

SMBE 2024 POSTER PRESENTATIONS

Poster number	Abstract ID	Name	Middle Name	Last Name	Title	Day	Symposium
1-Mon	274	Elena	I	Zavala	Evaluating accuracies of forensic analyses across genetic ancestries	Monday 8 July	Clustering of human cohorts beyond race and ancestry: Towards relational thinking in genomics.
2-Mon	812	Alex		Diaz-Papkovich	Connections between topological data analysis and identity-by-descent in biobank data	Monday 8 July	Clustering of human cohorts beyond race and ancestry: Towards relational thinking in genomics.
3-Mon	98	Alexandre		Gilardet	Ancient DNA screening at Denisova Cave to explore Bos/Bison admixture	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
4-Mon	137	NilooFar	Niloo	Alaei Kakhki	Differential Introgression in a bunting hybrid zone illuminates the genes underlying early genetic barriers between incipient species	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
5-Mon	156	Thomas	L	Schmidt	Global, asynchronous sweeps at multiple insecticide resistance genes in <i>Aedes aegypti</i> mosquitoes	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
6-Mon	260	Linda		Hagberg	Different measures of reproductive isolation reflect different stages of species formation	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
7-Mon	282	Dashiell	J	Massey	Differentiating mechanism from outcome for ancestry-assortative mating in admixed populations	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
8-Mon	284	Nicole		Foley	The co-evolution of phylogenomic signal and recombination rate during complex speciation in placental mammals	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
9-Mon	447	Ram		González-Buenfil	Tracing the impact of admixture in signatures of selection in the Mexican Biobank.	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
10-Mon	468	Alaina	L	Brenner	Nonhuman Primate Models for Hominin Introgression and Genetic Admixture	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
11-Mon	754	Lauren		Hennelly	Divergent ancestry in the TSHR gene is associated with changes in seasonal reproduction during dog domestication	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
12-Mon	779	Valentina		Burskaia	Dobzhansky-Muller incompatibilities and adaptive introgression facilitate explosive speciation of Lake Baikal amphipods	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
13-Mon	953	Nikita		Tikhomirov	Genomic stability over 65 million years promotes interspecific hybridization in polyploid <i>Potamogeton</i>	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
14-Mon	965	Nemo	Valentin	Robles	Exploring recent evolution of matrotrophy in swordtails (<i>Xiphophorus</i>)	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
15-Mon	979	Laura	Alejandra	Najera Cortazar	Ecological genomic structure of a complex of <i>Myotis</i> bats in the Baja California peninsula and western Mexico	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
16-Mon	1024	Kasper		Munch	Selection on hybrid incompatibility in baboons demonstrates Haldane's rule on time scales similar to human-Neanderthal divergence	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
17-Mon	1100	Yuridia	Selene	Posadas Garcia	Genetic effects on complex traits and diseases are similar across segments of different continental ancestries in the Mexican Biobank	Monday 8 July	Exploring the Evolutionary Effects of Admixture.
18-Mon	85	Alexander	L	Starr	Simple, general tests for accelerated evolution and positive selection	Monday 8 July	Human evolution in the genomic era.
19-Mon	112	Dae-Soo		Kim	Diverse patterns of transposable elements expressions across tissues exhibited by Rhesus macaque and possible regulation of gene expression of adjacent	Monday 8 July	Human evolution in the genomic era.
20-Mon	131	Isabela		Alvim	Unraveling the Genomic Influence of Archaic Hominins on 3D Genome Interactions, Immune Pathways, and Gene Expression in Modern Humans	Monday 8 July	Human evolution in the genomic era.
21-Mon	165	Alan		Izarraras-Gomez	Inference of the distribution of fitness effects using local genealogies	Monday 8 July	Human evolution in the genomic era.
22-Mon	181	Ulises		Hernández Martín del Campo	Curbing the accumulation of deleterious mutations: the roles of weak epistasis and compensatory beneficial mutations	Monday 8 July	Human evolution in the genomic era.
23-Mon	245	Anders	Poulsen	Charmouh	Estimating gene conversion tract length and rate from PacBio HiFi data	Monday 8 July	Human evolution in the genomic era.
24-Mon	253	Giulia		Ferraretti	Setting up an integrated pipeline of analyses to explore the genetic architecture of complex adaptive traits evolved by modern human populations	Monday 8 July	Human evolution in the genomic era.
25-Mon	351	Hossameidin		Loay	Inference of selection acting on coding sequences in the human lineage.	Monday 8 July	Human evolution in the genomic era.
26-Mon	365	Laura	L	Colbran	Global patterns of Holocene natural selection	Monday 8 July	Human evolution in the genomic era.
27-Mon	407	Elise		Kerdoncuff	50,000 years of Evolutionary History of India: Insights from ~2,700 Whole Genome Sequences	Monday 8 July	Human evolution in the genomic era.
28-Mon	441	Charikleia		Karageorgiou	Ancient AMY1 gene duplications primed the amylase locus for adaptive evolution upon the onset of agriculture	Monday 8 July	Human evolution in the genomic era.
29-Mon	442	Mariko		Isshiki	Genetic adaptations and demographic history in East Asia during the period of rice domestication	Monday 8 July	Human evolution in the genomic era.
30-Mon	445	Bridget		Chak	From Foraging to Farming: Tracing the Impact of Agricultural Adoption on Adaptation and Selection using whole-genome sequencing	Monday 8 July	Human evolution in the genomic era.
31-Mon	506	Nathan		Cramer	Spatial Genomic Scale and Determinants of Human Germline Mutation Landscape	Monday 8 July	Human evolution in the genomic era.
32-Mon	532	Jlwon		Lee	A large pool of novel translated open reading frames is neutrally evolving in the human genome	Monday 8 July	Human evolution in the genomic era.
33-Mon	586	Sayaka		Chiku	Is there any population differentiation at particular SNPs in the human CYP1A2 gene?	Monday 8 July	Human evolution in the genomic era.
34-Mon	610	Johanne		Adam	Genetic adaptation of Asian human populations to their environment	Monday 8 July	Human evolution in the genomic era.
35-Mon	659	Gabriela	Procopio	Lette	Exploring the Landscape of Gene Family Size and their Associated Pseudogenes in the Human Genome	Monday 8 July	Human evolution in the genomic era.
36-Mon	718	Risa	L.	Iwasaki	Investigation of features of recent positive selection at SLC8A1 region acting in the Japanese population	Monday 8 July	Human evolution in the genomic era.
37-Mon	795	Jose	A	Urban Aragon	Genomic histories of the Adivasi and Sinhalese populations of Sri Lanka	Monday 8 July	Human evolution in the genomic era.
38-Mon	807	Ujani		Hazra	Uncovering the genetic architecture and evolutionary roots of androgenetic alopecia in African men	Monday 8 July	Human evolution in the genomic era.
39-Mon	815	Inez		Derx	The genetic population history of the last Himalayan hunter-gatherers	Monday 8 July	Human evolution in the genomic era.
40-Mon	821	Xinru		Zhang	Dynamic Rates and Patterns of Nucleotide Substitutions in Ape Telomere-to-Telomere Genomes: Substantial Effects of Sex Chromosomes	Monday 8 July	Human evolution in the genomic era.
41-Mon	938	Michael	E	Goldberg	Selective dynamics of interruptions at short tandem repeats	Monday 8 July	Human evolution in the genomic era.
42-Mon	962	Yael		Chen	Comparing Neanderthal introgression maps reveals substantial heterogeneity across algorithms, populations, and assumptions	Monday 8 July	Human evolution in the genomic era.
43-Mon	1006	Marybeth		Baumgartner	Modeling gene regulatory mechanisms contributing to the evolution of the human cerebral cortex	Monday 8 July	Human evolution in the genomic era.
44-Mon	1046	Ana Victoria		Leon Apodaca	Investigating the relationship between runs of homozygosity and changes in human height over 35,000 years	Monday 8 July	Human evolution in the genomic era.
45-Mon	1065	Alouette		Zhang	Exploring selective scanning by linkage disequilibrium statistic D _z : simulations and empirical studies	Monday 8 July	Human evolution in the genomic era.
46-Mon	1082	Rodelmar		Ocampo	Fine-scale genetic structure and natural selection within and across ethnic groups of Pakistan	Monday 8 July	Human evolution in the genomic era.
47-Mon	1090	Breanna		Takacs	Investigating the role of early neurodevelopment in human brain evolution	Monday 8 July	Human evolution in the genomic era.
48-Mon	1131	Yaoxi		He	Polyploid adaptation leads to a higher reproductive fitness of native Tibetans at high altitude	Monday 8 July	Human evolution in the genomic era.
49-Mon	174	Taras	K	Oleksyk	300 Whole Genomes of People from the border of Ukraine and Romania	Monday 8 July	Human genetic variability in the Pangenomic era.
50-Mon	757	Carolina		de Lima Adam	Tandem tales: comparative analysis of tandem repeats in Ape genomes	Monday 8 July	Human genetic variability in the Pangenomic era.
51-Mon	443	Emily	E.	Puckett	Spatial and temporal analyses identify two introgression events between brown and American black bears	Monday 8 July	Not just Ne-Ne-more: New applications for SMC from ecology to phylogenies.
