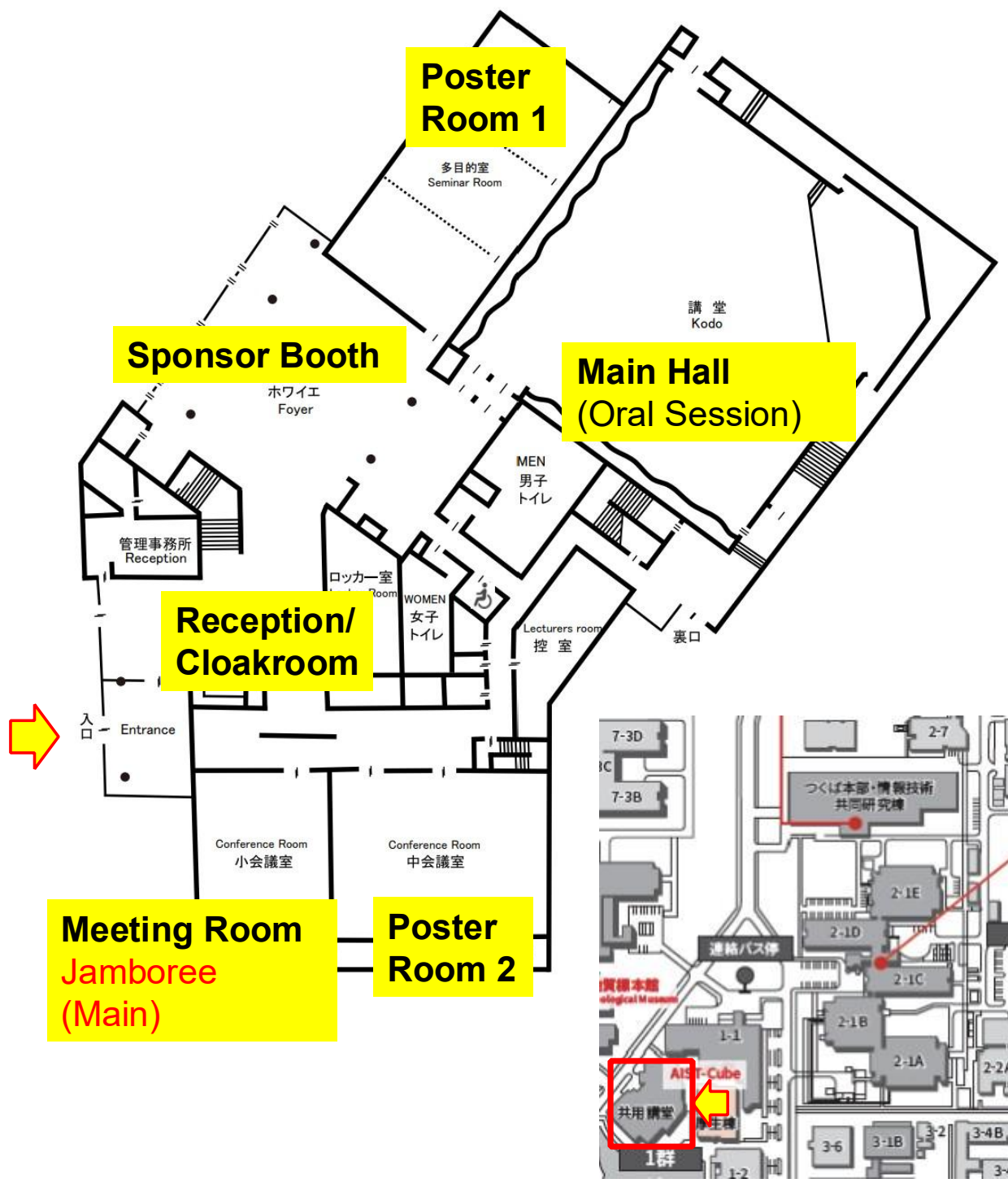
AIST Campus in Apple Maps (iOS)



Apple Maps shows more detailed building outlines than Google Maps. Use it to check your current location and compare nearby buildings with the AIST campus map.

● Layout of the Auditorium

共用講堂
Auditorium



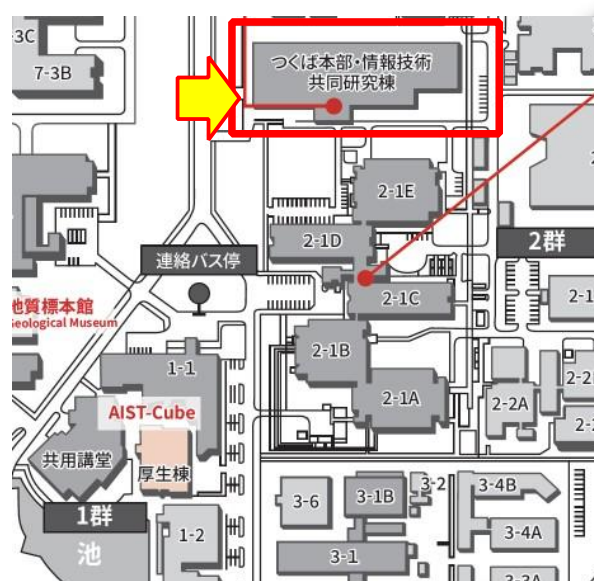
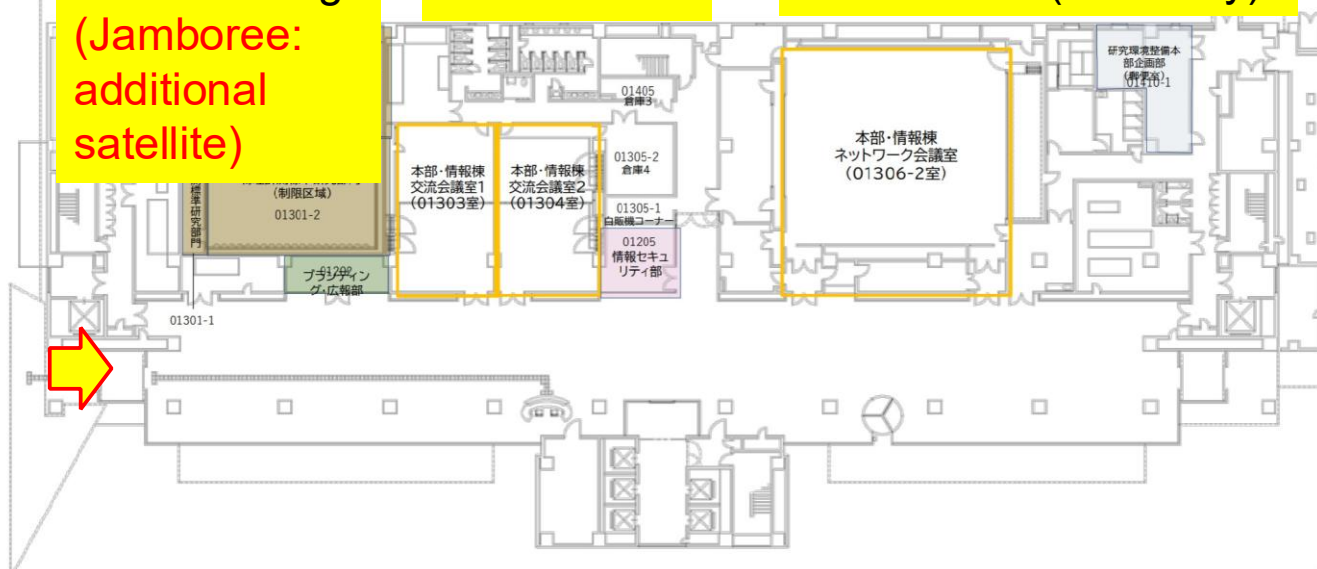
Building)

**Headquarters and Information Technology
Collaborative Research Center (Information Building)
1F**

10/4: Lunch
SCM meeting
AGS meeting
(Jamboree:
additional
satellite)

Jamboree
(satellite)
10/4: Lunch

Net Working Room
(Oral Session)/
Cloakroom (10/3 only)

