



## GENERAL PROGRAM

(final)

### **PLEASE NOTE THAT**

- Venues are indicated using the same 2-letter abbreviation indicated in the map you can find in the last page
- For each symposium, between 2 and 4 bidirectional streaming rooms will be available
- Rooms for the symposia will be indicated in the venues as follow:
  - City Theatre (CT). CT-M: main theatre hall; CT-R: streaming room
  - Polo Adelardi (AD1). AD-M1: main room, first floor; AD-A5, AD-A6, and AD-AP1: streaming rooms
  - Polo Adelardi (AD2). AD-M2: main room, second floor; AD-A9, AD-A10, and AD-AP2: streaming rooms
  - Palazzo Bevilacqua Costabili (BC). BC-M: main room; BC-EC4, BC-EC5, BC-EC6, BC-EC7: streaming rooms
- Plenary lecture will be held in CT, with streaming in AD and BC
- Posters will be on display at the following two venues:
  - San Paolo Cloisters (SP)
  - Estense Castle (EC)
- The society/journal/project events are indicated at the end of the main table (see below)
- All talks and evening events will be available in Gather Town

			<b>PP</b> Palazzo Pendaglia	<b>MP</b> Massari Park	<b>SP</b> San Paolo cloisters	<b>EC</b> Estense Castle	<b>CT</b> City Theater	<b>AD1</b> Polo Adelardi, first floor	<b>AD2</b> Polo Adelardi, second floor	<b>BC</b> Palazzo Bevilacqua Costabili
<b>July 23</b>	14:00	20:00				Registration				
	16:45	18:45				Welcome cocktail				
	19:00	20:00					Plenary Philip Donoghue	Plenary available in streaming	Plenary available in streaming	Plenary available in streaming
<b>July 24</b>	09:00	10:00					Plenary - Presidential Address Kateryna D. Makova	Plenary available in streaming	Plenary available in streaming	Plenary available in streaming
	10:00	10:30					Coffee break			
	10:30	12:30					15 - Animal genomics goes wild	6 - Molecular Evolutionary Patterns under Sex-Dependent Selection and Sexual Conflict	13 - Polygenic Adaptation – Predictability and Pleiotropy	23 - Evolutionary approaches to understand cancer across scales
	12:30	13:30	Lunch break (starting 12:00)					Event: Scientist Rebellion 1 (AD-A1) Event: MBE&GBE Meet the Editors (AD-A2) Commercial talk: Royal Publishing (AD-A11). Tips from the Royal Society for promoting your published work		
	13:30	15:30					15 - Animal genomics goes wild	20 - Evolutionary biology through a functional genomics lens	22 - Experimental evolution of non model species and systems	24 - Indels: computational methods, evolutionary dynamics, and biological applications
	15:30	16:00					Coffee break			
	16:00	18:00					1 - Open symposium	1 - Open symposium	1 - Open symposium	1 - Open symposium

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	18:00	20:00			Poster session 1 (with refreshment)			Event: ERGA1 (AD-A1). 19:00-20:00		
	20:45	22:15					Round table: Why publishing a scientific paper is becoming so expensive?			
July 25	09:00	10:00					Plenary Emilia Huerta-Sanchez	Plenary available in streaming	Plenary available in streaming	Plenary available in streaming
	10:00	10:30					Coffee break			
	10:30	12:30					Graduate Student Excellence Awards	GSEA in streaming	GSEA in streaming	GSEA in streaming
	12:30	13:30	Lunch break (starting 12:00)					Event: Doing Research in Italy: a field guide (AD-AD1) Commercial talk: IgaTech (AD-A11). All in one: structural, nucleotide, and epigenetic variations via ultra-long nanopore reads with phase information		
	13:30	15:30					7 - Computational evolutionary genomics in the era of machine learning	27 - Regulatory evolution and the emergence of diversity	11 - Entangled histories: insights into the evolution of humans and their domesticates through paleogenomics	21 - Science for everybody: education and outreach in Molecular Biology and Evolution
	15:30	16:00					Coffee break			
	16:00	18:00					7 - Computational evolutionary genomics in the era of machine learning	27 - Regulatory evolution and the emergence of diversity	28 - Host-pathogen co- evolutionary dynamics through the lens of paleogenomics	29 - Leveraging evolution: controlling wild populations using gene drives and pathogens
	18:00	20:00			Poster session 2 (with refreshment)			Event: ERGA2 (AD-A1). 19:00-20:00		

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	20:00	20:30					<u>Refreshment before the celebration</u>			
	20:45	22:15					<u>Celebration: Celebrating Nei life and legacy</u>			
<b>July 26</b>	9:00	11:00					19 - Evolution of structural genomic variation in populations & species	5 - New frontiers in conservation genomics (dedicated to Mike&Bob)	10 - Integrating fossils and molecules to reconstruct the evolution of life in deep time	30 – IDEA symposium
	11:00	11:30					Coffee break			
	11:30	13:30					19 - Evolution of structural genomic variation in populations & species	3 - The dark side of introgression	14 - Novel proteins and their emergence from LUCA until today	30 – IDEA symposium
	13:30	14:30	Lunch break (starting 12:00)					<u>Event: Scientist Rebellion 2 (AD-A1)</u> <u>Event: SMBE Business meeting (AD-A2)</u> <u>Celebration: Bob Wayne and Mike Bruford legacies (AD-A12)</u>		
	14:30	16:30					16 - From the ancient to the recent: using temporal genomics to answer questions in evolutionary biology	31 - Causation in protein evolution	18 - Modeling the genomic, social, and ecological drivers of speciation	17 - Roles and evolution of oxygen sensing across kingdoms
	16:30	17:00					Coffee break			

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	17:00	19:00					16 - From the ancient to the recent: using temporal genomics to answer questions in evolutionary biology	12 - Evolution of sensory systems	4 - Origins, evolution and ecology of microbial hopeful monsters	2 - Editors symposium
	20:00			Gala Dinner						
<b>July 27</b>	9:30	11:30					26 - Genomics of adaptations to extreme environments	9 - Evolution on repeat in the genomics era	8 - Mitochondria across biodiversity: comparative genomics as a tool to unravel mitochondrial biology and evolution	25 - The puzzle of eukaryotic cellular origins
	11:30	12:15					Brunch			
	12:15	13:15					Plenary Michael Lynch	Plenary available in streaming	Plenary available in streaming	Plenary available in streaming
	13:15	14:30					Awards Ceremony and Introduction to SMBE 2024			

### **SOCIETY/JOURNAL/PROJECT MEETINGS:**

- July 23, 8:00-19:00. SMBE Council Meeting. Where: CT-SP1
- July 24, 10:00-11:00. GEVOL-DFG meeting. Where: AD-A3
- July 24, 10:00-13:30. Heredity Editors meeting. Where: AD-AP3
- July 24, 18:00-19:00. GBE Editors meeting. Where: AD-A3
- July 25, 18:00-19:00. MBE Editors meeting. Where: AD-A3

# Urban Diffused Meeting