52-Mon	50	Kaylee	E	Christensen	Dissecting an ancient stress resistance trait syndrome in the compost yeast <i>Kluyveromyces marxianus</i>	Monday 8 July	Open Symposium
53-Mon	51	Kazuhiro		Satomura	Molecular phylogenetic tree of a group of species with distant genetic distance using Orthopteran insects	Monday 8 July	Open Symposium
54-Mon	53	Shuya		ZHANG	Archaeogenomics of maize evolution in the South American Andes	Monday 8 July	Open Symposium
55-Mon	79	Jordan		Douglas	When branching and evolution are tightly coupled	Monday 8 July	Open Symposium
56-Mon	80	Stephan		Baehr	CRISPR is mutagenic, even in the absence of gRNA.	Monday 8 July	Open Symposium
57-Mon	109	Christian		Quintero	The evolutionary history of the cycloamide biosynthesis genes within Agaricomycetes species	Monday 8 July	Open Symposium
58-Mon	126	Feng		Cheng	Gene and allele specific expression underlying the electric signal divergence in African weakly electric fish	Monday 8 July	Open Symposium
59-Mon	128	Takahiro		Sakamoto	Evolution of discrete phenotypic plasticity in a gene regulatory network model	Monday 8 July	Open Symposium
60-Mon	134	Bing		Su	Single-nucleus multi-omics analyses reveal cellular and molecular innovations in the anterior cingulate cortex during human evolution	Monday 8 July	Open Symposium
61-Mon	136	Jonathan		Fenn	Patterns of miRNA presence and absence in mammals have implications for placental phenotypes	Monday 8 July	Open Symposium
62-Mon	140	Nadia		Aubin-Horth	Creating and using open educational resources to teach biology to improve accessibility, inclusion, and social justice	Monday 8 July	Open Symposium
63-Mon	144	Ikuri		Alvarez-Maya	Development of a bioinformatics Pipeline for the Analysis of Complete Genomic Sequencing Data of <i>Mycobacterium tuberculosis</i>	Monday 8 July	Open Symposium
64-Mon	150	Gabriela		Castellanos-Morales	Transcriptome reference-based SNP calling as an alternative for SNP annotation in the absence of a reference genome for invasion genomics studies.	Monday 8 July	Open Symposium
65-Mon	163	Momin		Ahmed	Mitochondrial whistleblower: Unveiling a Hidden Third Partner in Sponge Symbiosis	Monday 8 July	Open Symposium
66-Mon	190	Nico		Bremer	The probability of a unique gene occurrence at the tips of a phylogenetic tree in the absence of horizontal gene transfer (the last-one-out)	Monday 8 July	Open Symposium
67-Mon	228	Helena	Socorro	Hernández-Rosales	Incipient genetic differentiation of <i>A. ludens</i> (Diptera: Tephritidae) as a result of its recent geographic and host expansion leading to the attack of commercially	Monday 8 July	Open Symposium
68-Mon	235	Euki		Yazaki	Dinotoms possess two evolutionary distinct autophagy-related ubiquitin-like conjugation systems	Monday 8 July	Open Symposium
69-Mon	247	Juan	C	Opazo	Evolutionary and functional characterization of a new TRPV1 splicing variant originated in the ancestor of catarrhine primates	Monday 8 July	Open Symposium
70-Mon	277	Elsa	Hermينيا	Quezada Rodriguez	Unraveling natural Variants in the Gene Regulatory Network underlying Root Hair Formation: A Comprehensive Analysis of 855 <i>Arabidopsis thaliana</i> Accession	Monday 8 July	Open Symposium
71-Mon	307	Misha		Gupta	Exploring fitness landscapes in laboratory yeast crosses	Monday 8 July	Open Symposium
72-Mon	309	Fabia Ursula		Battistuzzi	Low complexity regions across the Tree of Life: sources of diversity or just noise?	Monday 8 July	Open Symposium
73-Mon	317	José Norberto		García Miranda	Challenging the Gram-Positive/Gram-Negative Dichotomy: Discovery of Gram-Negative Monoderm Bacteria	Monday 8 July	Open Symposium
74-Mon	326	Hyeongwoo		Choi	Adaptive Genomic Signatures and Evolutionary Mechanisms in Anguillid Eels	Monday 8 July	Open Symposium
75-Mon	340	Paige	J.	Maroni	Diving deeper: demystifying the distribution of the 'rare' deep-sea amphipod, <i>Alicella gigantea</i> .	Monday 8 July	Open Symposium
76-Mon	346	Hye Ri		Park	The effect of genetic inheritance impact on de novo mutation patterns in <i>Macaca fascicularis</i> .	Monday 8 July	Open Symposium

77-Mon	349	YUN JUNG		LEE	Telomere length estimation in the blood of the cynomolgus monkey using the sequencing data	Monday 8 July	Open Symposium
78-Mon	353	Alan	J. S.	Beavan	Origin and evolution of specialised ribosomes across eukaryotes	Monday 8 July	Open Symposium
79-Mon	357	Enrique		Celemin Amaro	Seascape genomics and genetic basis of adaptation to low salinity of Harbour porpoises (<i>Phocoena phocoena</i>) across environmental gradients in the North Atlantic	Monday 8 July	Open Symposium
80-Mon	361	Deepa		Agashe	Genetic architecture of adaptation varies with the strength of selection	Monday 8 July	Open Symposium
81-Mon	371	Shawary		M R	Population genetic structure of Himalayan Langurs	Monday 8 July	Open Symposium
82-Mon	373	Zifeng		Li	Phylogenomics provides insights into the evolution of dragonflies and damselflies	Monday 8 July	Open Symposium
83-Mon	389	Marina		Brasó-Vives	European amphioxus' enormous genetic diversity explained by asymmetric migration and long-standing high effective population size	Monday 8 July	Open Symposium
84-Mon	405	Christine		Guzman	From diffusion to network: A Neurexin view of the Origin of Neural Synapse	Monday 8 July	Open Symposium
85-Mon	415	Nada	Mohamed Ibra	Esharkawy	Disentangling the Ancestral History and Population Genetic Structure of Modern Iranian Populations	Monday 8 July	Open Symposium
86-Mon	448	Monica		Amiella	Error correction of viral genomic sequences using a phylogenetic prior	Monday 8 July	Open Symposium
87-Mon	449	Sónia	CS	Andrade	Stickwilt: a macroevolutionary approach reveals adhesive organs associated traits in exclusive meiofauna phyla	Monday 8 July	Open Symposium
88-Mon	457	Isabella	Rose	Childers	Elucidating the Evolution of the Recombinational Landscape of Placental Mammals Using Comparative Genomics	Monday 8 July	Open Symposium
89-Mon	459	Parul		Johri	Hill-Robertson interference effects bias the inference of fitness effects of new mutations in partially-selfing populations	Monday 8 July	Open Symposium
90-Mon	460	Eldar		Badamshin	Nucleotide bias between leading and lagging strand in bacteria is caused by asymmetric mutagenesis	Monday 8 July	Open Symposium
91-Mon	480	Miryam		Palacios-Pérez	A proposal of the Ur-RNAome	Monday 8 July	Open Symposium
92-Mon	511	Luis	Fernando	García-Ortega	Pseudogenization-driven gene loss shapes genome evolution in <i>Hanseniaspora</i>	Monday 8 July	Open Symposium
93-Mon	513	Gabriel	Alejandro	Penunuri	A Structural Proteome Screen Identifies Protein Mimicry in Host-Microbe Systems	Monday 8 July	Open Symposium
94-Mon	515	Max		Reuter	Characterising the detectable and invisible fractions of genomic loci under balancing selection	Monday 8 July	Open Symposium
95-Mon	523	Karen		Sevilla Landaverde	Illuminating the Abyss: Cultivation Strategies for Uncharted Cave Dwarf Bacteria	Monday 8 July	Open Symposium
96-Mon	544	Elsa		Peters Ruiz de Chávez	Chloroplast Phylogenomics and the Taxonomy of Mesoamerican Agaves	Monday 8 July	Open Symposium
97-Mon	548	Naoko		Takezaki	The extent of incomplete lineage sorting in divergences of major groups of Neocaves	Monday 8 July	Open Symposium
98-Mon	558	Duckhyun		Lhee	Exploring independent evolution of light-dependent redox regulation in the plastids of <i>Paulinella</i>	Monday 8 July	Open Symposium
99-Mon	583	Cecilia		Padilla-Iglesias	Environmentally driven changes in hunter-gatherer population interconnectivity explain African genetic diversity	Monday 8 July	Open Symposium
100-Mon	601	Sara	Edith	García-Morales	MYB transcription factors involved in <i>Ophrys</i> orchids labellum development	Monday 8 July	Open Symposium
101-Mon	613	Alicja		Witwicka	Effects of pesticides are driven by differences between species, not their chemical structure	Monday 8 July	Open Symposium
102-Mon	630	Uliana		Kolesnikova	Establishment of newly-formed allopolyploids through transition to selfing	Monday 8 July	Open Symposium
103-Mon	646	Gaurav		Agavekar	Exploring genomic correlates of multi-trait phenotypic convergence in trap-jaw ants	Monday 8 July	Open Symposium
104-Mon	656	Natalia		Mimjavac	Primordial ferredoxin reduction by hydrogen with iron at the intersection between geochemistry and biochemistry	Monday 8 July	Open Symposium
105-Mon	657	Greer		Dolby	Information transfer from Earth's surface to species' evolution	Monday 8 July	Open Symposium
106-Mon	664	Mingzhu		Yang	Comparing common strategies for ortholog selection used in phylogenomics	Monday 8 July	Open Symposium
107-Mon	666	Bjarke	Meyer	Pedersen	Population Size Shapes the Impact of Linked Selection in Primates	Monday 8 July	Open Symposium
108-Mon	669	Jeong-Eun		Lee	Human ZEB2 orchestrates a network of genes with stronger contribution to neuronal development than non-human primate ZEB2	Monday 8 July	Open Symposium
109-Mon	670	Rebecca		Saager	Molecular responses of brain functions to chronic low dose ionizing radiation in wild mammals from the Chernobyl Exclusion Zone	Monday 8 July	Open Symposium
110-Mon	675	Nkem		Nwaobi	Mammalian implantation and subsequent pregnancy – a story of miRNA evolution and co-option.	Monday 8 July	Open Symposium
111-Mon	685	Paul	C	Taylor	Insights into Human Neurotransmission through Molecular Evolution Studies in Bacteria	Monday 8 July	Open Symposium
112-Mon	1119	Blanca	Estela	Chavez-Sandoval	Obtaining chromosomal introgressions in a homozygous state reveals the genetic architecture of reproductive isolation barriers	Monday 8 July	Open Symposium
113-Mon	1104	Thaybeth	I	Malavé-Méndez	Genetic Ancestry and the Urinary Metabolome of Extremely Premature Infants in the Neonatal Intensive Care Unit.	Monday 8 July	Open Symposium
114-Mon	74	Aline		Muyle	Evolution of sex-biased gene expression (SBGE) during transitions to separate sexes in the Silene genus	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
115-Mon	114	Yukako		Katsura	Genome and Sex Chromosome Analyses of Japanese Frogs Carrying Both XY and ZW Chromosomes within the Same Species	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
116-Mon	446	Sujal		Phadke	Evolution of anisogamy in early diverging fungus <i>Allomyces</i>	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
117-Mon	450	Robert	B	Baird	The fast and slow of X chromosome evolution under paternal genome elimination	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
118-Mon	535	Ludovic		Dutoit	Hidden sex-chromosomes in Middle-Earth - Revealing sex-chromosome diversity within the geckos of Aotearoa New Zealand	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
119-Mon	809	Emmarie	P	Alexander	Using the Y-Chromosome to Resolve Controversial Mammalian Phylogenetic Relationships	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
120-Mon	952	Karol		Pal	Evolutionary Insights into Ape Sex Chromosomes from Telomere-To-Telomere (T2T) Genome Assemblies: Palindromes and Multi-Copy Genes.	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
121-Mon	1061	Yong Hwee Eddie		Loh	DNA methylation in female and male X chromosomes in human neurons and oligodendrocytes	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
122-Mon	1091	Sara	Victoria	Good	An evolutionary transcriptomics approach to understanding the origin of the HPG axis in sea lamprey, a basal vertebrate	Monday 8 July	Progress and challenges for understanding the molecular evolution of sex chromosomes across Eukarya
123-Mon	201	Janeth	Alejandra	García	Elucidating the origin and molecular evolution of the cholesterol biosynthesis pathway.	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
124-Mon	241	Luca	David	Modjewski	Corrin biosynthesis in the last universal common ancestor	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
125-Mon	250	Jamie	D	Dixon	Physicochemical Evaluation of Remote Homology in the Twilight Zone	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
126-Mon	530	Riya		Nikant	Characterizing the origin, evolution, and function of the synaptic protein PSD95 (DLG-4 gene) in single-celled relatives	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
127-Mon	655	Dongwook		Kim	Unicore Enables Ultra-fast and Accurate Phylogenetic Reconstruction with Structural Core Genes	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
128-Mon	731	Caroline		Craig	The genetic basis for changes in viral receptor-binding specificities	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
129-Mon	857	Lisa	E	Kursel	Secondary structure conservation sheds light on the forces that drive the evolution of condensate proteins	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