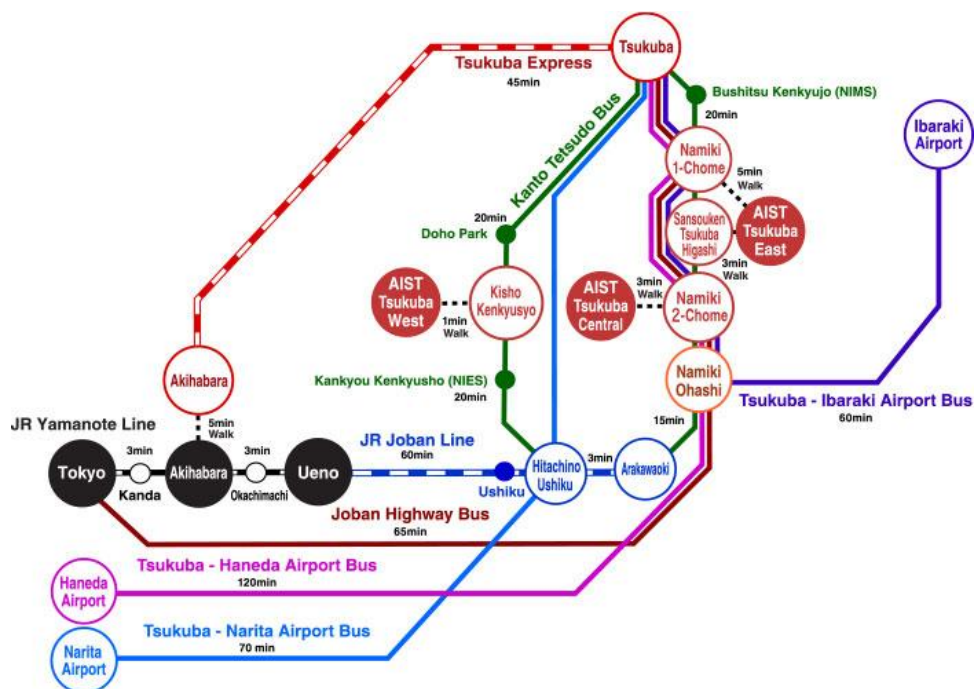


Access

● Guide Map



● Traffic Guide



Address: 1-1-1 Umezono, Tsukuba, Ibaraki 305-8560, Japan

Telephone: +81-29-861-2000

TRAIN

USING TSUKUBA EXPRESS (TX)

From Akihabara Station, take the Tsukuba Express rapid service, which takes approximately 45 minutes, or the semi-rapid service, which takes approximately 52 minutes, and get off at Tsukuba Station. Tsukuba Station is adjacent to the Tsukuba Center Bus Terminal. Use Exit A3 for public transportation and shuttle buses.

From Tsukuba Center Bus Terminal, participants may take a public bus, taxi, AIST shuttle bus, or the special conference shuttle bus.

1. Public bus

From platform 4 at Tsukuba Center Bus Terminal, take a Kanto Tetsudo bus bound for “Arakawaoki Station West Exit via Namiki” or “Ami Chuo Kominkan.” Get off at “Namiki 2-chome” and walk approximately 3 minutes to AIST Tsukuba Central.

2. Taxi

Taxis are available at Tsukuba Center Bus Terminal. The ride to AIST Tsukuba Central takes approximately 15 minutes and costs about 1,500 yen.

If you have difficulty communicating with the taxi driver in Japanese, please show the following sentence:

産業技術総合研究所つくばセンター・つくば中央までお願いします。

(Please take me to AIST Tsukuba Central.)

3. AIST shuttle bus (operated on weekdays)

The free AIST shuttle bus departs from the private bus platform at Tsukuba Center Bus Terminal. It stops at AIST Tsukuba West and AIST Tsukuba East before arriving at AIST Tsukuba Central. Please note that the shuttle buses are small vehicles and may not be able to accommodate all visitors.

> [“Timetable of AIST Shuttle Bus”](#)

4. Special conference shuttle bus

A special conference shuttle bus will operate during the conference period. The shuttle will stop only at Tsukuba Station, Hotel JAL City Tsukuba, and AIST Tsukuba Central. Details will be announced later.

USING JR JOBAN LINE

From Ueno Station, take the JR Joban Line to Arakawaoki Station. The journey takes approximately 60 minutes. Please use the West Exit.

1. Public bus

From platform 4 at Arakawaoki Station, take a Kanto Tetsudo bus bound for “Tsukuba Daigaku Chuo” or “Tsukuba Center via Namiki.” Get off at “Namiki 2-chome” and walk approximately 3 minutes to AIST Tsukuba Central.

2. Taxi

Taxis are available at Arakawaoki Station. The ride to AIST Tsukuba Central takes approximately 15 minutes.

BUS

USING HIGHWAY BUSES

From the JR Highway Bus Terminal at Tokyo Station, take a highway bus operated by JR and Kanto Tetsudo bound for “Tsukuba Center” or “Tsukuba Daigaku.” The journey takes approximately 65 minutes, depending on traffic conditions, and the one-way fare is 1,260 yen. Get off at “Namiki 2-chome” and walk approximately 3 minutes to AIST Tsukuba Central.

> For further details: [“How to get to AIST Tsukuba from Tokyo Station by Highway Bus”](#)

USING AIRPORT BUSES

- Haneda Airport – Tsukuba Center (bus terminal): Costs 2,000 yen one way, takes approximately 120 minutes
>For further information: [Tsukuba-Haneda Airport Line | Kanto Railway | Local Community Partner](#)
- Narita Airport – Tsukuba Center (bus terminal): Costs 2,400 yen one way, takes approximately 120 minutes
>For further information: [Tsuchiura/Tsukuba - Narita Airport Line | Kanto Railway | Local Communication Partner](#)

Fares are subject to change. Please check the latest information on the official websites before traveling.

CAR

Participants arriving by car should enter through the main gate and must complete visitor registration at the guardhouse.

Please note that parking spaces on the AIST site are limited, and advance parking reservations are not available. Participants are encouraged to use public transportation whenever possible.

TAXI

A taxi from Narita Airport to AIST Tsukuba Central may cost approximately 30,000–40,000 yen or more, depending on traffic conditions, tolls, and taxi company charges. Participants are strongly encouraged to use the airport bus to Tsukuba Center whenever possible.

LUNCH

Lunch boxes will be provided on October 4–6 only for participants who requested them during advance registration. Lunch vouchers will be distributed at the registration desk; please be sure to collect your voucher when you register.

Lunch boxes will be distributed at the Auditorium from 12:00. Please keep your voucher safe, as it will be exchanged for your lunch box at the designated distribution time. Lunch box selections cannot be changed on the day.

Eating and drinking are not permitted in the Main Hall. Please have your meal on the deck, in Poster Rooms 1 and 2 of the Auditorium, or in Conference Rooms 1 and 2 on the 1st floor of the Headquarters and Information Technology Collaborative Research Center.

Additional lunch box orders cannot be accepted during the conference. Participants who did not order a lunch box may use the on-site cafeterias and convenience store on October 5–6, which are weekdays. Please note that these facilities will be closed on October 3–4 due to the weekend, and nearby convenience stores are some distance from the venue. Participants are therefore advised to purchase lunch near the station or elsewhere before coming to the venue on those dates.

●Welfare Center Cafeteria:

Business location: Tsukuba Center Central Office, 1st floor of the Welfare Center

Business hours: Lunch: 11:30 a.m. to 1:30 p.m. (last order 1:20 p.m.)

Dinner: 5:30 p.m. to 6:30 p.m. (last order 6:20 p.m.)

(Open: Mon-Fri)

Payment method: Ticket machine (cash, electronic money, QR code) For details, click [marubell_seisan](#)

●Welfare Annex B Cafeteria :

Business location: Tsukuba Center Central Office, Welfare Annex Building B

Business hours: [Lunch] 11:30 a.m. to 2:00 p.m. (last order 1:30 p.m.)

[Dinner] 5:30 p.m. to 8:00 p.m. (last order 7:00 p.m.)

(Open: Mon-Fri)

Payment method: Ticket machine (purchase meal tickets with cash)

●Convenience stores :

Business location: Tsukuba Center Central Office, 2nd floor of the Welfare Center

Business hours: 8:00 a.m. to 8:00 p.m. (Open: Mon-Fri)

WELCOME RECEPTION

The Welcome Reception will be held on Saturday, October 3, from 18:00 to 20:00.

Venue: Conference Rooms 1 and 2 on the 1st floor of the Headquarters and Information Technology Collaborative Research Center (Information Building).

