



Global Microbial Identifier



GMI14'

BARCELONA
September 4th - 6th 2024

Welcome

Dear colleagues,

On behalf of the Organising Committee, it is our pleasure to invite you to the upcoming Global Microbial Identifier GMI 14 in Barcelona on 4, 5 and 6 September. This scientific event, to be held in the vibrant city of Barcelona, promises to be an unparalleled gathering of global scientific minds.

This year we will include topics covered in Vancouver (GMI13) such as data harmonisation, data sharing, but we will also reassess the WG and introduce challenging topics: **AI, the economic impact of WGS, equitable data sharing, a breakout session with stakeholders including industry, and discussions on political and cultural barriers.**

As leaders in your respective fields, your expertise and insights will be invaluable to the dialogue and exchange of ideas that will characterise this conference. We cordially invite you to register for the conference and participate in the discussions, presentations and networking opportunities that will undoubtedly contribute to and promote the advancement of genomics research and innovation.

In addition to the enriching scientific programme, we encourage you to take advantage of your time in Barcelona to explore its rich cultural heritage, which offers a wealth of opportunities for cultural immersion and leisure activities.

We are confident that your participation in GMI14 will be not only professionally rewarding, but also an unforgettable experience in one of Europe's most dynamic cities.

If you are interested in making a reservation at the UAB University Hotel (the closest place to the conference at the best prices), please note that due to the limited number of rooms, reservations will be made on a first-come, first-served basis.

We look forward to welcoming you to Barcelona and to the stimulating exchange of ideas and knowledge that awaits you at the conference.

Best regards,

Armand Sánchez Jordi Serratosa



Local Committee

- **Armand Sánchez**, *Universitat Autònoma de Barcelona, Spain*
- **Jordi Serratosa**, *Universitat Autònoma de Barcelona, Spain*
- **Sara Bover**, *IRTA, Spain*
- **William Hsiao**, *Simon Fraser University, Canada*
- **Emma Griffiths**, *Simon Fraser University, Canada*
- **Ruth Timme**, *US Food and Drug Administration, FDA*
- **Marc Allard**, *US Food and Drug Administration, FDA*
- **Eric Stevens**, *US Food and Drug Administration, FDA*
- **Masami T. Takeuchi**, *Food and Agriculture Organization, FAO*
- **Mirko Rossi**, *European Food Safety Authority, EFSA*
- **Christophe Cordevant**, *Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail, ANSES, France*
- **Malorny Burkhard**, *Federal Institute for Risk Assessment BfR, Germany*
- **Jens Andre Hammerl**, *Federal Institute for Risk Assessment, BfR, Germany*
- **Torsten Seemann**, *University of Melbourne, Australia*
- **Tuyet Hoang**, *University of Melbourne, Australia*

The GMI Steering Committee

- **Christophe Cordevant**, *Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail, ANSES, France*
- **Adriano Di Pasquale**, *Istituto Zooprofilattico Sperimentale (Italia)*
- **Cesare Camma**, *Istituto Zooprofilattico Sperimentale (Italia)*
- **Heather Carleton**, *Center of Disease Control, (USA)*
- **William Hsiao**, *Simon Fraser University, (Canada)*
- **Bill Klimke**, *National Institute of Health (USA)*
- **Jianghong Meng**, *University of Maryland (USA)*
- **Andreas Nitsche**, *Robert Koch Institute (RKI), Germany*
- **Victor Rivera**, *Ministerio de Agricultura (Chile)*
- **Eric Stevens**, *US Food and Drug Administration, (FDA)*
- **Masami Takeuchi**, *Food and Agricultural Organization, (FAO)*
- **Ruth Timme**, *US Food and Drug Administration, (FDA)*
- **Jianguo Xu**, *National Institute for Communicable Disease Control and Prevention, China*



Registration

Individual: Register yourself. Select your own registration

Third Party: Register a small group of attendants, less than 10

Groups: Register a big group of attendants, 10 or more. You need to be authorized by the secretariat and login to register the group.