130-Mon	879	José	A	Sánchez-Borbón	Truncation as a mechanism of innovation in the evolution of innate immune protein CD14	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
131-Mon	890	Ava		Xu	Modeling archaic hominin protein structures reveals evidence of reduced efficacy of selection	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
132-Mon	926	William	T	Higgins	Quasi-Ordered Recognition Dynamics in Sperm-Egg Interactions in <i>Abalone</i>	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
133-Mon	981	Juan Manuel		Quijano Barraza	Evolution and functional role prediction of the CYP6DE and CYP6DJ subfamilies in <i>Dendroctonus</i> (Curculionidae: Scolytinae) bark beetles	Monday 8 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
134-Mon	47	Tomoyoshi		Nozaki	Gene expansion and multiple combinations confer retromer functional diversity in traffic in <i>Entamoeba histolytica</i>	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
135-Mon	157	Zixia		Huang	Comparative genome microsynteny illuminates the fast evolution of nuclear mitochondrial segments (NUMTs) in mammals	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
136-Mon	173	James		Ferrare	Evolution of Evolvability in Rapidly Evolving Populations (if accepted for talk): The Dynamics of Horizontal Gene Transfer in Rapidly Adapting Populations (if a	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
137-Mon	176	Juan Antonio		Rodríguez	A population genetics-based approach to uncover 3D genomics variation among closely related individuals	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
138-Mon	184	Stephanie	O	Castro-Marquez	The Genome of the Blueberry Stem Gall Wasp	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
139-Mon	266	Zhenguo		Lin	Comparative study of population TSS maps in yeast unravels genetic basis underlying divergence of transcription initiation	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
140-Mon	295	David	N.	Manahan	Alternative splicing and environmental adaptation in wild house mice	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
141-Mon	298	Sophia		Tintori	Using nematodes to study natural variation in mutagen sensitivity	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
142-Mon	393	Daniel	R	Tabin	Relating FST to Information Theory gives multiple insights.	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
143-Mon	413	Amina		Kurbidaeva	Micro-C reveals 3D genome conservation patterns in rice species	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
144-Mon	421	James	D	Gilbert	Genetic and Epigenetic Data Reveal Complementary Climate Adaptation Pathways in an Endangered Sea Turtle	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
145-Mon	425	Christopher		Condon	The dynamics of accumulation of genetic segregation distorters in the male germline of <i>Arabidopsis</i>	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
146-Mon	481	Samantha	J	Sodgrass	Maize and wild relatives show distinct patterns of genome downsizing following polyploidy	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
147-Mon	492	Luis	Gerardo	Fernandez Luna	Unveiling the Diversity and Evolutionary Significance of Tandem Repeats	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
148-Mon	501	Chenlu		Di	The distribution of fitness effects of mutations in enhancers, promoters, and conserved non-coding regions	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
149-Mon	632	Heiman		Ho	The genetic basis of long-distance migration in Common swifts (<i>Apus apus</i>)	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
150-Mon	636	Marcela		Uliano da Silva	Investigating BUSCO databases and performance in the light of a new generation of chromosome-level molluscan genomes	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
151-Mon	682	Enea		Franceschini	If they don't have proteins, let them have RNA: evolutionary rescue of defective ribosome mutants by changes to transcription	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
152-Mon	730	Tasia		Bos	DNA replication initiators have rapidly evolving chromatin-binding elements for adaptive specification of replication start sites	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
153-Mon	774	Maria		Vasilarouo	Unraveling the evolutionary history of polyploid <i>Arabidopsis kamchatica</i>	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
154-Mon	788	Brooklyn	R.	Scott	Population history and chromosomal speciation in gelada monkeys	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
155-Mon	796	Michele		Giovannini	Antarctic microbial genomics: insights into cold adaptation and secondary metabolite biosynthesis	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.

156-Mon	859	Julia		Höglund	Characterisation and quantification of deleterious genetic variants in non-model organisms: from present to extinct species.	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
157-Mon	940	Berenice		Jimenez-Marín	Genome-wide analysis of transcription initiation in Paramecium	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
158-Mon	950	Paul	Anthony	Nicolosi	A Comparative Multi-Omic Analysis of Plethodontid Salamander Mucus	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
159-Mon	951	Trenton	John	Winters	Exploring the molecular coevolution of species-specific fertilization in marine abalone through high-throughput mutagenesis using Pichia	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
160-Mon	957	Trevor	Gregory	Stepanyan	Untargeted nanopore-based genomics enable phylogenetic analysis of highly repetitive genes required for species-specific fertilization in marine abalone.	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
161-Mon	1016	Mohammed		M.Tawfeeq	Genome size variations and putative length-variable sex chromosomes within surface, subterranean and F1 hybrid populations of <i>Aesellus aquaticus</i> isopods.	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
162-Mon	1053	Alber		Aqil	Evolutionary Constraints on Gene Expression in Humans: Implications for Drug Efficacy and Personalized Medicine	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
163-Mon	1081	Luane Jandira		Bueno Landau	Exploring the evolutionary basis of gene expression trends in murine salivary glands	Monday 8 July	Unlocking the hidden dimensions of genomic diversity within species.
164-Mon	40	Marisol	Fermin	Flores	Phylogenetic Approach to Understand the Evolution of Drug Resistance in Mycobacterium Tuberculosis in Russia, China and South Africa	Monday 8 July	Open Symposium
1-Tue	99	Valeria		Timonina	Clonal Hematopoiesis of Indeterminate Potential and HIV infection synergistically affect all-cause mortality	Tuesday 9 July	Aging from a multidisciplinary overview: evolution, longevity and biomedicine.
2-Tue	560	Hyeon-Mu		Cho	Longitudinal multi-omics data analysis of cynomolgus macaque genome throughout their lifespan reveals age-related immune patterns	Tuesday 9 July	Aging from a multidisciplinary overview: evolution, longevity and biomedicine.
3-Tue	591	Fabio		Barteri	Comparative Analysis of primate genomes to unveil the genetics of maximum lifespan determination.	Tuesday 9 July	Aging from a multidisciplinary overview: evolution, longevity and biomedicine.
4-Tue	980	Sebastián		Cruz-González	Do Methylation Clocks Generalize Across Admixed Populations?	Tuesday 9 July	Aging from a multidisciplinary overview: evolution, longevity and biomedicine.
5-Tue	1058	Stacy		Li	Identifying de novo structural variation in the aging male germline using long reads	Tuesday 9 July	Aging from a multidisciplinary overview: evolution, longevity and biomedicine.
6-Tue	87	Reyhan		Yaka	Comparison and optimization of protocols and whole genome capture conditions for ancient DNA samples	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
7-Tue	312	Rigoberto		Padilla Bustos	An autosomal genome of a Mexican Columbian mammoth informs about its hybridization dynamics with the woolly mammoth in the Americas	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
8-Tue	313	María José		Rodríguez Barrera	Insights into the evolutionary history of Late Pleistocene Mexican camels through mitochondrial DNA phylogenetic analyses	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
9-Tue	321	Pablo	Esteban	Uribe-Herrera	Taxonomic identification of the prehistoric horses from the Basin of Mexico using ancient mitochondrial DNA	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
10-Tue	350	Ioannis		Patramanis	Molecular data from South African species dating to 2 million years ago	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
11-Tue	402	Eduardo		Arrieta Donato	Evaluating genetic dating under different molecular clock calibration scenarios to better understand the evolutionary trajectory Basin of Mexico Columbian mar	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
12-Tue	644	Stephanie		Dolenz	What's (read) size got to do with it?: An assessment of reference bias and spurious mapping	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
13-Tue	653	Marianne		Dehasque	Thinking about the Roman Empire one more time: Roman sheep genomes and the demographic history of domestication in the western Mediterranean	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
14-Tue	751	Paula	F.	Campos	Assessing pre-exploitation baseline numbers and population dynamics of the European sardine <i>Sardina pilchardus</i> Walbaum, 1792 using paleogenomics	Tuesday 9 July	Animal paleogenomics beyond higher latitudes.
15-Tue	221	Jesús Antonio		Rocamontes Morales	Comparative Genomics of <i>Glossophaga mutica</i> (Phyllostomidae): Demographic History and Evolutionary Processes	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
16-Tue	242	Sidney		Davies	Integrating paleontological, morphological and molecular methods of telling evolutionary time - assessing the timescale of crocodilian evolutionary history.	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
17-Tue	246	Wentao		Tao	A Backbone Tree of Formicidae — The First Step to Reveal Ant Evolution in the Cretaceous Terrestrial Revolution and Post K-Pg Extinction Era	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
18-Tue	248	Rafal	Marek	Gutaker	Metagenomics for non-model species and museum collections pave way for studying changes in environmental microbiome.	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
19-Tue	338	Emilio		Mármol Sánchez	Ancient RNA expression profiles from the extinct woolly mammoth	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
20-Tue	428	Tess		Wilson	Optimizing Human Immunodeficiency Virus RNA Reverse Transcription from Archival Fixed Tissues	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
21-Tue	522	Hong Phuong		Le	Herbarium seed embryos as alternative sources of ancient DNA	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
22-Tue	766	Ana		Agapito Vera	Museomics improves and extends orang-utan mitochondrial phylogeny	Tuesday 9 July	Everything that is old becomes new: comparative genomics and museum specimens.
23-Tue	83	Maitiú		Marmion	Hidden in Plain Sight: <i>Staphylococcus argenteus</i> as an obscured public-health risk.	Tuesday 9 July	Evolutionary medical genomics.
24-Tue	107	Marina		Escalera-Zamudio	On the origins of the BA.2.86 ('Prola') SARS-CoV-2 lineage	Tuesday 9 July	Evolutionary medical genomics.
25-Tue	146	Ikuri		Alvarez-Maya	Phylogenetic analysis of <i>Mycobacterium tuberculosis</i> sequences from Mexico in the global situation	Tuesday 9 July	Evolutionary medical genomics.
26-Tue	218	Genavieve	Kathryn	Gray-Sandoval	Quantifying virus-driven adaptation in <i>Myotis</i> genomes using the McDonald Kreitman test	Tuesday 9 July	Evolutionary medical genomics.
27-Tue	229	Neus		Font-Porterías	An introgressed KIR haplotype enabled positive selection on HLA-A, enhancing Natural Killer cell function in Oceania	Tuesday 9 July	Evolutionary medical genomics.
28-Tue	264	Jack	M	Craig	PhyloAges of personal progenitors of blood cells for health, disease, and longevity	Tuesday 9 July	Evolutionary medical genomics.
29-Tue	331	Yosuke		Seto	Molecular evolutionary mechanisms of acquisition of anticancer drug-resistance in lung cancer.	Tuesday 9 July	Evolutionary medical genomics.
30-Tue	406	Eva		Briem	Assessing evolution of primate atherosclerosis using IPSCS	Tuesday 9 July	Evolutionary medical genomics.
31-Tue	451	Berk	A	Alpaly	Directed evolution of a broadly neutralizing antibody precursor	Tuesday 9 July	Evolutionary medical genomics.
32-Tue	465	Alejandra		Herbert Mainero	Searching for adaptations to malaria parasites in blood group genes across non-human primates	Tuesday 9 July	Evolutionary medical genomics.