INVITED DINNER

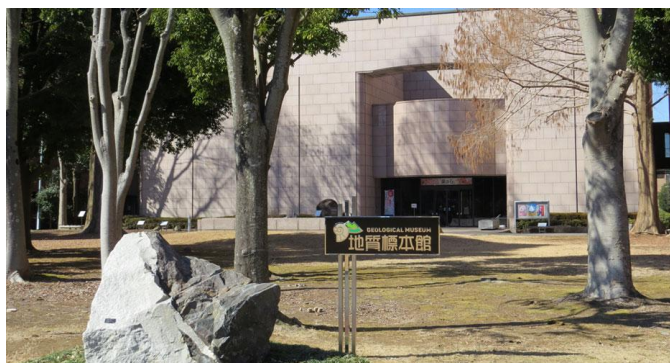
The Invited Dinner is scheduled for Sunday, October 4, from 19:00 and is open only to invited participants.

Details regarding the meeting time and meeting point will be announced later.

OPTIONAL SIGHTSEEING TOUR

An optional sightseeing tour of the Geological Museum will be held on Sunday, October 4, from 13:30 to 14:30. This time slot has been reserved with priority for conference participants, and we encourage you to take this opportunity to visit the museum.

Please note in advance that the displays and information inside the museum are available in Japanese only.



[Geological Museum - AIST, Geological Survey of Japan](#)

POSTER SESSION

The poster session will take place in the two Poster Rooms in the Auditorium.

Poster presenters should check the presenter author index on the information board to confirm their assigned poster board. Posters may be pinned up from 9:00 each day and must be taken down by 18:00 on the same day. Please refer to the schedule below for poster presentation times.

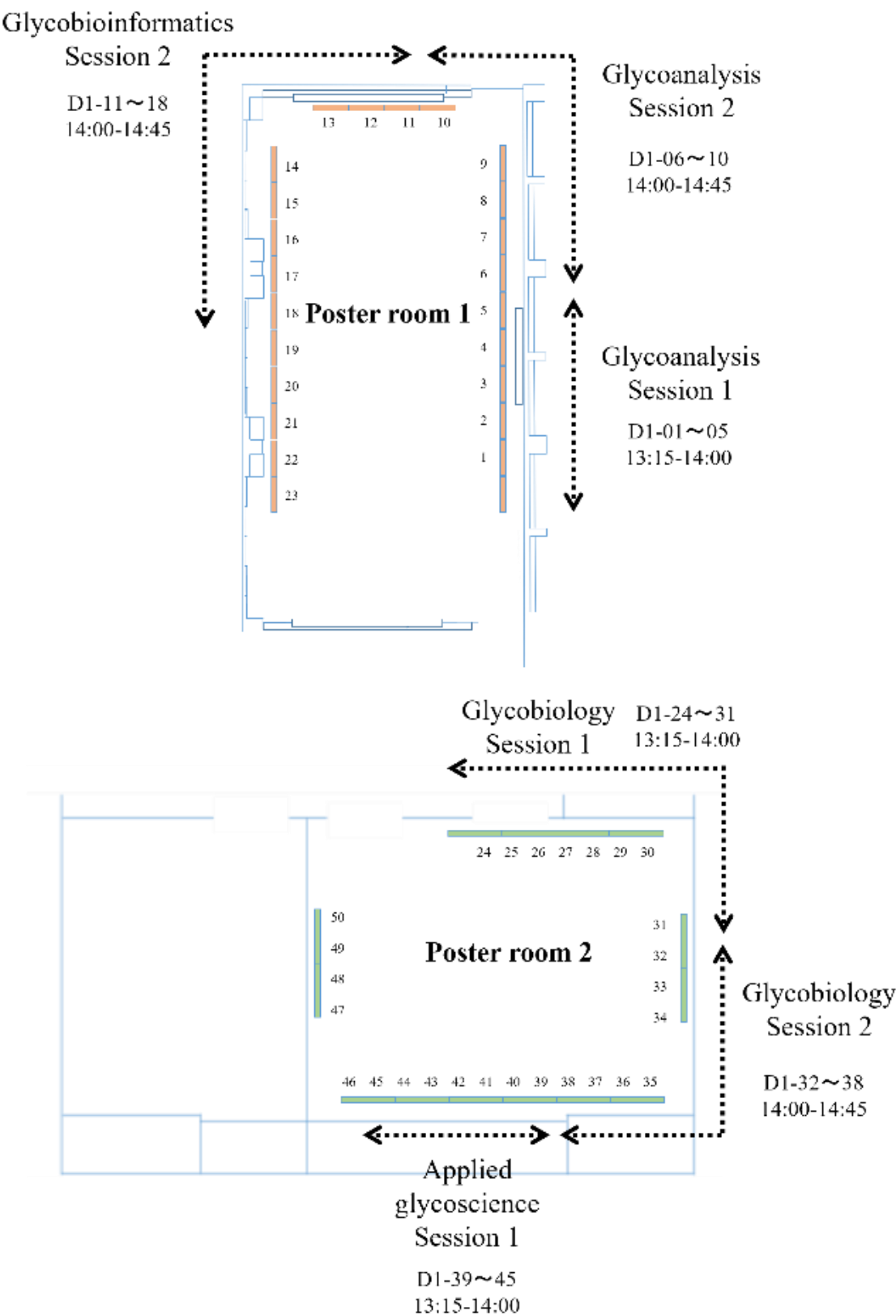
Poster session	Presentation date	Presentation time	Poster numbers	Pin up	Take down
1	Sunday 4 October	13:15-14:00	D1-01~05, D1-24~31, D1-39~45	From 9:00 Sunday 4 October	By 18:00 Sunday 4 October
2	Sunday 4 October	14:00-14:45	D1-06~18, D1-32~38	From 9:00 Sunday 4 October	By 18:00 Sunday 4 October
3	Monday 5 October	13:15-13:50	D2-01~06, D2-12~17, D2-24~29	From 9:00 Monday 5 October	By 18:00 Monday 5 October
4	Monday 5 October	13:50-14:25	D2-18~23, D2-30~34, D2-40~44	From 9:00 Monday 5 October	By 18:00 Monday 5 October
5	Monday 5 October	14:25-15:00	D2-07~11, D2-35~39, D2-45~50	From 9:00 Monday 5 October	By 18:00 Monday 5 October

Please note that posters remaining after the designated take-down times may be removed by the organizers. The organizers cannot accept responsibility for any loss or damage.

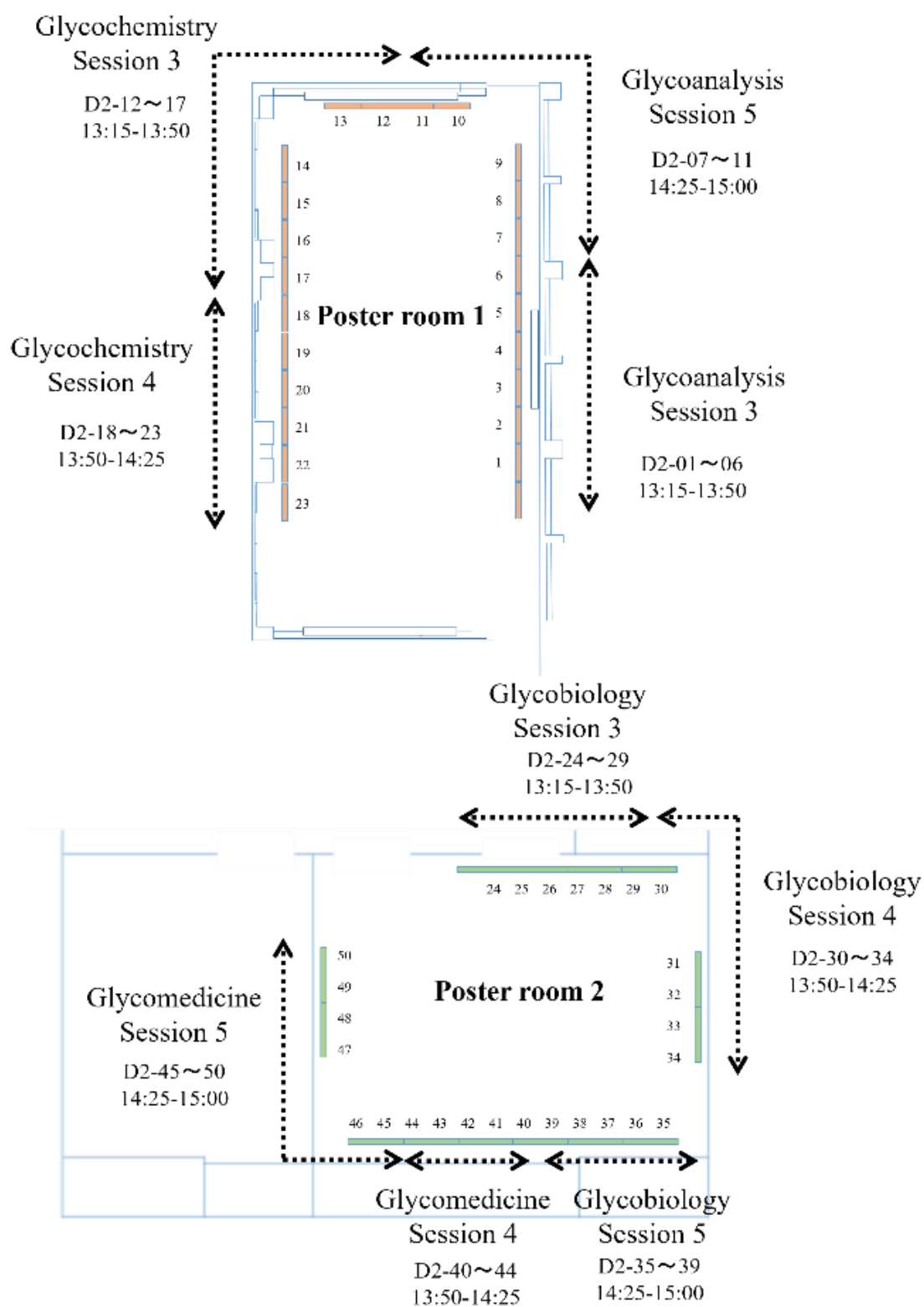
Posters should be attached to the boards using push pins. Push pins will be provided by the organizers.