Scan this QR
to register



Venue

Edifici del Rectorat

Universitat Autònoma de Barcelona – UAB

Campus UAB, Edifici A, Plaça Acadèmica, s/n • 08193 Bellaterra, Barcelona

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Technical Secretariat



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GMI14 Programme

4th September 2024

Time	Item	Moderators / speakers
08:30 - 09:00	Registration	
Edifici Rectorat - Plenary room		
OPENING CEREMONY		
09:00 - 09:10	Welcome	Host: UAB representative Dean of the Veterinary Faculty Elisenda Guillaumes (Catalan Agricultural. DG) Esteve Fernández (SG Salut)
09:10 - 09:20	Housekeeping announcements	UAB Organizers
09:20 - 09:30	Opening remarks	Eric Stevens . GMI President
09:30 - 10:00	“Setting the scene” presentation Cost-benefit issues of WGS	Moderator: Marc Allard (FDA) Key note speaker: Bradley Brown (FDA)
10:00 - 10:30	Global perspectives FAO/WHO	Josefina Campos (WHO) Masami Takeuchi (FAO)
10:30 - 11:00	Coffee Break. Edifici Rectorat - main entrance	
Edifici Rectorat - Plenary room		
Session: AI, WGS and data sharing		
11:00 - 11:30	AI and WGS – overview WGS and ML	Dr. Abani Pradhan (U. Maryland)
11:30 - 12:00	The importance of data sharing for AI applications	Guillermo Torres (UAB) Marc Lorenzen (BfR) Adriano di Pasquale (IZS) Aitana Neves (SIB)
12:00 - 12:30	Opportunities and challenges in data sharing to support AI	Open-floor discussion
12:30 - 14:00	Lunch. Edifici Rectorat - Restaurant	

4th September 2024

Time	Item	Moderators / speakers
Edifici Rectorat - Plenary room Session: WGS, One Health and Global Perspectives		Moderator: Masami Takeuchi (FAO)
14:00 - 14:45	WGS in within the One Health framework	Patricia Mejias Moreno (FAO) Gregorio Torres (WOAH) Dr. Celeste Donato (U. Melbourne)
14:45 - 15:30	WGS in – country case studies	Syafinaz Binti Amin Nordin (U. Putra Malaysia) Mayrén Cristina Zamora Nava (Senasica Mexico) Dr. Henda Triki (Institut Pasteur Tunis)
15:30 - 16:00	Coffee Break. Edifici Rectorat - main entrance	
Edifici Rectorat - Plenary room Session: Global interoperability of the laboratory networks and industry partners		Moderator: Mirko Rossi
16:00 - 16:45	Data management	Katja Alt (BMEL) Valentina Rizzi (EFSA) Tuyet Hoang (U. Melbourne) Eric Stevens (FDA)
16:45 - 17:30	Experience at the regional and national levels	Moderator: Sara Bover (IRTA) Cristina Ocerin (AESAN) Alberto Chaves and Carlos Sánchez (Junta de Andalucía) Javier Gómez-Arrue Azpiazu (Aragón) Laura Alcalde (ACSA) and Belén Martín (IRTA) (Catalunya) Antonio Español (Aragón)

5th September 2024

Time	Item	Moderators / speakers
08:30 - 09:00	Assigning the participants into the working groups	
09:00 - 09:30	Edifici Rectorat - Plenary room USA and EU challenges and opportunities of WGS	Don Prater (FDA) Martial Plantady (EU Commission)
09:30 - 09:45	GMI13 - Canada - Outcomes and Action Items	Emma Griffiths (Simon Fraser U.)
09:45 - 10:45	Overview: Raise awareness of opportunities Discussions	Moderator: Emma Griffiths Dr. Sofonias Kifle Tessema (African CDC) Noah Hull (APHL) Heather Carleton (PNI) Torsten Seemann (U. Melbourne)
10:45 - 11:10	Steering Committee Announcing the WGs and why? Break and Division in thematic discussion in 4 working groups	
11:10 - 12:30	Change of building /meeting room from "rectorat" to the Veterinary Faculty Session leader make presentation +1 note taker for each session WGs titles TBC accordingly to sessions 20-21 and Steering Committee	
Veterinary Faculty - paralell sessions		
	I. The importance of maintaining country capacity for data sharing	Moderators: Emma Griffiths / Heather Carleton
	II. Global training initiatives (wet lab)	Moderator: Masami Takeuchi
	III. Current and future technologies WGS One health /Pitching – how effectively communicate with the finance unit to invest into WGS	Moderators: M. Allard and B. Brown
	IV. Perspectives from policy decision-makers on maintaining engagement and momentum	Moderator: Mirko Rossi