33-Tue	470	Liaoyi		Xu	The genetic architecture and the evolutionary consequences of the human pelvic form	Tuesday 9 July	Evolutionary medical genomics.
34-Tue	478	Jean-Francois		Gout	Mutation and fitness landscape of SARS-CoV-2 reveal strong selection on synonymous mutations	Tuesday 9 July	Evolutionary medical genomics.
35-Tue	503	Xavier		Soler Sanchis	Beyond Driver Mutations: Evolutionary Clustering of Cancer Patients for Precision Medicine	Tuesday 9 July	Evolutionary medical genomics.
36-Tue	520	Ashley		Taylor	Shifting mutational constraints in the SARS-CoV-2 receptor-binding domain during viral evolution	Tuesday 9 July	Evolutionary medical genomics.
37-Tue	587	Federico		Billici	Evolutionary informed polygenic risk scores	Tuesday 9 July	Evolutionary medical genomics.
38-Tue	638	Ekaterina		Riiumina	HLA class I escape drives the evolution of SARS-CoV-2 in human population	Tuesday 9 July	Evolutionary medical genomics.
39-Tue	667	Hend		Abu-Elmakarem	Malaria in African monkeys: recovering the genomes of <i>Plasmodium</i> and <i>Hepatoctystis</i> parasites from a co-infected monkey	Tuesday 9 July	Evolutionary medical genomics.
40-Tue	768	Charlie	W J	Pugh	Investigating the dynamics of protein constraint across the tree of life with deep Bayesian hierarchical models.	Tuesday 9 July	Evolutionary medical genomics.
41-Tue	769	Mohamed	Bayoumi Fahr	Hawash	Transcriptional, epigenetic and evolutionary mechanisms shaped the acute inflammatory response of endothelial cells across mammals.	Tuesday 9 July	Evolutionary medical genomics.
42-Tue	770	Emma	M.	Pfortmiller	Investigating the robustness of response to environmental perturbations across primate cardiomyocytes	Tuesday 9 July	Evolutionary medical genomics.
43-Tue	805	Elle		Loughran	Characterisation of haploinsufficient tumour suppressor genes across human cancers	Tuesday 9 July	Evolutionary medical genomics.
44-Tue	1047	Tongqiu		Jia	Dissecting the Spatial Dynamics of <i>Pseudomonas aeruginosa</i> Persistence in Cystic Fibrosis under CFTR Modulator Therapy	Tuesday 9 July	Evolutionary medical genomics.
45-Tue	1050	Luca		Ferretti	Discovery of a virulent HIV variant and implications for the evolution of virulence	Tuesday 9 July	Evolutionary medical genomics.
46-Tue	1126	Omar	E	Cornejo	Selection drives the evolution of genes involved in the response of the human vaginal epithelium to <i>Lactobacillus crispatus</i>	Tuesday 9 July	Evolutionary medical genomics.
47-Tue	135	Xin		Luo	Comparative single-cell regulome reveals evolutionary innovations in neural progenitor cells during primate corticogenesis	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
48-Tue	186	Yichen (Serena)		Dai	Evolutionary origin of the chordate nervous system revealed by amphioxus developmental trajectories	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
49-Tue	347	Luciana		Santoferrara	Single-cell RNA sequencing for phylogenomic analyses of uncultivable microbial eukaryotes - A case study with marine planktonic protists (Protista, Ciliophora)	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
50-Tue	514	Wei		Lu	Cell type differences underlying color vision diversification in Heliconius butterflies	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
51-Tue	618	Helena		Parra-Acero	Single-cell and spatial transcriptomics of diverse organisms at the Swedish National Genomics Infrastructure (NGI)	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
52-Tue	707	Octavio		Zambada-Moreno	Exploring single-cell gene expression of immune adaptations in Indigenous Communities from México and Colombia	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
53-Tue	841	Cauã	Antunes	Westmann	How one becomes another: exploring the role of exaptation on the evolution of gene regulation	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
54-Tue	1018	John		Chemberlin	Improved characterization of single-cell RNA-seq libraries with paired-end avidity sequencing	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
55-Tue	1086	Apoorva		Ganesh	Evaluation of a deeply conserved vertebrate signal of neuronal activation in plethodontid salamanders	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
56-Tue	1092	Adolfo		Rojas	LatinCells: empowering research capacity in Latin America through community engagement, infrastructure development, and single-cell RNA profiling of diverse	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
57-Tue	1129	Mónica		Padilla Gálvez	Disentangling the gene regulatory network controlling intrinsic antiviral immunity in stem cells	Tuesday 9 July	Exploring the Frontiers of Single-Cell Biology in Diverse Organisms.
58-Tue	545	Sthen	A	Campana	Enhancing Py_ped_sim Simulations to Create More Dynamic Pedigrees	Tuesday 9 July	Genetics, Molecular Biology, and the Future of Forensic Science.
59-Tue	691	Fernando		González-Candelas	Improved identification of victims from the Spanish Civil War with HTS technology	Tuesday 9 July	Genetics, Molecular Biology, and the Future of Forensic Science.
60-Tue	935	Miguel	Alberto	Guardado	Quantifying the Accuracy of Investigative Genetic Genealogy (IGG) through Population Genetic Simulations via py_ped_sim	Tuesday 9 July	Genetics, Molecular Biology, and the Future of Forensic Science.
61-Tue	982	Kamillah	T	Felix	Comparing accuracy of forensic DNA mixture analysis across groups with varying genetic diversity.	Tuesday 9 July	Genetics, Molecular Biology, and the Future of Forensic Science.
62-Tue	625	Marina		Silva	Small-scale genetic histories from Roman Britain	Tuesday 9 July	Going local: Using engaged research practices to understand regional-scale interactions.
63-Tue	170	Arun		Sethuraman	Estimating relatedness in structured and admixed populations using the distributions of Identity By Descent tract lengths	Tuesday 9 July	Haplotype-based methods and frameworks for inference of evolutionary history.
64-Tue	223	Sebastián		Iturbe	Leveraging the Ancestral Recombination Graph to estimate the STR mutation model	Tuesday 9 July	Haplotype-based methods and frameworks for inference of evolutionary history.
65-Tue	400	Antonio		Garrido Marques	Assessing the impact of post-mortem damage and contamination on imputation performance in ancient DNA	Tuesday 9 July	Haplotype-based methods and frameworks for inference of evolutionary history.
66-Tue	588	Théo		Cavinato	Distinguishing between 2nd-degree relationships in ancient pedigrees using IBD detection	Tuesday 9 July	Haplotype-based methods and frameworks for inference of evolutionary history.
67-Tue	833	Hisham		Ali	The effect of divergent and parallel selection on the genomic landscape of divergence	Tuesday 9 July	Haplotype-based methods and frameworks for inference of evolutionary history.
68-Tue	955	Andrew	J	Harris	Single-Haplotype Genome Assemblies Reveal the Enigmatic Evolution of Felid Genome Architecture	Tuesday 9 July	Haplotype-based methods and frameworks for inference of evolutionary history.
69-Tue	149	Christopher	J	Fiscus	Disentangling the Evolution of Grape Crop Wild Relatives	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
70-Tue	154	José	Carlos	Moreno Juárez	Genetic diversity of <i>Zea diploperennis</i> and strategies for its conservation	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.

71-Tue	296	Forrest		Li	The utility of landrace environmental data for climate-adaptive maize breeding	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
72-Tue	302	Carmina	NA	Martínez-González	Traditional crops as reservoirs of genetic diversity: the case of pumpkin Cucurbita pepo ssp. pepo in Mexico	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
73-Tue	367	Amy	C.	Jackson	The improvement of shattering traits in key climate-resilient under-utilised crops using Crispr-Cas9 technology.	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
74-Tue	496	Natalia	Elena	Martínez-Ainsworth	Domestication gradient in Capsicum annuum chile pepper's center of origin: implications under climate change scenarios drawn from niche models and genomics	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
75-Tue	626	Miriam	Monserrat	Ferrer	The distribution of self-incompatibility systems in cultivated angiosperms, facing global changes	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
76-Tue	744	Sabhrina		Aninta	Genomic landscape of introgression in Indonesian cattle and its implication for their adaptive potential	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
77-Tue	799	Irene		Martínez Velasco	The domestication process of two Agave species used for mezcals production with different propagation methods and evolutionary histories.	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
78-Tue	960	Jennifer		Molinet	Disentangling the genetic bases of adaptation to a warmer world	Tuesday 9 July	Impact of environmental changes on agrobiodiversity and strategies for resilience.
79-Tue	95	Brenda	Paulina	Vázquez Ramírez	Magellanic penguin feather-dependent ectosymbiont bacteria discovered by genomes assembled from metagenomes	Tuesday 9 July	Molecular evolution through metagenomics.
80-Tue	236	Kimberly	Lynette	Acevedo	The Influence of Aspergillus Starter Cultures on Microbes Found in Miso	Tuesday 9 July	Molecular evolution through metagenomics.
81-Tue	292	Zhiu		Liu	Dynamics of bacterial recombination in the human gut microbiome	Tuesday 9 July	Molecular evolution through metagenomics.
82-Tue	299	Diego		Zubillaga-Martin	Monkey's bacteria: knowing the gut microbiome of wild mexican primates	Tuesday 9 July	Molecular evolution through metagenomics.
83-Tue	453	Stella		Cellier-Goetghebeur	The emergence of a resistance mechanism to a synthetic antimicrobial in the resistome: when genomic mobilization is enough	Tuesday 9 July	Molecular evolution through metagenomics.
84-Tue	462	Sophie	Jean	Walton	Quantifying negative selection on introgressed fragments in human gut bacteria	Tuesday 9 July	Molecular evolution through metagenomics.
85-Tue	635	Katharina		Trost	A universal and constant rate of gene content change traces pangenomes to LUCA	Tuesday 9 July	Molecular evolution through metagenomics.
86-Tue	712	Haim		Ashkenazy	The evolution of Arabidopsis thaliana-associated Pseudomonas and Sphingomonas	Tuesday 9 July	Molecular evolution through metagenomics.
87-Tue	802	Anell	Del Carmen	García-Romero	Effect of glyphosate use on microbial communities in a black lepto soil of Yucatan, Mexico	Tuesday 9 July	Molecular evolution through metagenomics.
88-Tue	838	María Alejandra	Ocaña	Ek	Comparison of the microbiota of a red soil under different doses of glyphosate	Tuesday 9 July	Molecular evolution through metagenomics.
89-Tue	1022	Evan	B.	Ou	Phylogeny-aware strain profiling limits false positive detections and quantifies divergence time of novel strains	Tuesday 9 July	Molecular evolution through metagenomics.