	Oct. 4 13:15-14:00	Oct. 4 14:00-14:45	Oct. 5 13:15-13:50	Oct. 5 13:50-14:25	Oct. 5 14:25-15:00
Category	Session 1	Session 2	Session 3	Session 4	Session 5
Glycobiology	Poster room 2 D1-24~31	Poster room 2 D1-32~38	Poster room 2 D2-24~29	Poster room 2 D2-30~34	Poster room 2 D2-35~39
Glycochemistry			Poster room 1 D2-12~17	Poster room 1 D2-18~23	
Glycomedicine				Poster room 2 D2-40~44	Poster room 2 D2-45~50
Applied glycoscience	Poster room 2 D1-39~45				
Glycoanalysis	Poster room 1 D1-01~05	Poster room 1 D1-06~10	Poster room 1 D2-01~06		Poster room 1 D2-07~11
Glycobioinformatics		Poster room 1 D1-11~18			

【Poster Presentation Layout | October 4】



【Poster Presentation Layout | October 5】



SPEAKER

All speakers are requested to bring their own laptop computer for their presentation, as laptop computers will not be provided or available for loan by the organizers.

To ensure a smooth presentation, all presenters should check the connection of their laptop during the break immediately before their session. Presenters scheduled for early morning sessions should complete their connection check by around 8:45.

ABSTRACTS

The conference abstracts will be distributed to registered participants by email.

WI-FI

Free Wi-Fi will be available throughout the conference venue, and connection details will be posted on-site during the conference.

Photo

A group photo will be taken at 14:00 on Saturday, October 3, near the pond opposite the Auditorium.

CLOAKROOM

A cloakroom will be available next to the registration desk in the Auditorium. On Saturday, October 3 only, an additional cloakroom will be available in the Net Working Room on the 1st floor of the Information Building.

Opening hours

- Saturday, October 3
 - Auditorium: 9:30–18:20
 - Information Building: 9:30–20:20
- Sunday, October 4 – Monday, October 5
 - Auditorium: 8:30–18:30
- Tuesday, October 6
 - Auditorium: 8:30–15:30

Please collect your belongings by the closing time each day. We cannot store items beyond the conference period or arrange shipping or delivery services. Any items remaining after the conference has ended may be disposed of by the organizers.

The organizers cannot be held responsible for any loss of or damage to items left in the cloakroom. Please always keep valuables and personal belongings with you.

CONTACT

In case of emergency or if you need any assistance, please contact us at M-acgg2026office-ml@aist.go.jp.

Timetable (3-4 October)

Day		3 October (Sat)			4 October (Sun)					
Venue		Main Hall	Conference Rooms	Meeting Room/ Conference Room1 and 2	Main Hall	Net Working Room	Meeting Room/ Conference Room 1 and 2			
9	0				Session 1M Glycoanalysis	Session 1N Glycochemistry				
	15									
	30									
	45									
10	0	Jamboree			Break	Jamboree				
	15									
	30									
	45									
11	0							Session 2 Glycoanalysis	Satellite	
	15									
	30									
	45									
12	0			Registration Open 11:00~			Lunch Break			
	15									
	30									
	45									
13	0	Opening Ceremony		Poster Presentation 1 13:15-14:00			Jamboree			
	15	Keynote Lecture								
	30									
	45									
14	0	Photo (Outside)	Poster Presentation 2 14:00-14:45							
	15	Break								
	30									
	45									
15	0	iGCORE-AGS Special Session 1 AGS Award	Session 3 Applied Glycoscience/ Glycobiology							
	15									
	30									
	45									
16	0	iGCORE-AGS Special Session 2	Break							
	15									
	30									
	45									
17	0			Session 4M Applied Glycoscience	Session 4N Glycobiology					
	15									
	30									
	45									
18	0									
	15									
	30									
	45									
19	0	Welcome reception								
	15									
	30									
	45									

Timetable (5-6 October)

Day		5 October (Mon)			6 October (Tue)			
Venue		Main Hall	Net Working Room	Meeting Room/ Conference Room 1 and 2	Main Hall	Net Working Room	Meeting Room/ Conference Room 1 and 2	
9	0	Session 5M	Session 5N		Session 8M	Session 8N		
	15							
	30							
	45							
10	0			Jamboree			Jamboree	
	15							
	30							
	45							Break
11	0	Session 6	Satellite	Jamboree	Session 9	Satellite	Jamboree	
	15							
	30							
	45							
12	0	Lunch Break						
	15							
	30							
	45							
13	0	Poster Presentation 3 13:15-13:50		Jamboree	Session 10 Glycobioinformatics/ Jamboree report			
	15							
	30							
	45	Poster Presentation 4 13:50-14:25						
14	0	Poster Presentation 5 14:25-15:00						Closing Ceremony
	15							
	30							
	45							
15	0	Break						
	15	AIST-AGS Special Session						
	30							
	45							
16	0							
	15							
	30							
	45							
17	0	Session 7 Glycomedicine/ Glycochemistry	Satellite					
	15							
	30							
	45							
18	0							
	15							
	30							
	45							

Oral Program

Saturday, October 3, 2026

Keynote Lecture

Session Chair: Akihiro Ishiwata, RIKEN, Japan

Saturday, October 3, 2026 | 13:30-14:00 | Main Hall

K1	Lost in Glycosylation
	Yukishige Ito
	The University of Osaka
	Time: 13:30-14:00

iGCORE-AGS Special Session 1 / AGS Award

Session Chair: Daniel Kolarich, Griffith University, Australia

Saturday, October 3, 2026 | 14:45-15:45 | Main Hall

L1	System glycobiology reveals cancer-promoting glyco-enzymes in the tumour microenvironment
	Morten Thaysen-Andersen
	Macquarie University
	Time: 14:45-15:15

L2	Tools for probing the immune response and developing next-generation antibody-therapeutics
	Jonathan Du
	Griffith University
	Time: 15:15-15:45

iGCORE-AGS Special Session 2 / HGA Pj

Session Chair: Chihiro Sato, iGCORE, Nagoya University, Japan

Hiromune Ando, iGCORE, Gifu University, Japan

Saturday, October 3, 2026 | 16:00-18:00 | Main Hall

K2	The Missing Piece — An Overview of the Human Glycome Atlas Project
	Kenji Kadomatsu
	iGCORE, Nagoya University
	Time: 16:00-16:30

L3	A High-Throughput Platform for Comprehensive Serum/Plasma Glycome Analysis in Cohort Studies
	Jun-ichi Furukawa
	iGCORE, Nagoya University
	Time: 16:30-16:55