5th September 2024 (continuation)

Time	Item	Moderators / speakers
12:30 - 14:00	Lunch. Veterinary Faculty - paralell sessions Change of building/meeting room from Veterinary Faculty to the "Rectorat"	
14:00 - 14:45	Plenary: Working group reporting back session	
14:45 - 15:30	Industry presentations	Moderator: Armand Sánchez Celina To (Oxford-Nanopore) Salvatore Conti (ThermoFisher) Jane Pouzou (Epix analytics)
15:30 - 15:45	Coffee Break. Edifici Rectorat - main entrance	
15:45 - 17:15	Session: Looking to the future: New challenges and opportunities	Moderators: Mirko Rossi (EFSA), Christophe Cordevant (ANSES) Annette Fagerlund (NOFIMA) Patricia Mejias (FAO) Marion Gottschald (BfR) Baldissera Giovani (Euphresco)

6th September 2024

Time	Item	Moderators / speakers
09:00 - 10:00	Which should the working groups be? Part 1	Moderators: Ruth Timme and Emma Griffiths
10:00 - 10:30	Coffee Break. Edifici Rectorat - main entrance	
10:30 - 11:00	Which should be the topics of the working groups and frequency Part 2	Moderators: Ruth Timme and Emma Griffiths
11:00 - 11:30	Suggestions for future actions (according the past and current GMI steering committee)	Eric Stevens and Marc Allard
11:30 - 11:45	Wastewater Epidemiology Surveillance and the importance of datasharing in a Public Health perspective under the One Health approach	Bernd Gawik
11:45 - 12:05	GMI15 invitation 2025 Australia	Tuyet Hoang
12:05 - 12:15	Pitch for GMI-16/17 Tunisia / Germany	TN: Institute Pasteur TBC DEU: Malorny Burkhard (BfR)
12:15 - 12:45	Wrapping up and a way forward GMI steering Committee representative	Eric Stevens and others hosts

How to get by bus from Hotel Exe Campus to Edifici Rectorat (plenary room)

Notícies	
Cerca el teu edifici, facultat o àrea	
Introdueix text	
L1	▼
L2	▲
RENFE-VILA-RECTORAT-RENFE	
Parada	1r bus 2n bus
Rectorat-Veterinària	12:12 12:22
Rectorat-Veterinària a Renfe	12:13 12:23
Vila Sud a Vila	12:14 12:24
CC-Educació-FTI a Renfe	12:17 12:27
Lletres i Psicologia a Renfe	12:18 12:28
Eix Central Sud	12:19 12:29
Plaça Cívica	12:19 12:29
Ciències i Biociències a Renfe	12:19 12:29
VILA NORD	
L2	12:37
LV	19:29 19:54
	12:20 12:40
	12:59 13:14

Bus line 2 (red line): From Hotel Exe Campus go to Vila Nord bus station (see blue circle on the map) direction to Edifici Rectorat. Blue arrows shows the direction of the bus.

Bus line 2 (red line): From Edifici Rectorat to Hotel Exe Campus (see green circle on the map) direction to Hotel Exe Campus. Green arrows shows the direction of the bus.

The buses run every 10 to 15 minutes.

More info at:
<https://appbuses.accessibilitat-transport.uab.cat/>







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