ESHG Course
Translational Epigenetics in Precision Medicine

31 October - 3 November
2026
Holiday Inn
Telavi, Georgia



http://geneticsgeorgia.org
http://tsmu.edu



The aim of the course is:
to train participants in the fundamental aspects of epigenetic mechanisms and their dysregulation in human diseases, with a focus on recent advances in genome-wide technologies and their clinical applications in diagnostics and epigenetic therapeutics.

Course Directors:



Eka Kvaratskhelia, PhD
Associate Professor at the
Department of Molecular and
Medical Genetics,
Tbilisi State Medical University,
Tbilisi, Georgia



Tinatin Tkemaladze, MD, PhD
Professor in Medical Genetics,
Dean of the Faculty of Medicine
at the Tbilisi State Medical University,
Tbilisi, Georgia

Georgian Society of Medical Genetics and Epigenetics

Tbilisi State Medical University

Supported by the European Society of Human Genetics (ESHG)

Honorary Chair: Elene Abzianidze
Course Organizers: Tbilisi State Medical University (TSMU)
Georgian Society of Medical Genetics and Epigenetics (GSMGE)
Venue: Holiday Inn; 2 Rustaveli Avenue, 2200 Telavi, Georgia
Email: epicourse@tsmu.edu
course website: https://geneticsgeorgia.org/language/en/epigenetics-course

Important Dates:
Registration opens: ***25 July 2026***
Registration deadline: ***20 September 2026***
Fellowship application deadline: ***10 September 2026***
Notification of fellowship results: ***15 September 2026***
Applicants who are not awarded a fellowship may register for the course between 15 and 20 September 2026, subject to availability.

Applicants should submit application form together with CV and motivation letter to epicourse@tsmu.edu

Faculty List:

Sebastian Alvarado,	**Queens College, City University of New York (CUNY), USA**
Stefan Barakat,	**Erasmus MC, University Medical Center Rotterdam, Netherlands**
Edyta Borkowska,	**Medical University of Łódź, Poland**
German Demidov,	**Computational Oncology Group, Molecular Precision Oncology Program, National Center for Tumor Diseases (NCT), Heidelberg, Germany**
Stephanie Efthymiou,	**UCL Queen Square Institute of Neurology, University College London, UK**
Christian Gilissen,	**Radboud University Medical Center, Nijmegen, Netherlands**
John Greally,	**Albert Einstein College of Medicine, New York, USA**
Ketevan Kankava,	**Tbilisi State Medical University, Tbilisi, Georgia**
Eka Kvaratskhelia,	**Tbilisi State Medical University, Tbilisi, Georgia**
Inga Prokopenko,	**University of Surrey, UK**
Nino Pirtskhelani,	**Tbilisi State Medical University, tbilisi, Georgia**
Bekim Sadikovic,	**London Health Sciences Centre, Canada**
Maral Tajerian,	**Queens College, City University of New York (CUNY),USA**
Karen Temple,	**University of Southampton & University Hospital Southampton NHS Foundation Trust, UK**
Tinatin Tkemaladze,	**Tbilisi State Medical University, Tbilisi, Georgia**

Registration fee:

EUR 500 (including tuition, course materials, transportation from the Tbilisi International Airport to Telavi, coffee breaks, lunches, welcome dinner, gala dinner, wine tour)

ESHG fellowships are available to cover registration and accommodation

Clinical case abstract submission:

Participants will be encouraged to submit clinical cases. A limited number of cases will be selected by the program committee for presentation and discussion during the course.

TOPICS

DAY 1
Basic Concepts of Epigenetics

DAY 2
Cancer Epigenetics

DAY 3
Epigenetics in rare Diseases

DAY 4
Environmental Epigenetics and its Implication for Common Diseases



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Venue:
Holiday Inn Telavi