L4	Population Glycomics in the Human Glycome Atlas Project: Establishing Reference Glycopeptide Profiles
	Tetsuya Okajima
	iGCORE, Nagoya University
	Time: 16:55-17:20

L5

Toward AI-driven Glycoscience for the Human Glycome

Akihiro Kitani

iGCORE, Nagoya University

Time: 17:20-17:45

SUNDAY, October 4, 2026

Session 1 M: Glycoanalysis

Session Chair: Juan Wei, Shanghai Jiao Tong University, China

Kazuki Nakajima, Gifu University, Japan

Sunday, October 4, 2026 | 9:00-10:45| Main Hall

S1

Exploring Tissue-Wide Bacterial Glycoproteins through Mass Spectrometry

Dario Alexander Taco Cramer

Fudan University

Time: 9:00-9:18

S2

Development of a Matrix-Matched Calibration Curve for Multi-Site Quantification of Neu5Gc-Bearing N-Glycans

Nicholas J DeBono

Griffith University

Time: 9:18-9:36

S3

Dynamic Characterization of the PBMC N-glycoproteomic Landscape during Immunotherapy in NSCLC

Xia Zou

Shanghai Jiao Tong University

Time: 9:36-9:54

S4

Lectin-IMC: lectin-assisted imaging mass cytometry as an on-tissue validation platform for spatial glycomics and glycoproteomics

Chiaki Nagai-Okatani

AIST

Time: 9:54-10:12

S5

Permethylated-based Ultrasensitive N- and O-glycomics for Low-Input Samples

Juan Wei

Shanghai Jiao Tong University

Time: 10:12-10:30

**Company
Talk**

Precision System Science Co., Ltd. (PSS)

Time: 10:30-10:35

Session 1 N: Glycochemistry

Session Chair: Kiichiro Totani, Seikei University, Japan

Milton Kiefel, Griffith University, Australia

Sunday, October 4, 2026 | 9:00-10:45 | Net Working Room

S6

Organocatalysis for Stereoselective Glycosylation

Pavan K Kancharla

Indian Institute of Technology Guwahati

Time: 9:00-9:18

S7	Studies towards the synthesis of bacterial nonulosonic acids Milton Kiefel Griffith University Time: 9:18-9:36
S8	Precision Synthesis and Structure-Activity Relationship Studies for Drug Lead Discovery and Chemical Biology Daisuke Takahashi Keio University Time: 9:36-9:54
S9	Non-Enzymatic Synthesis of Glycan-Asparagine Conjugates Yoshihiro Ueda AIST Time: 9:54-10:12
S10	Elucidating Reactive Sugar-intermediates by Mass Spectrometry Chun-Wei Chang Academia Sinica Time: 10:12-10:30
Company Talk	Tokyo Chemical Industry Co., Ltd. (TCI) Time: 10:30-10:35

Session 2: Glycoanalysis

Session Chair: Kay-Hooi Khoo, Academia Sinica, Taiwan

Sunday, October 4, 2026 | 11:00-12:15 | Main Hall & Net Working Room (Satellite)

L6	Integrating Glycomics and Glycoproteomics to Reveal Lactation- and Population-Associated Remodelling of Human Milk Glycoconjugates Daniel Kolarich Griffith University Time: 11:00-11:25
L7	Infection Reshapes the Host Glycome: Coordinated Glycan Remodelling in HPIV-3-Infected Nasal Epithelium Arun Everest-Dass Griffith University Time: 11:25-11:50
L8	Crystallization and structural modelling of a metagenome-derived halophilic glycoside hydrolase family 5 Rahmat Eko Sanjaya Universitas Lambung Mangkurat Time: 11:50-12:15

Session 3: Applied Glycoscience/Glycobiology

Session Chair: Chuan-Fa Chang, National Cheng Kung University, Taiwan

Sunday, October 4, 2026 | 15:00-16:15 | Main Hall & Net Working Room (Satellite)

L9	Glce deficiency in the hippocampus leads to depressive-like behaviors in mice Kan Ding Chinese Academy of Sciences Time: 15:00-15:25
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L10 **ST8Sia5, A new polysialic acid-synthesizing enzyme in brain**
Chihiro Sato
iGCORE, Nagoya University
Time: 15:25-15:50

L11 **Biomass-Derived Sugar Hydrolysates Toward Biodegradable Polyester Organogels for Hydrophobic Topical Drug Delivery**
Rusli Daik
Universiti Kebangsaan Malaysia
Time: 15:50-16:15

Session 4 M: Applied Glycoscience

Session Chair: Rong Xing, Chinese Academy of Sciences, China

Mukram Mohamed Mackeen, Universiti Kebangsaan Malaysia, Malaysia

Sunday, October 4, 2026 | 16:30-18:00 | Main Hall

S11 **Potential Carbohydrate Active Enzyme (CAZy's) as cell wall degrading enzymes against Mycobacterial**
Ni Nyoman Tri Puspaningsih
Universitas Airlangga
Time: 16:30-16:48

S12 **The Role of Carbohydrase in Biomass Conversion for Raw Material of Bioenergy**
Kartika Dwi Asni Putri
Universitas Airlangga
Time: 16:48-17:06

S13 **Structural analysis of degradation products of mycobacterial D-arabinan heptasaccharide derivative by GH116 β -D-arabinofuranosidase**
Akihiro Ishiwata
RIKEN
Time: 17:06-17:24

S14 **Marine-Derived Polysaccharides: Structural Insights Toward High Value-Added Applications**
Hyun Joo An
Chungnam National University
Time: 17:24-17:42

S15 **Therapeutic In Vivo Synthetic Chemistry via Glycosylated Artificial Metalloenzymes**
Tsung-Che Chang
RIKEN
Time: 17:42-18:00

Session 4 N: Glycobiology

Session Chair: Akira Togayachi, Soka University, Japan

Rebeca Kawahara, Griffith University, Australia

Sunday, October 4, 2026 | 16:30-18:00 | Net Working Room

S16 **A Prokaryotic Expression System for the Biosynthesis of Human O-GalNAc Glycoproteins**
Han Zhang
Shanghai Jiao Tong University
Time: 16:30-16:48

S17	Maintenance of intestinal homeostasis by sulfated mucin glycans Hiroto Kawashima Chiba University Time: 16:48-17:06
S18	Distinct glycomic signatures in breastmilk from mothers with and without type 1 diabetes using sequential multiglycomics Isabella Grace Steen Macquarie University Time: 17:06-17:24
S19	Multi-omics definition of the sex-specific glycoproteome of murine tissues Rebeca Kawahara Nagoya University, Griffith University Time: 17:24-17:42
S20	Multi-omics validation of serum glycoform markers to predict septic shock severity Sayantani Chatterjee Macquarie University Time: 17:42-18:00

MONDAY, October 5, 2026

Session 5 M: Glycobiology

Session Chair: I-Ming Lee, NSYSU, Taiwan

Yan Zhang, Shanghai Jiao Tong University, China

Monday, October 5, 2026 | 9:00-10:45 | Main Hall

S21	Immunological activity and modulation of bacterial pseudaminic acid I-Ming Lee NSYSU Time: 9:00-9:18
S22	Reduction of charged glycoconjugates in TANGO2 KO mouse brain Edward Moh Macquarie University Time: 9:18-9:36
S23	Mucin-like domains as glycosylation sites for engineered cytokines Kajal Kamboj University of Alberta Time: 9:36-9:54
S24	Architects of the brain glycome: Mapping glycosidases, transferases, and glycan diversity in the mouse brain Sagar Dalal Macquarie University Time: 9:54-10:12

S25	GlycoChat Reveals the Comprehensive Landscape of Glycan-Mediated Cell–Cell Communication in Pancreatic Cancer Anh Xuan Tuan Dinh University of Tsukuba Time: 10:12-10:30
Company Talk	VALQUA, LTD. Time: 10:30-10:35

