

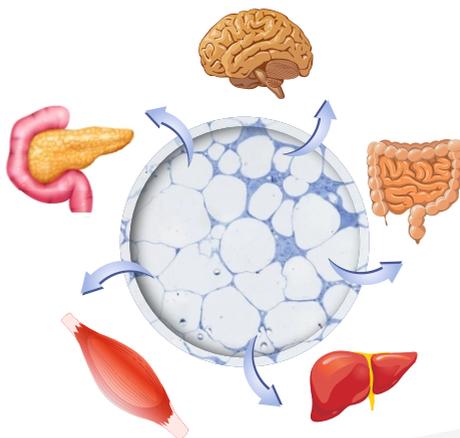


# PROGRAM

## VI<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON ADIPOBIOLOGY AND ADIPOPHARMACOLOGY

**27 - 29 March 2026**

Rosslyn Dimyat Hotel, Varna, Bulgaria



Financed by the European Union-NextGenerationEU, through the National Recovery and Resilience Plan of the Republic of Bulgaria, project № BG-RRP-2.004-0009 "Medical University - Varna: Enhancement of Translational Excellence Achievement in Medicine (MUVE-TEAM)"

## Day 1: 27 March 2026 (Afternoon)

- 15:00** **Registration**
- 16:00 – 16:30** **Welcome address and opening**
- 16:30 – 17:15** State-of-the-Science lecture  
**Hiroshi Yamamoto** (Japan): Odyssey for Islets of Langerhans, Blood Vessels and Evolution
- 17:15 – 17:45** Discussion
- 17:45 – 18:10** *Coffee break*
- 18:10 – 18:40** **Giulia Fiore** (Italy): Adipose Tissue Development and Metabolic Programming: The Role of Dietary Lipids in Early Childhood
- 19:30 – 22:30** *Dinner*

## Day 2: 28 March 2026 (Full Day)

- 09:00 – 09:40** **Paul Gagniuc** (Romania): Artificial Intelligence in Histological Analysis of Adipose Tissue: Computational Assessment of Adipocyte Structure
- 9:40 – 10:20** **Kelath Murali Manoj** (India): Why does life need oxygen and lipids? Murburn concept gives REAL answers
- 10:20 – 10:50** *Coffee break*
- 10:50 – 11:20** **Elvira Gagniuc and Paul A. Gagniuc** (Romania): Structural constraints in adipocyte mitochondrial morphology and metabolic adaptation across body condition states
- 11:20 – 11:50** **Manlio Vinciguerra** (Italy): Growth Differentiation Factor 11: a new master regulator of adipogenesis and adiposity
- 11:50 – 12:20** **Vladimir Jakovljevic** (Serbia): Sacubitril/Valsartan Promotes White Adipose Tissue Browning in Rats with Metabolic Syndrome
- 12:20 – 14:00** *Lunch*
- 14:00 – 14:30** **Bilge Pehlivanoglu** (Turkiye): Obesity and Neurodegenerative Diseases
- 14:30 – 15:00** **Marco Fiore** (Italy): Nerve Growth Factor and Brain-Derived Neurotrophic Factor in COVID-19
- 15:00 – 15:30** **Sabrina Venditti** (Italy): Serum 4-Hydroxynonenal in ANS/PANDAS Children



- 15:30 – 16:00** **Nadja Haiden** (Austria): Early Life Nutrition and Reducing the Risk for Obesity
- 16:00 – 16:30** *Coffee break*
- 16:30 – 17:00** **Peter Ghenev** (Bulgaria): Adipose tissue and cancer: Morphological aspects of the interaction
- 17:00 – 17:30** **Paolo Sbraccia** (Italy): New Treatments for Excess Adiposity
- 17:30 – 18:00** **Teodora Darlenska** (Bulgaria): GLP-1 RAs in the Management of Obesity: Effects beyond Weight Loss
- 18:00 – 18:30** **Desimira Mironova** (Bulgaria): The Adipose–Muscle Axis in the Era of Incretin-Based Anti-Obesity Medicines: Achieving Metabolic Remission While Preserving Functional Muscle Mass
- 18:30 – 18:45** Discussion
- 19:00 – 22:30** *Dinner*

### Day 3: 29 March 2026 (Morning)

- 09:00 – 09:30** **Marcia Hiriart** (Mexico): Changes in neuroendocrine control of insulin secretion in metabolic syndrome
- 09:30 – 10:00** **Ramachandran G. Sridhar** (India): From anesthesiology to metabolic syndrome: the butyrylcholinesterase trajectory
- 10:00 – 10:30** *Coffee break*
- 10:30 – 11:00** **Antoniya Kischeva** (Bulgaria): Dysfunctional Adiposity in Heart Failure
- 11:00 – 11:30** **George N. Chaldakov, Anton B. Tonchev, Marco Fiore, Nikolai Evtimov, Manlio Vinciguerra** (Bulgaria, Italy): Adipobiology: A Research Field Marked by Six Paradigm Shifts
- 11:30 – 12:00** *Closing Discussion and Summary*