90-Tue	66	Cedric	C.S.	Tan	The evolutionary correlates of viral host jumps	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
91-Tue	69	Jason		Tarkington	Characterizing Pareto fronts: Trade-offs in the yeast growth cycle constrain adaptation	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
92-Tue	96	Aaron	W	Reinke	Functional consequences of reductive protein evolution in a minimal eukaryotic genome	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
93-Tue	244	Olivier		Tenaillon	Dynamics and change in fitness effects of mutations through long-term bacterial evolution	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
94-Tue	437	Tyler	N	Starr	The evolutionary origins of human ACE2 receptor binding among bat sarbecoviruses	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
95-Tue	516	Rebecca		Man	The Influence of Lateral Transduction on Bacterial Genome Content and Structure.	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
96-Tue	661	Aashish	R	Jha	Multi-omics reveals host-microbiome interaction in the oral cavity underlying obesity	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
97-Tue	750	Tania		Alonso-Vázquez	HGFIT: Assessing the impact of HGT on metabolic fitness through the simulation of random transfer events in Escherichia coli's	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
98-Tue	813	Lily	M	Karim	Creating Online Phylogenetic Resources for the Mycobacterium Tuberculosis Complex	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
99-Tue	816	Lucia		Grana Miraglia	Developing Robust Machine Learning Models for AMR Prediction in Pseudomonas aeruginosa	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
100-Tue	991	Evangoulos	Antonios	Dimopoulos	Host adaptation of Campylobacter jejuni and the sources of human infection in California	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
101-Tue	1075	Eric	X	Gan	Host ACE2 Sequence Evolution Identifies SARS-Related Sarbecovirus Reservoirs	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
102-Tue	1115	Misael Daniel		Mançilla	Assembly of the gut microbiota during early life in the Brown Booby	Tuesday 9 July	One Health and microbial evolution: New ideas and perspectives.
103-Tue	63	Eran		Elhaik	Deep Reconstruction of the Migration History of the World	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
104-Tue	86	Imke		Lankheet	Unlocking the Past: Ancient Protein Analysis Sheds Light on Early Human Evolution in Southern Africa	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
105-Tue	147	Laurits		Skov	Reconstructing the history of archaic introgression in modern humans: insights from whole genome sequences of worldwide populations	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
106-Tue	161	Sofia		Vieyra-Sánchez	Genomic signatures of archaic introgression in human populations across the Pacific	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
107-Tue	169	Gozde		Atağ	Grave Matters: Discerning Ancient DNA Profiles from Grave Dirt vs. Skeletal Remains	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
108-Tue	231	Haechan		Gill	Reconstructing the genetic relationship between ancient and present-day Siberian populations	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
109-Tue	240	Xiaowen		Jia	Evaluating Local Ancestry Inference Analysis of Ancient DNA Data	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
110-Tue	288	Phina		Cohen	Evaluating the applicability of imputation and kinship analyses for ancient sedimentary DNA datasets	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
111-Tue	332	Chyi Yin		Gwee	Elucidating the history of the European crow hybrid zone with paleogenomics	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
112-Tue	335	Yoko		Satta	When and where did our ancestor interbreed with Denisovans?	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
113-Tue	364	Judith		Ballesteros Villascán	Exploring the genetic diversity in the Americas through ancient whole genomes	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
114-Tue	444	Leonardo	Yair	Correa Mendoza	Genetic affinities and social structure analysis of individuals found at the Sa Galera Sanctuary inferred from paleogenomic data	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
115-Tue	461	Liran		Carmel	A method for reconstructing ancient DNA methylation of additional archaic samples	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
116-Tue	510	Sarah	A	Johnson	Evaluating the reliability of f-statistics for making population genetics inferences using archaeological sediment samples	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
117-Tue	524	Juhyeon		Lee	Medieval genomes from eastern Mongolia share a stable genetic profile over a millennium	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
118-Tue	598	Linda		Ongaro	Optimising imputation and IBD segment retrieval in ancient genomes	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
119-Tue	645	Jiaqi		Yang	Detecting introgressed archaic haplotypes in ancient human genomes	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
120-Tue	703	Remi		Denise	Unveiling Ancient Viral Communities: Insights from Coprolite and Dental Calculus Metagenomes	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
121-Tue	713	Adamandia		Kapopoulou	The impact of selection on human sex-specific genetic diversity: an ancient genomes perspective	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
122-Tue	714	Angeliki		Papadopoulou	The genetic history of Neolithic to Bronze Age Aegean at the crossroad between Anatolia and Europe	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
123-Tue	759	Victor Yan Kin		Lee	An Algorithm for Optimally Partitioning Spatiotemporal Archaeological and Genetic Data	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
124-Tue	762	Lucas		Anchieri	Evaluating the bias affecting population genetics analyses when co-analyzing Whole Genome Shotgun sequencing and 1240K capture genomes	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
125-Tue	806	Mary		Reed-Weston	Quantifying differential host adaptation during the viral life cycle	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
126-Tue	847	Aina		Colomer i Vilaplana	Evaluating allele frequency trajectory and selection coefficient estimates from genealogies including ancient DNA	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
127-Tue	885	Michael	James	Boyle	Preservation of ancient DNA in archaeological sediment from Stone Age Mongolia	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
128-Tue	958	Emily	M	Breslin	Ice Age Interactions: Insights from Late Upper Palaeolithic genomes using haplotype-based analyses	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
129-Tue	971	Walter		Nicolas Ortega	Genomic capture and typing of HLA in individuals from the pre-hispanic and colonial period of Mexico	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
130-Tue	983	Addison	B.	Lander	Determining the prevalence of adaptive evolution in genomic regulatory sequences of Myotis bats	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
131-Tue	1060	Viridiana		Villa Islas	Benchmarking imputation accuracy in Ancient DNA datasets of pre-Columbian individuals from Mexico	Tuesday 9 July	Paleogenomics and human evolutionary history: new insights and novel methods.
132-Tue	82	Jia Jun		Ngiang	Genomic insights into a forest reserve reveal ecological stratification of R genes and CYP450 family genes	Tuesday 9 July	Pushing the frontiers of conservation genomics.
133-Tue	91	Christopher	C	Kyrizias	The influence of gene flow on population viability in an isolated urban caracal population	Tuesday 9 July	Pushing the frontiers of conservation genomics.
134-Tue	101	Anna Maria		Calderon	Genomic Consequences of Strong Bottlenecks in a Previously Endangered Bird	Tuesday 9 July	Pushing the frontiers of conservation genomics.
135-Tue	103	Sebastian		Alvarez-Costes	Leveraging synteny to generate reference genomes for conservation: Assembling the genomes of Hector's and Māui dolphins	Tuesday 9 July	Pushing the frontiers of conservation genomics.
136-Tue	105	Andrea	L	Schraven	Genetic management for an endangered carnivore: the spatiotemporal impacts of supplementation.	Tuesday 9 July	Pushing the frontiers of conservation genomics.
137-Tue	239	Misato		Ogasahara	Genetic structure of Shorea curtisii and S. leprosula (Dipterocarpaceae) in Southeast Asia using MIG-seq	Tuesday 9 July	Pushing the frontiers of conservation genomics.
138-Tue	288	Diana		Aguilar Gomez	Critically endangered Rice's whale exhibits an unexpectedly complex demographic history	Tuesday 9 July	Pushing the frontiers of conservation genomics.
139-Tue	294	Katherine		McVay	Genomics of Brazilian howler monkeys reveals adaptation to malaria	Tuesday 9 July	Pushing the frontiers of conservation genomics.
140-Tue	343	Termitope	Opeyemi	Oriowo	Cryptic diversity in Eurasian minnows: Implications for the conservation of German freshwater fishes	Tuesday 9 July	Pushing the frontiers of conservation genomics.
141-Tue	403	Gabe	D	O'Reilly	Nearly-neutral theory in Asian Elephants and the conservation implications of deleterious mutation accumulation.	Tuesday 9 July	Pushing the frontiers of conservation genomics.
142-Tue	414	Alexis	Omar	Tarula-Marin	Population structure of two butterfly rays from Gymnura genus in the California Gulf using ddRADseq	Tuesday 9 July	Pushing the frontiers of conservation genomics.
143-Tue	435	Linnéa		Smeds	Structural genomic variation in the inbred Scandinavian wolf population contributes to the realized genetic load but is positively affected by immigration	Tuesday 9 July	Pushing the frontiers of conservation genomics.
144-Tue	490	Andrew	J	Tighe	Counting invisible elephants. Using non-invasive DNA sequencing approaches to monitor wild elephants.	Tuesday 9 July	Pushing the frontiers of conservation genomics.
145-Tue	497	Eleana		Karachaliou	Past, present & future sea lamprey (Petromyzon marinus) conservation genomics	Tuesday 9 July	Pushing the frontiers of conservation genomics.
146-Tue	512	Mijn		Park	Whole genome sequencing of Greenland muskox (Ovibos moschatus) individuals using surface-deposited skeletal elements	Tuesday 9 July	Pushing the frontiers of conservation genomics.
147-Tue	525	Natalie		Payne	Exploring the Bobcat Holobiome: Applications of Conservation Multiomics at the Wildland Urban Interface	Tuesday 9 July	Pushing the frontiers of conservation genomics.
148-Tue	526	Adeola	Oluwakemi	Ayoola	Genetic variation, adaptation, and conservation of guenons across multiple natural environments	Tuesday 9 July	Pushing the frontiers of conservation genomics.
149-Tue	553	Karla	L.	Velarde-Mota	Genome connectivity of juvenile sharks Sphyrna lewini in potential nursery areas of the southern Gulf of California	Tuesday 9 July	Pushing the frontiers of conservation genomics.

150-Tue	585	Abhinav		Tyagi	Prey in Peril: Impact of Habitat Alterations on two Large Herbivore species in Central Indian Landscape	Tuesday 9 July	Pushing the frontiers of conservation genomics.
151-Tue	604	BV Aditi		Prasad	Pedigree reconstruction informs conservation genomics: Inbreeding and mating patterns of a wild tiger population	Tuesday 9 July	Pushing the frontiers of conservation genomics.
152-Tue	614	Eugenia		Zarza	Metagenomic analysis in tropical fresh and wastewater	Tuesday 9 July	Pushing the frontiers of conservation genomics.
153-Tue	649	Rebecca	S.	Taylor	The double-edged sword of genetic diversity in caribou	Tuesday 9 July	Pushing the frontiers of conservation genomics.
154-Tue	687	Gabriel		David	The Role of Population History in Shaping the Mutational Load of Structural Variants Relative to SNPs, in Distinct Island versus Continental Lagopus Lineages	Tuesday 9 July	Pushing the frontiers of conservation genomics.
155-Tue	699	Alexander		Hooff van Huysduynen	Heavily fished Malawi cichlids rapidly adapt to anthropogenic pressures.	Tuesday 9 July	Pushing the frontiers of conservation genomics.
156-Tue	708	Katerina		Zapfe	Diversity patterns of estuarine fish communities across an urban gradient in Okinawa	Tuesday 9 July	Pushing the frontiers of conservation genomics.
157-Tue	722	N. Jade		Mellor	Regulatory divergences and ecological adaptation in <i>Gopherus morafkai</i> and <i>G. agassizii</i>	Tuesday 9 July	Pushing the frontiers of conservation genomics.
158-Tue	745	J. Camilo		Chacón-Duque	Developing new strategies to characterise genomic variation for biodiversity conservation	Tuesday 9 July	Pushing the frontiers of conservation genomics.
159-Tue	778	Esther	Denice	de la Cruz Santos	Contrasting levels of genetic diversity in two endemic axolotl species from Michoacan Mexico.	Tuesday 9 July	Pushing the frontiers of conservation genomics.
