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HYBRID ADVANCED SYMPOSIUM

NATIVE AMERICAN ANCESTRY IN GENETIC RESEARCH PROJECTS

November 23rd, 2022

Organised within the joint meeting 2022 of the
Chilean Society of Genetics and the Chilean
Society of Evolution

07:00-08:30 Peru

08:00-09:30 Bolivia

09:00-10:30 Argentina and Chile

13:00-14:30 Germany

Aims

The population history of the Americas has been shaped by extensive genetic admixture between Native Americans, Europeans and Africans. Latin Americans are highly heterogeneous in terms of the type and proportion of ancestry components. This fact has important implications for research in human genetics and evolution, which we plan to address in this symposium.

Speakers

- Justo Lorenzo Bermejo and Linda Zollner, Statistical Genetics Research Group, Heidelberg University, Germany
- Lucas Vicuña, Department of Medicine, Genetics Section, University of Chicago, US
- Ricardo Verdugo, Institute of Interdisciplinary Research, University of Talca, and Department of Basic and Applied Oncology, University of Chile, Chile

Programme

- **Lecture 1**
Estimating ancestry proportions using genotype data
- **Lecture 2**
Genomic insights into the Mapuche population history
- **Lecture 3**
Engaging Diaguita communities in genetic ancestry research
- **Lecture 4**
Native American ancestry and disease - Mendelian randomization
- **Q&A session**
Registration for participation online until November 20th: Please send your name, email address, position, institution and field of research to:
EULAT_Eradicate_GBC@imbi.uni-heidelberg.de

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