Session 5 N: Glycomedicine/Glycoanalysis

Session Chair: Jaehan Kim, Chungnam National University, Korea

Sukanya Luang, Khon Kaen University, Thailand

Monday, October 5, 2026 | 9:00-10:45 | Net Working Room

S26	Human Milk Glycome and Its Functional Implications for Infant Health Jaehan Kim Chungnam National University Time: 9:00-9:18
S27	Glycan-Encoded Structural Dynamics and Functional Regulation of Immunoglobulin G Saeko Yanaka Institute of Science Tokyo Time: 9:18-9:36
S28	Lewis-type N-glycans predict liver metastasis recurrence in colorectal cancer patients Paula Nissen Macquarie University Time: 9:36-9:54
S29	Oral absorption and transport mechanisms of polysaccharides in Traditional Chinese Medicine Wenfeng Liao Chinese Academy of Sciences Time: 9:54-10:12
S30	Antihyperglycaemic Activity of Different Plant Parts of Moringa oleifera Lam Mukram Mohamed Mackeen Universiti Kebangsaan Malaysia Time: 10:12-10:30
Company Talk	GlyTech, Inc. Time: 10:30-10:35

Session 6: Glycobiology

Session Chair: Xiaodong Gao, Institute of Process Engineering, China

Monday, October 5, 2026 | 11:00-12:15 | Main Hall & Net Working Room (Satellite)

L12	Identification of genes encoding DLO-PP'ase Tadashi Suzuki RIKEN Time: 11:00-11:25
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L13 **The Hexosamine Biosynthetic Pathway Controls Cellular Sensitivity to Cuproptosis**
Yuanyuan Ruan
Fudan University
Time: 11:25-11:50

L14 **Unique domains and regulatory mechanisms of glycosyltransferases**
Yasuhiko Kizuka
iGCORE, Gifu University
Time: 11:50-12:15

AIST-AGS Special Session

Session Chair: Hiroaki Tateno, AIST, Japan

Yasuhiro Kajihara, The University of Osaka, Japan

Monday, October 5, 2026 | 15:15-16:45 | Main Hall

K3 **Synthesis as an Enabling Technology for Understanding Glycan Biosynthesis and Function**
Todd L Lowary
Academia Sinica
Time: 15:15-15:45

K4 **The discovery and development of novel anti-viral drug candidates**
Mark von Itzstein
Griffith University
Time: 15:45-16:15

L15 **Development of Human Endo-O-sulfatase Inhibitors against Pancreatic Cancer and Cholangiocarcinoma**
Shang-Cheng Hung
Academia Sinica
Time: 16:15-16:40

Session 7: Glycomedicine/Glycochemistry

Session Chair: Hyun Joo An, Chungnam National University, Korea

Monday, October 5, 2026 | 17:00-18:15 | Main Hall & Net Working Room (Satellite)

L16 **Lectin-based approaches for the discovery and detection of tumor-associated glycans**
Atit Silsirivanit
Khon Kaen University
Time: 17:00-17:25

L17 **N-glycolylneuraminic acid (Neu5Gc) as a carbohydrate cancer biomarker**
Michael P Jennings
Griffith University
Time: 17:25-17:50

L18 **Synthesis of Bacterial Lipopolysaccharides to Study the Structure-Immunomodulatory Activity Relationships**
Chun-hung Lin
Academia Sinica
Time: 17:50-18:15

Session 8 M: Glycochemistry

Session Chair: Kumpei Yano, The University of Osaka, Japan

Pei-Jhen Li, National Chung Cheng University, Taiwan

Tuesday, October 6, 2026 | 9:00-10:45 | Main Hall

S31	Studies of Fully Stereoselective α-Sialylation and Its Applications Naoko Komura iGCORE, Gifu University Time: 9:00-9:18
S32	Controlling Stereoselective O- and N-Sialylation with Fluoro- and Chloro-Sialyl Donors Pei-Jhen Li National Chung Cheng University Time: 9:18-9:36
S33	Chemical Biology of Linkage-Edited Glycans Makoto Yoritake Kyushu University Time: 9:36-9:54
S34	Synthesis of Sulfated α-(1$\rightarrow$4)- L-Idose Oligosaccharides: A Heparan Sulfate -Inspired Approach to Fibroblast Growth Factor Recognition Jasper S Dumalaog Academia Sinica Time: 9:54-10:12
S35	Synthesis of Heparan Sulfate Hexadecasaccharides and their Molecular Interaction with Mycobacterial Heparin-Binding Hemagglutinin for the Detection of Mycobacterium tuberculosis Cheng-Hsiu Chang Academia Sinica Time: 10:12-10:30
Company Talk	Sumitomo Bakelite Co., Ltd. (S-BIO) Time: 10:30-10:35

Session 8 N: Glycobiology

Session Chair: Ken Kitajima, iGCORE, Nagoya University, Japan

Orasa Panawan, Khon Kaen University, Thailand

Tuesday, October 6, 2026 | 9:00-10:45 | Net Working Room

S36	Glycan-dependent signaling through PTPσ and Toll-like receptors regulates axonal regeneration Kazuma Sakamoto Aichi Developmental Disability Center Time: 9:00-9:18
S37	Unveiling the glycobiology of cholangiocarcinoma stem cells: sialylation as a key mediator of stemness and drug resistance Orasa Panawan Khon Kaen University Time: 9:18-9:36

S38	ST6GAL1-mediated sialyl linkage switching drives cancer-promoting α2,6-sialo-2protrusions radiating from anti-inflammatory TAMs Priya Dipta iGCORE, Nagoya University Time: 9:36-9:54
S39	Gut Microbiota-Mediated Transformation of TCM polysaccharides and Their Pharmacological Mechanisms Meixia Li Chinese Academy of Sciences Time: 9:54-10:12
S40	Ex vivo and multi-glycomic imaging of the retina Jaclyn Swan La Trobe University Time: 10:12-10:30
Company Talk	Universal Bio Research Inc. (UBR) Time: 10:30-10:35

Session 9: Glycochemistry

Session Chair: Hiromune Ando, iGCORE, Gifu University, Japan

Tuesday, October 6, 2026 | 11:00-12:15 | Main Hall & Net Working Room (Satellite)

L19	CH-π interactions of pyranosides - chemical shift perturbations induced by arenes Amit Basu Brown University Time: 11:00-11:25
L20	Site-selective photobromination of carbohydrates – synthesis and applications Vito Ferro The University of Queensland Time: 11:25-11:50
L21	Post-Click Functionalization Tool in Glycoscience: Cu(I)-Catalyzed Tandem Synthesis of Bis(1,2,3-triazoles) and Tetra-kis (1,2,3-triazole) Glycoconjugates Vinod Kumar Tiwari Banaras Hindu University Time: 11:50-12:15

Session 10: Glycobioinformatics/Jamboree report

Session Chair: Issaku Yamada, The Noguchi Institute, Japan

Tuesday, October 6, 2026 | 13:00-14:30 | Main Hall

S41	Bridging Database Search and Full De Novo Sequencing for Unbiased Glycopeptide Identification Weiping Sun Bioinformatics Solutions Inc. Time: 13:00-13:18
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S42

Decoding Altered Glycoproteomic Landscapes via Targeted Perturbation of N-Glycan Processing Pathways

Yi-Ju Chen

National Yang Ming Chiao Tung University

Time: 13:18-13:36

S43

Machine Learning-Integrated Multi-Omics Identifies NAGLU-Centered Heparan-Sulfate Catabolism and Glycosaminoglycan Remodeling in Glioblastoma

Chih-Yang Wang

Taipei Medical University

Time: 13:36-13:54

L22

Community-driven enhancement of data resources for glycan-binding molecules: Highlights from the 3rd GlyCosmos Jamboree

Kiyoko F Aoki-Kinoshita

Soka University

Time: 13:54-14:19

Poster Program

SUNDAY 4 October

Poster Session 1

Sunday, October 4, 2026 | 13:15-14:00 |

Glycoanalysis _Poster room 1

D1-01	Multiplex quantitative monitoring of glycopeptide recovery during LC-MS/MS sample preparation toward spatial glycoproteomics Sayaka Fuseya AIST
D1-02	Integrated Proteomic and N-Glycoproteomic Analysis of IFNγ-Induced Antigen Presentation in Ovarian Cancer Yuichi Abe Gifu University
D1-03	Associations of human milk glycans with infections and allergies in the first year of life: An exploratory study on the Japanese Human Milk Study Cohort Yuta Tsujimori MEGMILK SNOW BRAND Co., Ltd.
D1-04	Analysis of polysialylated O-glycan structures using polysialoglycoprotein by MALDI-TOF MS Kai Suzuki Nagoya University
D1-05	Integrated Transcriptomic and Functional Profiling Reveals EDEM3 as a Glycosylation-Associated Biomarker in Breast Cancer Neethu Palekkode Taipei Medical University