160-Tue	880	Raul	A	Gonzalez-Pech	A paleogenomic approach to reconstruct historical responses of coral reefs to anthropogenic change	Tuesday 9 July	Pushing the frontiers of conservation genomics.
161-Tue	936	Tina		Cai	Using comparative transcriptomics to understand response to heat stress in polar fishes	Tuesday 9 July	Pushing the frontiers of conservation genomics.
162-Tue	1044	Victoria	B	Grant	Decoding the population structure and history of the world's deadliest cat: (<i>Felis nigripes</i>) the black-footed cat	Tuesday 9 July	Pushing the frontiers of conservation genomics.
163-Tue	1070	Joana	L	Rocha	North African fox genomes show signatures of repeated introgression and adaptation to life in deserts	Tuesday 9 July	Pushing the frontiers of conservation genomics.
164-Tue	1083	Francisco		García Franco	New model of hybrid incompatibility by metabolic control reveals the origin of overdominance and inbreeding depression: antecedent of Darwin's corollary.	Tuesday 9 July	Pushing the frontiers of conservation genomics.
165-Tue	141	Rocio		Enriquez-Gasca	Transposable Element expression across mammalian organ development	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
166-Tue	177	Andrea	D	Ordoñez	Transposon-mediated evolution of bat immune signaling receptors	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
167-Tue	194	Hayley	Beth	Free	Novel Endogenous Retroviruses Identified in Anuran	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
168-Tue	339	Almoró		Scarpa	Two centuries of transposable element invasions in <i>Drosophila melanogaster</i>	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
169-Tue	360	Sarah		Saadain	"Un-trapping": Does the size of piRNA clusters predict the abundance of transposable element insertions?	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
170-Tue	412	Brandon		Turner	Transposable elements rapidly induce chromosomal rearrangements in locally adapted island <i>Drosophila</i>	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
171-Tue	784	María del Pilar		Castellanos	Functional study of DPLG3, a PIF transposable element domesticated protein, in <i>Drosophila melanogaster</i>	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
172-Tue	808	Anthony		Venon	Transposable element copy variation in cultivated apples, and their wild apple relatives	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
173-Tue	875	Chathuri Devmika		Wickramasinghe	Insights into PIF transposase-derived gene functionality in germline development in <i>Drosophila</i>	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
174-Tue	920	Michelle		Hays	Epistasis analysis reveals adaptive separation-of-function mutants in experimentally evolved <i>Saccharomyces cerevisiae</i>	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
175-Tue	990	John	Dennis	Hurley	SINE elements contribute to regulatory regions during cardiomyocyte differentiation in humans and chimpanzees	Tuesday 9 July	Transposable elements in the population genomics era: towards a better understanding of their contribution to evolution.
176-Tue	1055	Rajeev	K	Azad	Biosurveillance of zoonotic coronaviruses through an alignment-free physicochemical clustering approach	Tuesday 9 July	Structural phylogenetics: investigating deep evolutionary history using protein structure.
1-Wed	129	Seth	A	Frazier	Discovering genotype-phenotype relationships with machine learning and the Visual Physiology Opsin Database (VPOD)	Wednesday 10 July	Advances in Machine Learning for Evolutionary Genomics.
2-Wed	158	Martin		Kuhlilm	Novel approaches for detecting ghost admixture	Wednesday 10 July	Advances in Machine Learning for Evolutionary Genomics.
3-Wed	423	Jordan		Rodriguez	Ecolocator: A supervised machine learning model for location and climate-of-origin prediction	Wednesday 10 July	Advances in Machine Learning for Evolutionary Genomics.
4-Wed	895	Priyanshi	P	Shah	"A Machine Learning Approach to Predicting Tumor Status through Telomere Length Variation (TLV) Analysis"	Wednesday 10 July	Advances in Machine Learning for Evolutionary Genomics.
5-Wed	937	Micaela		Long Grosso	Graph embeddings for population genetics data visualization	Wednesday 10 July	Advances in Machine Learning for Evolutionary Genomics.
6-Wed	1067	Alan	Vladimir	Godínez Plascencia	A Deep Learning approach for HLA typing on ancient DNA data.	Wednesday 10 July	Advances in Machine Learning for Evolutionary Genomics.
7-Wed	211	Giovanna		Selleghin Veiga	Evolution of the peroxiredoxin gene family: an antioxidant enzyme in the context of hypoxia-induced by aquatic mammals dives.	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
8-Wed	276	Wenjun		Zhou	A genomic perspective of variation in a highly diverse Dipteran family	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
9-Wed	344	S. Lorena		Ament-Velásquez	NLRs on the move: Transposition drives the diversification of fungal immune receptors	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
10-Wed	368	Sarahjane		Power	Exploring MicroRNA Evolutionary Dynamics in Mammals	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
11-Wed	380	Jeffrey		Groh	Distinct Ancient Structural Polymorphisms Control Heterodichogamy in Walnuts and Hickories	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
12-Wed	417	Charles	F	Baer	Spontaneous mutation rate for and strength of purifying selection against structural variants in the <i>C. elegans</i> genome	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
13-Wed	418	Marta		Coronado-Zamora	Structural variants contribute to <i>Anopheles gambiae</i> and <i>An. coluzzi</i> adaptation to urban environments	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
14-Wed	529	Yang		Li	Transcriptomic and proteomic effects of gene deletion are evolutionarily unconserved	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
15-Wed	541	Lucia		Bazan Williamson	The new complete human genome assembly provides new insights in Copy Number Variations across humans	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
16-Wed	612	Vasiliki		Tsapalou	"Characterization of Inversions in 1000 Individuals across the Human Population using Single-Cell Pooled and Long-Read Data."	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
17-Wed	695	Meng-Ting		Hsieh	De novo chromosome-scale assembly of an indica x japonica hybrid rice landrace from Vietnam	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
18-Wed	790	Catherine	F	Collins	Imperfect plagiarism: the evolutionary fate of laterally acquired structural variants in grasses	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
19-Wed	823	Saswat	Kumar	Mohanty	Evolution of G-Quadruplex Motifs Across Ape Telomere-To-Telomere Genomes	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
20-Wed	829	Nikesh	M	Kumar	Investigating inversions in Lake Malawi cichlids for a role in speciation and phenotypic variation	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
21-Wed	1085	Gabriel	A	Preisling	Genomic and Transcriptomic Signatures of Alternative Reproductive Tactics in a Mexican Poeciliid	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
22-Wed	162	Hernán	E.	Morales	Genomic erosion through time in avian species undergoing population collapse	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
23-Wed	549	Tania		Garrido-Garduño	Unveiling genetic and ecological factors driving divergence population in Mesoamerican Common Mustached Bat	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
24-Wed	824	Bianca		De Sanctis	Ancient environmental DNA from the Pliocene High Terrace deposits in the Canadian High Arctic	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
25-Wed	918	Gabriela		Narváez	Phylogenomic reconstruction and evolutionary history of the <i>Nothofagus</i> of South America	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
26-Wed	919	Gonçalo	E.	Themudo	The impact of whaling in the Northeast Atlantic right whale population (<i>Eubalaena glacialis</i>) using palaeogenomics	Wednesday 10 July	Deciphering the functional and adaptive effects of genomic structural variation.
27-Wed	45	Genlou		Sun	Genome doubling results in N6-Methyladenosine and physiological response divergence enhanced tetraploid <i>Hordeum bulbosum</i> tolerance to salt stress	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
28-Wed	78	CHIH-KUAN		CHEN	Wolbachia from natal downs to juvenile feathers: conserved regulatory switches in birds	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
29-Wed	224	Jodie		Jacobs	Wolbachia induces cellular differentiation in <i>Drosophila</i> cell culture cells following stable infection.	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
30-Wed	263	Janay	A.	Fox	Exposure to early-life stress induces developmental shifts in behaviour and DNA methylation in a small prey fish	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
31-Wed	463	María	De Lourdes	Andrade Ludeña	Novel insights into X-Chromosome Inactivation through <i>Peromyscus leucopus</i>	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
32-Wed	698	Tamsin		Woodman	Parent-of-origin specific DNA methylation and extreme sexual dimorphism in the absence of sex chromosomes	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
33-Wed	711	Justin	J.S.	Wilcox	Somatic-Mutation Based Deconvolution of 5MC in CpG and Non-CpG Context	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
34-Wed	728	Stephanie		McKay	Constructing a cattle and sheep pan-epigenome to elucidate epigenetic impacts upon gene expression and phenotypic variation	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
35-Wed	793	Kimberly		Griffin	Defining the Role of Cis-Acting DNA Sequence in Evolutionary Divergence of the Bivalent Chromatin State in Mammals	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
36-Wed	1049	Hober Nelson		Núñez Martínez	CTCF regulates a lncRNA to coordinate chromatin landscape and gene expression in hematopoietic cells	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
37-Wed	1098	Dongmin		Son	Evolutionary study on DNA methylation in the tree shrew brain and its role in X chromosome inactivation	Wednesday 10 July	Epigenetic inheritance: from molecular mechanisms to evolutionary consequences.
38-Wed	191	Rowan		Green	How ecological interactions shape microbial mutation rates: a story of collective detoxification	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
39-Wed	275	Kathryn		MacGillivray	Accelerating evolution of T6SS resistance during experimental evolution	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
40-Wed	359	Sheila		Roitman	Expanding the Plant Microbiome	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
41-Wed	388	Miguel	Angel	López-Garrido	Diazotrophic endophytic community in <i>Cordia dodecandra</i> phyllosphere according to management in agroforestry systems	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
42-Wed	427	Cade		Mirchandani	Mixed Wolbachia infections resolve rapidly during <i>in vitro</i> evolution	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
43-Wed	476	Angelina	G.	Chan	Adaptive Mechanisms of K1 Killer Toxin Resistance from a Sensitive-Killer Coevolution in Budding Yeast (<i>S. cerevisiae</i>)	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
44-Wed	559	Malik	L	Morrison	Quantifying the stability of microbiomes and the timescale of antibiotic perturbation with FAVA	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
45-Wed	609	Arturo		Veru Ponce de Leon	The Salmon Microbial Genome Atlas enables novel insights into bacteria-host interactions via functional mapping.	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
46-Wed	619	Adamandia		Kapopoulou	An Integrated Pipeline of Machine Learning Techniques for Analysing Microbial Communities	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
47-Wed	758	Ana		Cuesta-Maté	Acetic acid bacteria: an evolutionary story of the quest for sugar	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
48-Wed	800	Jennafer		Hamlin	Expanded Geographic Distribution for Two <i>Legionella pneumophila</i> Sequence Types of Clinical Concern	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
49-Wed	836	Sarah	J	Johnson	The influence of subsistence strategies on oral microbiome composition and function in ancient populations	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
50-Wed	900	Louise	M	Flanagan	How does nutrient environment and varying mutational constraint impact regulatory rewiring in bacteria?	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
51-Wed	964	Alexander		Kramer	Phylo-pangenomics: read mapping and variant detection in huge microbial datasets guided by pandemic scale evolutionary history	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
52-Wed	970	Gabriel Yaxal		Ponce Soto	Building a reference genomic database of oral microbes for high-resolution oral microbiome analyses	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?

