MONKEYPOX & ORTHOPOXVIRUS

MINI SYMPOSIUM ON BIOINFORMATICS RESOURCES, TOOLS & RESEARCH
September 15, 2022

Event Information

Registration: Click Here

Date: September 15, 2022

Time: 7 AM - 11:30 AM Pacific, 10 AM - 2:30 PM Eastern, 4 PM - 8:30 PM CET

Scope: Discussion of bioinformatic resources and tools available and in development for the purpose of studying monkeypox virus. Will also include a brief primer on monkeypox virus, as well as research presentations focusing on the recent outbreak.

Audience: Bioinformaticians, public health practitioners, bench scientists in the field of Monkeypox or poxvirus research

TOPICS WILL INCLUDE

Monkeypox Primer	Database Resources for Monkeypox and Orthopoxvirus	Monkeypox diagnostic and sequencing assays	Monkeypox Epidemiologica I Analysis tools	Latest research on the current outbreak
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(Preliminary agenda provided below - subject to change)













BV-BRC MONKEYPOX & ORTHOPOXVIRUS

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Time	Title	Speaker		
10:00 EDT / 16:00 CET	Introduction and Welcome	Richard Scheuermann & Anna Maria Niewiadomska - BV-BRC & J. Craig Venter Institute		
10:05 EDT / 16:05 CET	Monkoungy virus nrimor	Paula Traktman - Medical University of South Carolina		
10:20 EDT / 16:20 CET		Vítor Borges - National Institute of Health - Portugal		
10:35 EDT / 16:35 CET		Crystal Gigante - CDC/DDID/NCEZID/DHCPP		
10:50 EDT 16:50 CET	A distinct phylogenetic cluster of Monkeypox genomes suggests an early and cryptic spread of the virus	Bani Jolly - CSIR-IGIB, New Delhi, India		
11:05 EDT 17:05 CET		Terry Jones - Charité - Universitätsmedizin Berlin		
11:20 EDT 17:20 CET	Nextclade Nextstrain and New Monkeynox Sublineages	Emma Hodcroft & Cornelius Roemer - Nextstrain		
11:35 EDT 17:35 CET	<u>Detection of monkeypox viral DNA in a routine wastewater monitoring program</u>	Marlene Wolfe - Emory University		
11:50 EDT 17:50 CET		Matthijs Welkers - Amsterdam UMC, Amsterdam, the Netherlands		
12:05 EDT/18:05 CET BREAK				
12:15 EDT 18:15 CET	I AMDIICAD-DACAA CAAIIADCIDA AF DIIMAD MADVAVDAV VIFIIC	Chantal Vogels - Yale School of Public Health		
12:30 EDT 18:30 CET	, , , , , , , , , , , , , , , , , , , ,	Kevin G. Libuit - <u>Theiagen</u> <u>Genomics</u>		
12:45 EDT 18:45 CET	I INFOFNATIONAL L'AMMIFFOO AN LAYANAMU AF VIFILEOS: IL IV	Elliot Lefkowitz - University of Alabama Birmingham		
13:00 EDT 19:00 CET	Monkeypox/Orthopox data and tools in <u>NCBI Virus</u>	Eneida Hatcher - NIH/NLM/NCBI		
13:15 EDT 19:15 CET		Anna Maria Niewiadomska - J. Craig Venter Institute		
13:30 EDT 19:30 CET	VITAL BIOINTOTMATICS RESEATED L'ENTER' BIOINTOTMATICS FOT POYVITIISES -	Rachel Roper - East Carolina University		
13:45 EDT 19:45 CET	, 3,	Gustavo Palacios - Icahn School of Medicine at Mount Sinai		
14:00 EDT 20:00 CET		Michael Weigand - CDC/DDID/NCIRD/DBD		
14:15 EDT 20:15 CET	I) inapposite assaus (DCD) and DC)(1) for monkeypox	Christina Hutson - CDC/DDID/NCEZID/DHCPP		
14:30 EDT 20:30 CET	(5 minute talk:) UCSC <u>Genome Browser</u> & <u>hgPhyloPlace/Usher-web</u>	Maximilian Haeussler - UCSC		

14:30 EDT/20:30 CET END