Glycobiology _Poster room 2

D1-24	Impact of colchicine on inflammation and liver steatosis-driven protein glycosylation changes in hepatocytes Hsiao-chu Chen Academia Sinica
D1-25	Investigation of N-glycolylneuraminic acid-containing N-glycans on prostate specific antigen (PSA) from prostate cancer cases and cancer-free donors Xavier De Bisscop Griffith University
D1-26	Site-specific glycosylation analysis of β-haptoglobin in tuberculosis patients Hyojeong Im KAIST
D1-27	Investigation of the Molecular Mechanisms Underlying Riboflavin (Vitamin B2)-induced Malignant Progression and Chemoresistance in Colorectal Cancer TING-YU CHEN Kaohsiung Armed Forces General Hospital
D1-28	Heparan sulfate deficiency specifically in the glutamatergic neurons is linked to impaired long-term memory and anxiolytic-like behavior in mice Mohammad Jewel Mia Meijo University

D1-29	Autopolysialylation Activity of ST8Sia5 Reveals a Novel PolySia Function Fumiya Sakamoto Nagoya University
D1-30	Structural analysis of degradation products of mycobacterial D-arabinan heptasaccharide derivative by GH116 β-D-arabinofuranosidase Akihiro Ishiwata RIKEN
D1-31	Functional Analysis of a Novel SGSH (N- Sulfoglucosamine Sulfohydrolase) Mutation from a Sanfilippo Syndrome Type A Patient Akane Yabuki Soka University

Applied Glycoscience _Poster room 2

D1-39	Reducing-End Functionalization of Hemicellulose Models to Suppress Alkaline Degradation of Plant Glycans Funda Lidya Gorur Chalmers University of Technology
D1-40	Composition-Dependent Swelling and Deswelling of Xanthan Gum–Konjac Glucomannan Hydrogels under Physiological Ionic Strength Ryota Teshima Nagoya City University
D1-41	Integrated Glycoproteomic Profiling Reveals Glycan Remodeling in GGTA1/CMAH Gene-Knockout Pigs for Xenotransplantation Ching-Hsun Tsai National Yang Ming Chiao Tung University
D1-43	Tailor-made glycoalbumins for multiple molecularly targeted therapies Akito Nunome Institute of Science Tokyo
D1-45	Polymorph-Tunable Cellulose Nanocrystals from Corn Husk via Controlled Mercerization and In Situ Peracetic Acid Bleaching Ronny G. Huamani-Palomino National University of Engineering

Poster Session 2

Sunday, October 4, 2026 | 14:00-14:45 |

Glycoanalysis _Poster room 1

D1-06	Refined sulfoglycomic workflow enables robust identification of 2-6- sialylated sulfoglycotopes in mouse striatum and astrocytes Hua-Chien Chang Academia Sinica
D1-07	Site-Specific N-Glycosylation Analysis of Buffalo Secretory Immunoglobulin M (sIgM) Sudarshan Marihonnaiah CSIR-Central Food Technological Research Institute
D1-09	Site-Specific Profiling of Immunogenic α-Gal Glycopeptides in Biotherapeutics by Integrated CID-EAD LC-MS/MS Juhui Baek Chungnam National University
D1-10	N-Glycoproteomics sample preparation using commercially available cellulose magnetic particles Kazuki Nakajima

Glycobioinformatics _Poster room 1

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|--------------|---|
| D1-11 | Multi-omics characterization of glycosylation-associated epithelial programs identifies ITGA2 and IFI16 in colorectal cancer
Kai-Fu Chang
Kaohsiung Armed Forces General Hospital |
| D1-12 | Quantifying N-glycan heterogeneity from glycoproteomics data with GlycoTraitR
Bingyuan Zhang
Nagoya University |
| D1-13 | Automated Structural Correction and High-Confidence Profiling in Glycoproteomics via the GLYCAST Framework
Chen-Wei Lu
National Yang Ming Chiao Tung University |
| D1-14 | A Web-Accessible Database of Sialidase Activity Imaging Using the Fluorescent Activity Probe BTP3-Neu5Ac
Kazuya Inoue
Soka University |
| D1-15 | RDF Conversion and Reconstruction of the C. elegans GlycoGene Database
Nobuaki Kitano
Soka University |
| D1-16 | MicroGlycoDB and MicroGlycoCurator: A Unified Framework for Curating and Exploring Microbial Glycan Data
Yotsuba Hattori
Soka University |
| D1-17 | Prediction of HPLC elution times for glycan structures under various conditions using machine learning
Kenichi Niiyama
Soka University |
| D1-18 | Distinct Glycosylation Programs Define Primary and Recurrent Glioma, Revealing a Shared Prognostic Core and a Recurrence-Specific O-Mannosylation Signature
Dahlak Daniel Solomon
Taipei Medical University |

Glycobiology _Poster room 2

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| D1-32 | ST8SIA6-Mediated Di-Sialylation of PD-L1 Modulates PD-1 Binding Without Enhancing Immune Evasion in Colorectal Cancer
Hau-Hsien Tsai
Kaohsiung Armed Forces General Hospital |
| D1-33 | Black Mirror Life: ATP-Responsive Lectin-like Macrocycles Challenge Sugar Stereoselectivity
Serhii Kharchenko
Karlsruhe Institute of Technology |
| D1-34 | Diagnostic Application of Soybean Agglutinin and Its Functional Effects in Cholangiocarcinoma
Sukanya Luang
Khon Kaen University |
| D1-35 | Analysis of molecular mechanism of the malignant phenotype of St8Sia4-melanoma cells
Aisa Yamada
Nagoya University |
| D1-36 | Live-Cell Imaging Analysis of Intracellular Trafficking of LacCer Analogs
Soichiro Magara
The University of Osaka |

D1-37	Effect of Dietary Glucuronate on Glycosaminoglycan Synthesis in Silkworms Kohei Kuba Tokyo University of Science
D1-38	A bacterial expression platform for mucin-type O-glycosylation Nicole Thompson University of Alberta

MONDAY 5 October

Poster Session 3

Monday, October 5, 2026 | 13:15-13:50 |

Glycoanalysis _Poster room 1

D2-01	Reanalysis of LM-GlycomeAtlas Data to Explore Small-Intestinal Glycan Features Potentially Relevant to α-Synuclein Recognition Yuka Akagi AIST
D2-02	Confident Characterization of N- and O-Linked Glycopeptides Using Electron-Based Dissociation on timsOmni Platform Satoshi Oshiro Bruker Japan K.K.
D2-04	GlycoMsHelper: A High-Confidence Glycomic MS Data Interpretation Workflow Weize Kong Gifu University
D2-05	Glycoproteomic Insights into Glycan Remodeling During Neural Development Shiori Go Nagoya University
D2-06	Analysis of Protein Glycosylation Based on MS/MS Spectra Using EAD (Electron Activated Dissociation) Ushio Takeda SCIEX Japan

Glycochemistry _Poster room 1

D2-12	Synthesis of Chondroitin Sulfate Oligosaccharide Library Yen-Ju Ting Academia Sinica
D2-13	From Simulations to Synthesis: Improved Functionalized Polysaccharide Membranes for Diverse Applications Dinesh Kumar Jagannathareddy BITS Pilani Hyderabad Campus
D2-14	STORM: Systematic Tables of Relevant Monosaccharides Thomas Lütteke Justus-Liebig-University Giessen
D2-15	Chemical synthesis and immunological evaluation of bacterial surface oligosaccharides Feiqing Ding Sun Yat-sen University
D2-16	Total Synthesis of Conjugation-Ready Sulfated Red Algae Carrageenan Oligosaccharides for Sensing Applications Yonatan Sukhran

- D2-17** **Chemical Synthesis and Functions of *Alcaligenes faecalis* Lipid A Analogs**
Haru Kasashima
The University of Osaka