53-Wed	1037	Sophia		Phillips	The lipopolysaccharide specificity of mammalian TLR4/MD-2 complexes has fluctuated randomly over evolutionary time	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
54-Wed	1089	Miriam	Sarahi	Lozano Gamboa	Genomic Insights into the Evolutionary Trajectory of Antibiotic Resistance in <i>Klebsiella</i> spp. and <i>Escherichia coli</i> : A Study from Central Mexico (2020-2023)	Wednesday 10 July	Evolution of microbial communities: is the sum of parts greater than the whole?
55-Wed	179	Stacy	L	Edington	Geographic and Environmental Impact on Genetic Variation in Khoe-San Descendant Communities in South Africa	Wednesday 10 July	Genomes and Generations: Mapping Health and Heritage Through African Genomics.
56-Wed	180	Laura	N	Pott	Ancient mitogenomes highlight legacy of Transatlantic Slave Trade in Peru	Wednesday 10 July	Genomes and Generations: Mapping Health and Heritage Through African Genomics.
57-Wed	519	Dana	R.	Al-Hindi	Genetic signatures from the Dutch East India slave trade in southern Africa	Wednesday 10 July	Genomes and Generations: Mapping Health and Heritage Through African Genomics.
58-Wed	654	Aigerim		Rymbekova	Ghost admixture in present-day African genomes	Wednesday 10 July	Genomes and Generations: Mapping Health and Heritage Through African Genomics.
59-Wed	172	Zehra		Köksal	Historic migration routes of Native American males: reconstructing distribution patterns of Y-chromosomal haplogroup Q sublineages throughout South America	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
60-Wed	268	Kim-Louise		Krettek	Ancient genomic data reveals multiple genetic shifts in the demographic history of Colombia	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
61-Wed	394	Maria	Fernanda	Miron Toruno	Identifying signals of natural selection in unadmixed individuals of the Mexican Biobank	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
62-Wed	433	Franco	Leonel	Marsico	Exploring Recent Adaptation in the Americas: Genome-Wide Analysis of an admixed Cohort	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
63-Wed	439	Mario	Andres	Aparita	Functional genomic insights into the evolution of the arsenic tolerance in Andean populations	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
64-Wed	452	Javier		Maravall López	Ancient genomes from the northern Southern Cone document thousands of years of continuity of a deep South American lineage	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
65-Wed	652	Celia	D	Cleary	Ancient Mitogenomes from Belize Provide Insights into the Mobility and Migration of Ancient Communities in Mesoamerica and the Caribbean.	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
66-Wed	776	Kendra		Scheer	Local adaptive retention of high amylase copy number haplotypes in Peruvian potato farmers at historical time scale	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
67-Wed	606	Paola		Everardo	Genetic Variants Associated with Skin Pigmentation in a Mayan Population of the Yucatan Peninsula	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
68-Wed	1030	David		Peede	The MUC19 gene in Denisovans, Neanderthals, and Modern Humans: An Evolutionary History of Recurrent Introgression and Natural Selection	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
69-Wed	1043	Zara	Paulina	Martínez-Sánchez	Unraveling transpacific immigrations to Peru and the Philippines between the mid-16th and early 20th centuries	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
70-Wed	1103	Roslyn		Curry	Reconstructing Western and Northern Mexico's Past	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
71-Wed	1110	Alison	R	Barton	Evidence for genetic continuity, contacts, and changing social organization in the Central Andes from ancient DNA	Wednesday 10 July	Human population demography and adaptation signals in the Americas.
72-Wed	124	Shady	A	Kuster	Does mitochondrial coevolution affect genome-wide signatures of speciation?	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
73-Wed	197	Marco		Passamonti	The emerging role of mitochondrially encoded small interfering RNAs to regulate nuclear gene expression.	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
74-Wed	200	Giovanni		Marturano	SmithHunter: a novel, unified workflow for the identification of candidate smithRNAs and their targets	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
75-Wed	202	Ariane		Pouliot-Drouin	Investigating the impact of naturally occurring heteroplasmy on mitochondrial functions in gills of the blue mussel (<i>Mytilus edulis</i>)	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
76-Wed	203	Ludovic		Nadeau-Lachance	The alternative mystery of the mitochondrial genome	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
77-Wed	205	Aidan		Pierce	Patterns of gene loss in endosymbionts at the origin of eukaryotes	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
78-Wed	207	Alexandre	A.	Schifano	Key differences in the mitochondrial mutation spectrum and heteroplasmy levels between laboratory and natural populations of <i>Caenorhabditis elegans</i>	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
79-Wed	225	Julie		Brémaud	Do the sex-specific mitochondrial genes play a role in sex determination in DUI bivalves?	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
80-Wed	384	Alessandro		Formaggioli	Clues on the biogenesis of mitochondrial short non-coding RNAs from in silico and in vitro approaches	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
81-Wed	397	Oscar		Wainio	Evidence of convergent evolution in the nuclear and mitochondrial OXPHOS genes across <i>Squamata</i> deep lineages	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
82-Wed	422	Iuri		Icaro	The stick insect genus <i>Bacillus</i> and the role of small mitochondrial highly transcribed RNAs (smRNAs) in hybridization and speciation.	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
83-Wed	564	Finley		Grover-Thomas	Has the human mitochondrial genome evolved under environmentally mediated natural selection?	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
84-Wed	741	Dmitrii		Iliuschenko	Mitochondrial mutation spectrum in Chordates: damage versus replication signatures, causes, and dynamics	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
85-Wed	792	David	M	Rand	Mitochondrial genotypes as integrators of epistasis and GxE for complex traits in <i>Drosophila</i>	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
86-Wed	858	Dan	Alexandru	Tatulescu	Earth, Wind, and... Water?: A Look into Mitochondrial Coevolution across Birds	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
87-Wed	897	Eduardo		Torres-González	Evolutionary Dynamics of Mitochondrial Sequences Present in Nuclear Telomere-to-Telomere (T2T) Genomes of Apes	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
88-Wed	1120	Amara		Shaukat	The genetic and phenotypic correlates of mtDNA copy number in the Mexican Biobank	Wednesday 10 July	Mitochondria: from powerhouse to processor and from marker to meaning.
89-Wed	220	Jesús	Abad	Guzmán-López	The impact of natural selection on patterns of genetic diversity	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
90-Wed	237	Shanshan		Chen	Amino acid physicochemical property convergence may underlie adaptive functional convergence.	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
91-Wed	267	Devansh		Pandey	Detecting natural selection in Holocene Europe with multi-locus genotype identity scans	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
92-Wed	484	Gustavo		Valadares Barroso	Joint modeling of demography and background selection reveals complex patterns of polymorphism	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
93-Wed	567	Daniel		García Ruiz	Evolutionary Analysis of <i>Plasmodium falciparum</i> Across the Asian and African continents	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
94-Wed	814	Bogdan		Efimenco	NeMu: A Comprehensive Pipeline for Accurate Reconstruction of Neutral Mutation Spectra from Evolutionary Data	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
95-Wed	818	Ryan	N	Gutenkunst	GHiST: the Genomic History Inference Strategies Tournament	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
96-Wed	855	Jesus		Murga-Moreno	Extending Flex-sweep with Random Forest to infer time and strength of selection	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
97-Wed	973	Avery		Selberg	Minus the error: making selection detection robust to residual alignment errors	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
98-Wed	986	Shyamalika		Gopalan	Integrating epidemiological and population genetic models to gain insights into <i>Plasmodium vivax</i> biology	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
99-Wed	1057	Hannah	Elaire	Verdonk	MSS: A codon model with Multiple classes of Synonymous Substitutions.	Wednesday 10 July	New computational approaches to estimate past demographic events and natural selection.
100-Wed	148	Weixuan		Ning	Origin and diversity of the wild cottons (<i>Gossypium hirsutum</i>) of Mound Key, Florida	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
101-Wed	226	Yu-Chen		Lin	Unraveling the evolutionary history of indica rice post domestication	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
102-Wed	318	Victor		González	A uniform bacterial community inhabits the rhizosphere across cultivars of the common bean (<i>Phaseolus vulgaris</i>).	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
103-Wed	356	Yoon Kyung		Lee	Unraveling the population structure and origins of pigmented rice	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
104-Wed	358	Yoon Kyung		Lee	Genetic diversity of Northeast Asian rice and selection signatures for eating quality trait	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
105-Wed	390	Sergio		Tusso	Tracing Domestication History in Potato: Admixture and Ancestry Inference in a Polyploid Species	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
106-Wed	410	Noah		Bourne	Human and anti-domesticated plants harbour different disease resistance gene repertoires compared to their wild relatives	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
107-Wed	464	Regina	Anne	Fairbanks	Domestication is nothing new: Maize domestication leveraged standing genetic variation	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
108-Wed	582	Jeffrey		Wacett	Population genetic analysis reveals the domestication and dispersal history of common buckwheat	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
109-Wed	760	Luis	Alberto	Villanueva-Espino	Composition of microbiota of floral nectar in wild and domesticated squash (<i>Cucurbita</i>)	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
110-Wed	775	Omob		Alam	The post-domestication history of rice	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
111-Wed	1035	Katya		Garduño Obrajero	Population genetics of year-long bean (<i>Phaseolus dumosus</i> Macfad. Fabaceae) in Southern Mexico and Guatemala	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
112-Wed	1093	Jonathan	M.	Flowers	Fruit color variation in date palms (<i>Phoenix dactylifera</i> L.) and their wild relatives is determined by an ancient trans-specific polymorphism and parallel degradation	Wednesday 10 July	Novel approaches to study plant domestication: disentangling the complex evolutionary history of crops
113-Wed	693	J Abraham		Avellar-Rivas	A complex landscape of introgressions in a diverse lineage of neotropical yeasts	Wednesday 10 July	Open Symposium
114-Wed	717	Isaura		Rosas Reinhold	Insights into the genetic bases of differential organ size in cacti flowers	Wednesday 10 July	Open Symposium
115-Wed	738	Sophy		Charlton	An interdisciplinary approach to ascertaining the utility of various skeletal elements in non-human aDNA studies	Wednesday 10 July	Open Symposium
