

CONFERENCE PROGRAMME



Thursday, 2 May

12.00–13.00 Registration

13.00–13.10 OPENING ADDRESSES

Prof. Jūras BANYS, President, Lithuanian Academy of Sciences
Prof. Vaidutis KUČINSKAS, Lithuanian Academy of Sciences,
Vilnius University

13.10–13.20 SHORT WELCOME SPEECHES

Prof. Tarmo SOOMERE, President, Estonian Academy of Sciences
Prof. Ojārs SPĀRĪTIS, President, Latvian Academy of Sciences
Prof. Romuald ZABIELSKI, Vice President, Polish Academy
of Sciences
Prof. Sirpa JALKANEN, Finnish Academy of Science and Letters

SESSION 1

Chairpersons: Prof. Zita Aušrelė KUČINSKIENĖ,
Lithuanian Academy of Sciences, Vilnius University
Dr. Pēteris TRAPENCIERIS, Latvian Academy of Sciences

13.20–13.45 From biobanks to personalised medicine

Prof. Andres METSPALU, University of Tartu,
Estonian Academy of Sciences

**13.45–14.10 Combining the biobank and health care system
resources for effective genetic studies in Latvia**

Prof. Jānis KLOVIŅŠ, Latvian Biomedical Research
and Study Centre, Latvian Academy of Sciences



14.10–14.35 Interleukin-6 and ADAM17 in inflammation and cancer
Prof. Stefan ROSE-JOHN, Christian-Albrechts-Universität zu Kiel,
Academy of Sciences and Humanities in Hamburg

14.35–14.55 Coffee break

SESSION 2

Chairpersons: Prof. Zenonas DABKEVIČIUS, Lithuanian Academy of Sciences
Prof. Maris LAAN, Tartu University

14.55–15.20 Atavistic theory of cancer: a shift towards the gene network of primitive unicellular organisms. Is it curable?
Prof. Jekaterina ERENPREISA, Latvian Biomedical Research and Study Centre, Latvian Academy of Sciences

15.20–15.45 Application of genetic methods in cereal breeding
Prof. Isaak RASHAL, University of Latvia,
Latvian Academy of Sciences

15.45–16.10 Genetic research for fruit crop improvement
Dr. Gunārs LĀCIS, Latvia University of Agriculture

16.10–16.30 Coffee break

SESSION 3

Chairpersons: Prof. Rimantas JANKAUSKAS, Vilnius University,
Lithuanian Academy of Sciences
Prof. Gintautas ŽINTELIS, Lithuanian Academy of Sciences

16.30–16.50 Tightly bound proteins are anchored to DNA by G quadruplexes
Prof. Nikolajs SJAKSTE, University of Latvia,
Latvian Academy of Sciences



16.50–17.15 Computational studies of proteins involved in DNA replication and repair

Prof. Česlovas VENCLOVAS, Vilnius University,
Lithuanian Academy of Sciences

17.15–17.55 The genetic history of Northeast European peoples

Dr. Mait METSPALU, Estonian Biocentre, University of Tartu

17.55–18.00 QUESTIONS AND ANSWERS

18.00–18.30 CEREMONY OF THE MEDAL OF BALTIC ACADEMIES OF SCIENCES AWARD

Prof. Tarmo SOOMERE, President, Estonian Academy of Sciences

Prof. Ojārs SPĀRĪTIS, President, Latvian Academy of Sciences

Prof. Jūras BANYS, President, Lithuanian Academy of Sciences



**Friday, 3 May
On the Origin of the Balts**

SESSION 4

Chairpersons: Prof. Vaidutis KUČINSKAS, Lithuanian Academy of Sciences,
Vilnius University

Prof. Domas KAUNAS, Lithuanian Academy of Sciences,
Vilnius University

9.00–9.30 Population of Lithuania through the millennia: archaeological perspective

Dr. Laurynas KURILA, Lithuanian Institute of History

9.30–10.00 Lithuanian ethnogenesis: an historian's view

Prof. Rimvydas PETRAUSKAS, Vilnius University,
Lithuanian Academy of Sciences



10.00–10.30 Changes in the conception of the origin of the Lithuanian language

Prof. Grasilda BLAŽIENĖ, Institute of the Lithuanian Language, Lithuanian Academy of Sciences

10.30–11.00 Coffee break

SESSION 5

Chairpersons: Prof. Rimvydas PETRAUSKAS, Vilnius University, Lithuanian Academy of Sciences

Prof. Grasilda BLAŽIENĖ, Institute of the Lithuanian Language, Lithuanian Academy of Sciences

11.00–11.30 Postglacial migration of Scots pine in Europe and its associations with human migrations

Prof. Darius DANUSEVIČIUS, Vytautas Magnus University, Lithuanian Academy of Sciences

11.30–12.00 Contribution of ancient DNA data to population history of Lithuania

Prof. Rimantas JANKAUSKAS, Vilnius University, Lithuanian Academy of Sciences

12.00–12.30 Genomic data illuminates demography, genetic structure and micro evolutionary process in human populations

Prof. Vaidutis KUČINSKAS, Lithuanian Academy of Sciences, Vilnius University

12.30–12.40 GENERAL DISCUSSION

Prof. Jūras BANYS, President, Lithuanian Academy of Sciences

12.40–13.00 CONFERENCE CLOSING CEREMONY