Glycobiology _Poster room 2

- D2-24** **Nuclear Galectin-3/OCT4 co-accumulation defines a niche-associated stemness state in colorectal cancer**
Yung-Kuo Lee
Kaohsiung Armed Forces General Hospital
- D2-25** **Rational Design, Synthesis, and Biological Evaluation of Amphiphilic Fucoidan Analogues as Broad-Spectrum Anti-Filovirus Therapeutic Candidates**
Aswathy Maniyamma
Keio University
- D2-26** **Crystal structure of EOGT reveals a conserved N-R-R constellation for UDP recognition in the GT61 family**
Yuko Tashima
Nagoya University
- D2-27** **Loss of ST8SIA6 Promotes Colorectal Cancer Metastasis by Enhancing MUC16-Integrin $\beta 4$ Signaling**
Chuan-Fa Chang
National Cheng Kung University
- D2-28** **Integrative multi-omics, single-cell, and spatial analyses reveal N-glycosylation-associated transporter signatures in glioblastoma**
Sachin Kumar
Taipei Medical University
- D2-29** **Spatiotemporal Glycan Alterations During Cardiac Aging Indicate Region-Dependent Tissue Remodeling**
Yoko Itakura
Tokyo Metropolitan Institute for Geriatrics and Gerontology

Poster Session 4

Monday, October 5, 2026 | 13:50-14:25 |

Glycochemistry _Poster room 1

- D2-19** **Homogeneous O-glycopeptides with core 1 O-glycans from cheese whey: Novel tools for O-glycan studies**
Yuko Ishida
MEGMILK SNOW BRAND Co.,Ltd.
- D2-20** **A Lactose-Selective $\alpha 1,3$ -Fucosyltransferase from *Akkermansia muciniphila* Expands the Biosynthetic Toolkit for Fucosylated Human Milk Oligosaccharides**
Ching-Ching Yu
National Tsing Hua University
- D2-21** **Investigation of A Novel UGGT Inhibitor Designed for Endoplasmic Reticulum Targeting**
Junpei Abe
Osaka International Cancer Institute
- D2-22** **Synthetic study of tetraantennary sialyl N-glycans**
Kumpei Yano
The University of Osaka
- D2-23** **Target exploration for carbohydrate ligands by electrophilic gold-nanoparticle probes**
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Runa Saito
Tokyo University of Agriculture and Technology

Glycobiology _Poster room 2

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| D2-30 | Synthesis of C3-Modified Sialic Acids and Application to Enzymatic Reactions
Kanami Mori
Kyushu University |
| D2-31 | Remodeling the Cell-Surface Microenvironment: ST8SIA6 Loss Enhances MUC16-Integrin $\beta 4$ Metastatic Signaling in Colorectal Cancer
Lin Chung-Hsien
Kaohsiung Armed Forces General Hospital |
| D2-32 | Preparation and structure-function analysis of recombinant CMP-sialic acid synthetases from rainbow trout
Amaryllis Tiara Herman
Nagoya University |
| D2-33 | Heparanase-1 expression is inhibited by auranofin via the αPKC–NF-κB pathway, thereby suppressing cancer cell invasion
Masahiro Komeno
Tokyo University of Science |
| D2-34 | Development of a nanobody reagent to target CXCL4: Heparan Sulphate interactions
Yui Matsubara
University of Tsukuba |

Glycomedicine _Poster room 2

- | | |
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| D2-40 | N-glycoproteomic CSF signatures following Endo F2 digestion differentiate neuromyelitis optica spectrum disorders from multiple sclerosis
Matej Nemcic
Gifu University |
| D2-41 | Targeting Hypoxia-Driven TACE Resistance in Hepatocellular Carcinoma Through GLUT1 and Galectin-3 Inhibition
Chih-Hsuan Chang
Kaohsiung Armed Forces General Hospital |
| D2-42 | Lectin-based glycomics suggested the enhancement of sialylation in meningioma stem-like cells
Siyaporn Putthisen
Khon Kaen University |
| D2-43 | Regulation of polysialic acid expression by PTPRZ in glioma
Kohei Omori
Nagoya University |
| D2-44 | Development of Human IgG Antibodies Specific for MUC5AC-Associated Glycans for Qualitative and Quantitative Detection in Cancer Samples
Patcharaporn Boottanun
Soka University |

Poster Session 5

Monday, October 5, 2026 | 14:25-15:00 |

Glycoanalysis _Poster room 1

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| D2-07 | Branch-specific poly-LacNAc allocation in N-glycan isomers revealed by complementary endo-β-galactosidase digestion and PGC-LC-MS/MS
Chih-Chieh Lin |
|--------------|---|

	AIST
D2-08	From identification of sulfated core Fuc on N-Glycans to development of a target-driven glycoproteomic workflow to identify its carrier proteins Pao-Yuan Wang Academia Sinica
D2-09	Deciphering the Role of Rhamnosyltransferases in Glycopeptidolipid Biosynthesis: A Key Driver of Mycobacterium abscessus Pathogenicity Fuma Kabasawa Gifu University
D2-10	Investigation of N-glycoproteomics sample preparation using endoglycosidases Ken Hanzawa Gifu University
D2-11	Efficient Fermentative Production of Sialylated Oligosaccharides Haruko Ohashi Kirin Holdings Limited

Glycobiology _Poster room 2

D2-35	ST8SIA6 and Galectin-3 are upregulated in hippocampal microglia during neuroinflammation-associated depressive-like behavior Hui-Ru Lin Kaohsiung Armed Forces General Hospital
D2-36	In vitro preparation of matriglycan oligosaccharides by recombinant LARGE Shuji Mizumoto Meijo University
D2-37	Investigation of interaction partners of polysialic by a chemo-enzymatic approach Chengcheng Huang Nagoya University
D2-38	Signaling mechanisms underlying the L-fucose-induced LPS tolerance-like response Tomoya Nakamura The University of Tokyo
D2-39	Serum IgA O-Glycosylation Profiling of Transgenic Mice Carrying the Human IgA Hinge Region Keisuke Yamaguchi University of Tsukuba

Glycomedicine _Poster room 2

D2-45	Integrated Multi-Omics Profiling Reveals Molecular Signatures of Brain Organoid Maturation Sumin Jung Chungnam National University
D2-46	GCNT3 as a Glycosylation Biomarker for Predicting TACE Response and Therapeutic Resistance in Hepatocellular Carcinoma Bo-Sheng Chen Kaohsiung Armed Forces General Hospital
D2-47	Sialic acid glycofeatures for detection of high-grade serous ovarian carcinoma in serum and ascites Kristina Mae Bienes iGCORE, Nagoya University
D2-48	Visualization of O-Sulfated Heparan Sulfate Remodeling in Gastric Premalignant and Malignant Lesions Using a Catalytically Inactive Heparanase-Fc Fusion Protein Masao Nakamura Sasaki Institute

D2-49	Coffee-Ground-Derived Hyaluronic Acid-Conjugated Carbon Quantum Dots Reveal the Potential Role of CD44 Sialylation in Gemcitabine-Resistant Cholangiocarcinoma Phakkaphorn Sritammaphorn Thammasat University
D2-50	Preliminary Molecular Docking Analysis of D-Allulose Against Glucose Transporters: Implications for Cancer Glucose Metabolism Nurliyana Najwa Md Razip Universiti Putra Malaysia

Sponsors

We gratefully acknowledge the support of our sponsors and supporting organizations.

Sponsors and supporting organizations are listed in alphabetical order.

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1	Australian Glycoscience Society
2	Bruker Japan K.K.
3	Glycan and Life Systems Integration Center (GaLSIC)
4	GlyCosmos Portal
5	GlyTech, Inc.
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7	Life Science and Biotechnology, AIST
8	MEGMILK SNOW BRAND Co., Ltd.
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19	Tokyo Chemical Industry Co., Ltd. (TCI)
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21	VALQUA, LTD.



Exhibitors

Ten companies and organizations will present their exhibits at the sponsor booths in the Auditorium. Booth setup and exhibition hours are as follows: setup and move-in: 9:00–12:00 on October 3; exhibition: 12:00–18:00 on October 3, 9:00–18:00 on October 4, 9:00–18:00 on October 5, and 9:00–15:00 on October 6; dismantling and move-out: from 15:30 on October 6. Please refer to the booth map below for the location of each exhibitor.

No.	Sponsor / Supporting Organization
1	Life Science and Biotechnology, AIST
2	Australian Glycoscience Society
3	Universal Bio Research Co., Ltd.
4	VALQUA, LTD.
5	Precision System Science Co., Ltd.
6	GlyTech, Inc
7	Tokyo Chemical Industry Co., Ltd.
8	SUMITOMO BAKELITE CO., LTD.
9	Institute for Glyco-core Research (iGCORE)
10	GlyCosmos Portal

