



PROGRAM

Monday, 29 July 2019

Room: Tongkah 1

Parallel session: Molecules and Morphology Reveal the Basis of Bat Evolutionary History and Unique Adaptations

Chair: Emma Teeling, University College Dublin

Co-chair: Stephen Rossiter, Queen Mary University of London

10.40 - 10.55	AO7-101	Molecular Adaptations Underpin Dietary Diversification and Specialization in New World Bats
		Stephen Rossiter
		Queen Mary University of London, UK
10.55 - 11.10	AO2-103	Transcriptome Assembly and Functional Annotation in Five Tropical Bat Species by Using High-Throughput RNA Sequencing
		Jorge Ortega
		Instituto Politécnico Nacional, Mexico
11.10 - 11.25	AO2-101	Collagen fiber orientation within the bones of long-lived big brown bats (<i>Eptesicus fuscus</i>) relative to mice
		Lisa Noelle Cooper
		Northeast Ohio Medical University, USA
11.25 - 11.40	AO2-112	Limiting the damage: longitudinal comparative transcriptomics reveals novel mechanisms underlying extended healthspan in bats
		Zixia Huang
		University College Dublin, Ireland
11.40 - 11.55	AO2-104	Population genetic structure of island flying fox <i>Pteropus hypomelanus</i> Temminck, 1853 in Thailand
		Patcharapon Jumsri
		Chulalongkorn University, Thailand
11.55 - 12.10	AO2-124	Diversification Rates Have No Effect on the Convergent Evolution of Foraging Strategies of <i>Myotis</i>
		Ariadna E. Morales
		American Museum of Natural History, USA
12.10 - 12.25	AO2-127	Comparative Transcriptome Sequencing Among Natural <i>Rhinolophus ferrumequinum</i> Populations with Different Acoustic Phenotypes
		Hanbo Zhao
		Northeast Normal University, China
12.25 - 12.40	-	Open Discussion
12.40 - 13.45	Lunch & Poster	

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Parallel session: Phylogeny and Evolution 1		
Chair: Nancy Simmons, American Museum of Natural History		
Co-chair: Frank Bonaccorso, US Geological Survey		
13.45 - 14.00	AO2-119	Evolution and Ontogeny of the Bat Calcar Kathryn Stanchak University of Washington, USA
14.00 - 14.15	AO2-106	Phylogenetic Analyses Show Bat Communities in Baja California Harbour a High Diversity of Cryptic Ectoparasite Species Laura Alejandra Najera Cortazar University of Leeds, UK
14.15 - 14.30	AO2-107	Is Stress Management a Key Factor in the LRS of Female Greater Horseshoe Bats? Roger D. Ransome University of Bristol, UK
14.30 - 14.45	AO2-118	Diversification of the Indo-Australasian bent-winged bats Sigit Wiantoro The University of Adelaide, Australia
14.45 - 15.00	AO2-109	Evolution of skull diversity across the bat radiation Sharlene E. Santana University of Washington, USA
15.00 - 15.15	AO5-143	Ecology Outweighs Evolutionary History in Shaping the Bat Microbiome Holly L. Lutz Field Museum of Natural History, USA
15.15 - 15.30	AO2-111	Evolution of developmental sequence in bats and its peculiarity among mammals Daisuke Koyabu Musashino Art University/ Kyoto University, Japan
15.30 - 15.45	AO2-114	Penis size and sperm quality, are all bats grey in the dark? Ireneusz Ruczyński Polish Academy of Sciences, Poland
15.45 - 16.05	Refreshment & Poster session	
16.05 - 16.20	AO2-115	Aerial Righting in Response to Flight Perturbation in <i>Carollia perspicillata</i> Sharon Swartz Brown University, USA
16.20 - 16.35	AO2-116	Biomechanics and not ecology describe variation in cross-sectional shape of the humerus in bats Camilo Lopez-Aguirre University of New South Wales, Australia
16.35 - 16.50	AO6-101	Burning Fat by Inducing Beige Adipocytes: Insights from a Bat Study Zhe Wang Shenyang Agricultural University, China