



# Population Genetics from the Baltic Perspective: Microevolutionary Processes of the Lithuanian Genomes

**Date:** 20-21 May 2022

**Place:** Vilnius, Lithuania (hybrid with virtual participation according to the epidemiological situation)

**Venue:** National Museum – Palace of the Grand Dukes of Lithuania

20th May, 2022; Friday

12:45 – 13:00	Welcome/registration
13:00 – 13:10	Prof. habil. dr. Vaidutis Kučinskas, Vilnius University, FM LAS Prof. habil. dr. Jūras Banyś, Lithuanian Academy of Sciences, FM LAS Prof. (HP) dr. Edita Sužiedėlienė, Vilnius University Welcome message
13:10 – 13:30	Dr. Laima Ambrozaitytė, Vilnius University Population genetics research of Lithuania
13:30 – 14:15	Prof. Johannes Krause, Max Planck Institute for Evolutionary Anthropology The genetic history of Europe: Migration and adaptation in prehistory
14:15 – 14:45	Dr. Alina Urnikytė, Vilnius University Inferring microevolutionary processes in the Lithuanian population
14:45 – 15:00	Coffee break
15:00 – 15:45	Prof. Guido Barbujani, Ferrara University Inferring the evolution of skin colour from ancient DNA
15:45 – 16:15	Dr. Ingrida Kavaliauskienė, Vilnius University Map of the Lithuanian population: distribution of genetic markers
16:15 – 16:45	Kristina Grigalionienė, Vilnius University Pathogenic and rare mitochondrial DNA variants in the Lithuanian population
16:45 – 17:00	Coffee break
17:00 – 17:45	Prof. Rimantas Jankauskas, Vilnius University, FM LAS Paleogenetics in Lithuania: synopsis of data and perspectives for future



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9:00 – 9:45	Prof. Mait Metspalu, Tartu University The genetic making of the (northern) Baltics
9:45 – 10:15	Prof. Janis Klovins, the Latvian Biomedical Research and Study Center First insight in Latvian genome diversity from the whole-genome sequencing data
10:15 – 10:45	Dr. Laura Pranckėnienė, Vilnius University The turnover of the relative fitness for the whole-genome variants in the Lithuanian population
10:45 – 11:00	Coffee break
11:00 – 11:30	Dr. Ingrida Domarkienė, Vilnius University Inferring Whole-genome Sequencing Structural variation data in the Lithuanian Population
11:30 – 12:00	Gabrielė Žukauskaitė, Vilnius University Genomic signatures of adaptation in the cohort of Chernobyl Catastrophe Clean-up Workers from Lithuania
12:00 – 12:30	Dr. Tautvydas Raščelis, Vilnius University The omnigenic model of the behaviour traits in the Lithuanian and other populations
12:30 – 13:00	Discussion
13:00 – 14:00	Guided tour around the Palace of the Grand Dukes of Lithuania, Route I - HISTORY, ARCHAEOLOGY, ARCHITECTURE



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