



**April 12-13, 2025**

UNAM Campus Juriquilla, Querétaro City, México

# PROGRAM

**Saturday, April 12, 2025**

	Time	Speaker	Affiliation
	8:00 - 9:00	Registration & Coffee	
	9:00 - 9:10	Welcome words	
<b>Session 1</b> Chair: María Ávila Arcos	9:10 - 10:10	<b>Keynote talk: Christina Warinner</b> Pathogen paleogenomics and the future of lost genomes.	Harvard University, USA
	10:10-10:30	Lara Cassidy Contrasting evolutionary histories revealed for two oral pathobionts recovered from Bronze Age Irish remains.	Trinity College Dublin, Ireland
	10:30-10:50	Laura Carillo Olivas Paleogenomic Insights into Pathogen Diversification and Population Dynamics in Colonial Mexico.	LIIGH-UNAM, Mexico
	10:50 - 11:20	Coffee break	
	11:20 - 11:50	Paul Frere The use of Twist Bioscience Target Enrichment Tools for the Detection of Ancient Pathogens.	Twist Bioscience, USA
	11:50-12:00	Poster pitch talks	
	12:00-1:30	Lunch break	
<b>Session 2</b> chair: Miguel A. Navarro	1:30 - 2:45	Poster session	
	2:45 - 3:15	Claudio Ottoni Ancient metagenomics in animal remains: insights from cats	University of Rome "Tor Vergata", Italy
	3:15 - 3:45	Miriam Bravo López Paleogenomic reconstruction of the evolutionary history of oral pathogens in non-human primates through dental calculus.	Arizona State University, USA
	3:45 -4:00	Coffee break	
	4:00 - 4:30	Anne Stone The dispersal and consequences of ancient TB in the Americas.	Arizona State University, USA
	4:30 - 5:00	María Ávila Arcos Ancient Pathogen Research and Global Health.	LIIGH-UNAM, Mexico
	7:00-10:00	TWIST's social	

**Sunday, April 13, 2025**

	Time	Speaker	Affiliation
<b>Session 3</b> Chair: Federico Sánchez	9:00 - 10:00	<b>Keynote talk: Sébastien Calvignac-Spencer:</b> Exploring two centuries of viral emergence and human intervention with historical pathology specimens.	University of Greifswald, Helmholtz Institute for One Health, Germany
	10:00 - 10:20	Erin Barnett, Paleovirology of Respiratory Viruses During the United Kingdom's Industrial Revolution.	Fred Hutchinson Cancer Center, USA
	10:20-10:40	Miguel A. Navarro Paleoproteomics and ancient pathogen identification	LIIGH-UNAM, Mexico
	10:50 -11:20	Charlotte Houldcroft Thirty Thousand Years of Herpesvirus Evolution.	University of Cambridge, UK
<b>Session 4</b> Chair: Miriam Bravo López	11:20 - 11:50	Coffee break	
	11:50-12:20	Daniel Blanco-Melo Co-option of a Human Endogenous Retrovirus for Tumor Growth Control.	Fred Hutchinson Cancer Center, USA.
	12:20 - 12:40	Sophie Kogut Characterizing expression of tumor-specific human endogenous retroviruses in clear cell Renal Cell Carcinoma patients.	Fred Hutchinson Cancer Center, USA.
	12:40 - 12:00	Gloria Arriagada Comparative analysis of NS1/Rep derived endogenous parvoviral proteins	Universidad Andrés Bello, Chile
	12:10 - 2:00	Lunch break	