116-Wed	787	Naim	M	Bautista	Physiological and Transcriptomic Mechanisms of Hypoxia Acclimation in High-Altitude Deer Mice	Wednesday 10 July	Open Symposium
117-Wed	811	Marcy		Uyenoyama	A reformulation of measures of linkage disequilibrium and population structure under drift, inbreeding, and tight linkage: An approach through probabilities of identity	Wednesday 10 July	Open Symposium
118-Wed	828	Fabian		Ramos-Almodovar	Context-specific mutation rate variation across the tree of life	Wednesday 10 July	Open Symposium
119-Wed	835	Mehmet		Somel	Investigating the "neighbor repulsion" pattern in Patterson's f-statistics	Wednesday 10 July	Open Symposium
120-Wed	842	Carly		Houghton	Intrinsic expression and subcellular localization specificity in de novo emerged proteins.	Wednesday 10 July	Open Symposium
121-Wed	843	Mayte	Celeste	Cervantes-Hernandez	Serological analysis of the immune response to pathogens in the Mexican Biobank	Wednesday 10 July	Open Symposium
122-Wed	846	Audrey		Majeske	The first reference level genome of the Caribbean long-spined black sea urchin (<i>Diadema antillarum</i>)	Wednesday 10 July	Open Symposium
123-Wed	866	Juan	Daniel	Cerda	Genome evolution in parasitic plants: Insights from the first chromosome assemblies in <i>Cuscuta</i>	Wednesday 10 July	Open Symposium
124-Wed	894	Taryn	Sena	Dunivant	Evolutionary systems biology highlights diterpenoids as anti-herbivore defenses in above- and belowground rice tissues	Wednesday 10 July	Open Symposium
125-Wed	904	Gavin		Woodruff	Recombination rate variation and the evolution of genomic landscapes in nematodes	Wednesday 10 July	Open Symposium
126-Wed	908	Daohan		Jiang	On the evolution of gene product diversity	Wednesday 10 July	Open Symposium
127-Wed	909	Michael	J	Harms	Epistasis from conformational ensembles shapes evolution	Wednesday 10 July	Open Symposium
128-Wed	914	Marijan		Posavi	Sex-Specific Host Response to <i>Staphylococcus aureus</i> Skin and Soft Tissue Infection	Wednesday 10 July	Open Symposium
129-Wed	943	Alexander	L	Cope	Coevolution between mRNA and protein abundances: resolving the roles of mutation and natural selection in shaping gene expression evolution using phylogenetic methods	Wednesday 10 July	Open Symposium
130-Wed	947	Mariana	F.	Nery	Molecular Footprints on Osmoregulation-Related Genes Associated with Freshwater Colonization by Cetaceans and Sirenians	Wednesday 10 July	Open Symposium
131-Wed	969	Olivia		Fernfiores	Inferring distributions of fitness effects of wild house mice from allele frequency spectra	Wednesday 10 July	Open Symposium

132-Wed	975	Stella	Myra	Lai	Uncovering the molecular mechanism of rapidly evolving species-specific fertilization in abalone	Wednesday 10 July	Open Symposium
133-Wed	976	José	Fabrizio	López Hernández	Evolutionary diversification of dimeric transcription factors by evolving DNA binding specificity	Wednesday 10 July	Open Symposium
134-Wed	1068	Kailey	Marie	McCain	Doing Less with More: Immune Modulation in Native and Non Native House Sparrows	Wednesday 10 July	Open Symposium
135-Wed	1094	Wei-Chin		Ho	Fitness Consequences in Artificial Selection for Yeast Cell Sizes	Wednesday 10 July	Open Symposium
136-Wed	1108	Ilya		Kisselev	Genetic Variation and Evolution of Gonad-Restricted Chromosomes in Sea Lampreys	Wednesday 10 July	Open Symposium
137-Wed	1114	Ezel	Jacome	Galindo-Pérez	The manifestation of hybrid sterility requires a greater number of sterility genes in heterozygous introgressing segments than in homozygous introgressing seg	Wednesday 10 July	Open Symposium
138-Wed	1139	Theodore	E	Squires	Genomic Offset and Climate Adaptations in Grouse: Relationships with Demographic History	Wednesday 10 July	Open Symposium
139-Wed	1140	Pankaj		Dhakad	Comparative annotation of Drosophila genomes	Wednesday 10 July	Open Symposium
140-Wed	1141	Ulises Erick		Rodríguez-Cruz	Uncovering novel Bacterial and Archaeal diversity: genomic insights from metagenome-assembled genomes in Cuatro Ciénegas, Coahuila	Wednesday 10 July	Open Symposium
141-Wed	1142	Tianqi		Zhu	A simulation study to examine the impact of recombination on phylogenetic inferences under the multispecies coalescent model	Wednesday 10 July	Open Symposium
142-Wed	1143	Vadim		Stepanov	Population genomics reveals complex genetic history of North Asian human populations	Wednesday 10 July	Open Symposium
143-Wed	1148	Nelly		Sélem-Mojica	Microbial Diversity Conservation and Characterization in the Yucatan Peninsula: Insights from Native Bee's Honey and Water Sources in Calakmul Reserve.	Wednesday 10 July	Open Symposium
144-Wed	1151	Jen-Yu		Wang	The Evolution Trends of Structural Variants at A Large Population Scale	Wednesday 10 July	Open Symposium
145-Wed	1152	Gergely	J	Szöllösi	A geological timescale for bacterial evolution and oxygen adaptation	Wednesday 10 July	Open Symposium
146-Wed	1154	Eldridge		Wisely	Conservation Genomics of North American Jaguars	Wednesday 10 July	Open Symposium
147-Wed	1157	David		Alvarez-Ponce	The Codon Statistics Database: A Database of Codon Usage Bias	Wednesday 10 July	Open Symposium
148-Wed	1158	Omer		Ronen	Using saturation mutagenesis to map the evolutionary forces that shaped human regulatory elements	Wednesday 10 July	Open Symposium
149-Wed	1160	Natividad			Pilot investigation of historical yak "crusties" using paleogenomics	Wednesday 10 July	Open Symposium
150-Wed	1161	Tessa		Ferrari	Towards Simulation Optimization: An Examination of the Impact of Scaling in Coalescent and Forward Simulations	Wednesday 10 July	Open Symposium
151-Wed	1162	Teresa		Romero Luna	Toward Understanding Salt Stress Response: Bioinformatic Analysis of Pseudocrossidium replicatum Transcriptome Reveals Divergence in Transcription Fact	Wednesday 10 July	Open Symposium
152-Wed	1164	Timothy	D	O'Connor	Peruvian Population Genomics: Diversity, Admixture Dynamics, and the Impact of Indigenous American Ancestries on Complex Phenotypes	Wednesday 10 July	Open Symposium
153-Wed	1165	Tyler	R	Inskoop	Resolving the regulatory circuitry driving gall development in response to root-knot nematode herbivory in tomato	Wednesday 10 July	Open Symposium
154-Wed	1166	Cesar	A	Fortes-Lima	Population genomics and spatial modelling provide insights into African human history	Wednesday 10 July	Open Symposium
155-Wed	1168	Kristly		Muallim	Unveiling the Functional Dynamics of Noncoding DNA: A Deep Learning Approach with Arabidopsis thaliana	Wednesday 10 July	Open Symposium
156-Wed	1170	Juan	Manuel	Vazquez	Enhanced DNA Damage Response in a Clade of Long-Lived Bats Resolved Using Chromosome-Length Genome Assemblies	Wednesday 10 July	Open Symposium
157-Wed	1171	Steph		Varghese	The genomic and metabolomic architecture of extremophilic archaeon Halobacterium salinarum	Wednesday 10 July	Open Symposium
158-Wed	1173	Ryan	R	Bracewell	Population-level degeneration of young Y chromosomes in the mountain pine beetle.	Wednesday 10 July	Open Symposium
159-Wed	127	Xuhua		Xia	Phylogeographic analysis of the invasive Asian hornet, Vespa velutina, to reconstruct its colonization of Europe from Asia	Wednesday 10 July	Spatial population genetics: where are we now?
160-Wed	195	Charles		Michie	The power of dispersal driven by ocean currents in explaining spatial genetic patterns of marine invertebrates around Aotearoa New Zealand	Wednesday 10 July	Spatial population genetics: where are we now?
161-Wed	531	Davorka		Gulisija	Evolution of phenotypic plasticity owing to migration	Wednesday 10 July	Spatial population genetics: where are we now?
162-Wed	861	Elizabeth	T.	Chevy	Application of coalescence-based inference of gene flow rates	Wednesday 10 July	Spatial population genetics: where are we now?
163-Wed	901	Lloyd		Kirk	Exploring the behavior of two-locus statistics in continuous space	Wednesday 10 July	Spatial population genetics: where are we now?
164-Wed	942	Shane		Lavery	Determining concordance and drivers of spatial population structure through geogeographic clustering	Wednesday 10 July	Spatial population genetics: where are we now?
165-Wed	1021	James		Kitchens	Reconstructing the locations of genetic ancestors for a recombining sequence	Wednesday 10 July	Spatial population genetics: where are we now?
166-Wed	139	Michelle		Hämmerle	Non-invasive sampling of Inca mummies yields undocumented pathogens and human ancestry	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
167-Wed	167	Fernando		González-Candelas	Pre-Columbian Treponema pallidum in the Americas and the origin of treponematoses	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
168-Wed	257	Benjamin		Guinet	A comprehensive investigation of woolly mammoth remains associated microbes	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
169-Wed	280	Florencia	--	Alvarez Gallego	Genomic traces of ancient pathogens in Central Patagonia (6000-100yBP)	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
170-Wed	426	Victoria		Pastor	Metagenomic Analysis of Oral Pathogens in Mammuthus columbi Remains from Mexico	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
171-Wed	504	Miguel	Alejandro	Navarro	A Glimpse into Antiquity: Paleoprotoomics Approach to Investigate Ancient Pathogens	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
172-Wed	651	Gunnar	U.	Neumann	Ancient Salmonella enterica genomes and the evolutionary path of the Para C lineage	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
173-Wed	701	Anastasia		Bratvnyk	Metagenomic Profiling of Ancient Pathogens in Britain	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
174-Wed	782	Ava		Gabrys	Streptococcus evolutionary diversity in ancient Great Britain and its associations with oral health outcomes	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
175-Wed	834	Miriam		Bravo-Lopez	Reconstruction of one Salmonella enterica Paratyphi C genome from 19th-century Mexico City	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
176-Wed	845	Megan		Michel	Exploring the History of Malaria in the Americas Using Ancient DNA	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
177-Wed	966	Jaime		Zolik	Exploring the Health of Colonial Enslaved Communities at Hacienda La Quebrada: A Preliminary Study using Metagenomic Methods	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
178-Wed	1095	Shreya	L	Ramachandran	Characterizing the cariogenic bacterium Streptococcus mutans in ancient and modern Chile	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
179-Wed	1107	Ravneet	Kaur	Sidhu	Depletion of the plasminogen activator (pla) virulence gene across pandemics of plague	Wednesday 10 July	Unveiling the evolutionary history of pathogens through paleogenomics.
180-Wed	93	Marco Antonio		Carballo-Ontiveros	Active Learning Experience using an analogy with the lac Operon model (PAPIME PE216224)	Wednesday 10 July	Science in the Spotlight: Empowering Education and Public Engagement with Cutting-Edge Science in Molecular Evolution
181-Wed	132	Sishuo		Wang	From evolution to solution: a solutions manual and e-Learning portal for Ziheng Yang's books "Computational Molecular Evolution", and "Molecular Evolution	Wednesday 10 July	Science in the Spotlight: Empowering Education and Public Engagement with Cutting-Edge Science in Molecular Evolution
182-Wed	482	Miryam		Palacios-Pérez	NoRCEL -- Advancing Interdisciplinary Research and Global Engagement in Life Sciences	Wednesday 10 July	Science in the Spotlight: Empowering Education and Public Engagement with Cutting-Edge Science in Molecular Evolution
183-Wed	873	Sônia		Casillas	PhyloGenome: a gamified and participatory approach to genomic education	Wednesday 10 July	Science in the Spotlight: Empowering Education and Public Engagement with Cutting-Edge Science in Molecular Evolution
184-Wed	902	Gerardo Jesús		Soria Ortiz	Evolutionary patters of Rhinella horribilis in response to anthropic habitat modification in two landscapes in Oaxaca, Mexico	Wednesday 10 July	Spatial population genetics