

# ESHG Course Translational Epigenetics in Precision Medicine

18-21 October 2025 Holiday Inn Telavi, Georgia





Tbilisi State Medical University



Georgian Society of Medical Genetics and Epigenetics **ESHG** 

EUROPEAN SOCIETY OF HUMAN GENETICS
Supported by the
European Society of
Human Genetics (ESHG)



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 genome-wide technological advances and clinical applications in diagnostics and epigenome therapeutics.



Eka Kvaratskhelia TSMU, Tbilisi, Georgia



Tinatin Tkemaladze TSMU, Tbilisi, Georgia



Sofia Douzgou Houge Haukeland University Hospital Bergen, Norway

**Course Directors:** 

Eka Kvaratskhelia, TSMU, Tbilisi, Georgia Tinatin Tkemaladze, TSMU, Tbilisi, Georgia

Sofia Douzgou Houge, Haukeland University Hospital, Bergen, Norway

Honorary Chair: Elene Abzianidze Local Organizing committee: Nino Pirtskhelani, Ketevan Kankava

Course Organizers: Tbilisi State Medical University (TSMU) Georgian Society of Medical Genetics and Epigenetics (GSMGE)

Venue: Holiday Inn; 2 Rustaveli Avenue, 2200 Telavi, Georgia

Course website: http://geneticsgeorgia.org/en/epigenetics-course/

Email: epicourse@tsmu.edu

#### **Faculty:**

Alvarado Sebastian, Queens College, City University of New York (CUNY), New York City, U.S.

Banka Siddharth, Manchester University NHS, Manchester, UK

**Douzgos Houge Gunnar**, University of Bergen, Bergen, Norway

Douzgou Houge Sofia, Haukeland University Hospital, Bergen, Norway

Gilissen Christian, The Radboud University Medical Center, Nijmegen, the Netherlands.

Kankava Ketevan, Tbilisi State Medical University, Tbilisi, Georgia

Kvaratskhelia Eka, Tbilisi State Medical University, Tbilisi, Georgia

Michels Karin B., UCLA Fielding School of Public Health, Los Angeles, California, U.S.

Pirtskhelani Nino, Tbilisi State Medical University, Tbilisi, Georgia

Prokopenko Inga, School of Biosciences, University of Surrey, Guildford, Surrey, UK

Sadikovic Bekim, London Health Sciences Centre, London, ON, Canada

Tajerian Maral, Queens College, City University of New York (CUNY), New York City, U.S.

Tkemaladze Tinatin, Tbilisi State Medical University, Tbilisi, Georgia

## Registration fee:

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

ESHG fellowships are available to cover registration (EUR 500)

### 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

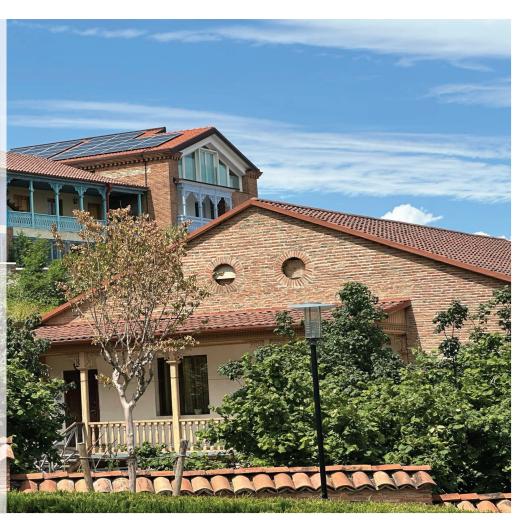
**Cancer Epigenetics** 

DAY 3

Epigenetics in rare Diseases

DAY 4

Environmental Epigenetics and its Implication on Common Diseases



#### Wine tour in Tsinandali Estate

Tsinandali Winery is located in the winegrowing region of Kakheti in Georgia, surrounded by panoramic settings and charming vineyards. Apart from making exceptional wines, the winery holds an in-house museum and an 18-hectare park. Guests can enjoy premium wine tasting in a beautiful setting. The estate also hosts exhibitions, music festivals, and scientific conferences. Explore the Tsinandali estate and its winery, picturesque gardens, wine cellars, hotel, and café. Some of the oldest vintages are stored in Princely Oenotheque historical for visitors to discover.



# **ACCOMMODATION:**

Rooms and rates in Holiday Inn Telavi: The room rate is €75.00 for a single guest and €90.00 for two guests. Rates include breakfast and VAT.

