

VIII National Conference with International Participation  
“Morphological Days”, June 10 – 12, Sofia, Bulgaria

**PROGRAM**

**Friday, June 10<sup>th</sup>**

*Conference venue:*

*Sofia Hall, INTERPRED – World Trade Centre Sofia,  
36 Dragan Tsankov blvd.*

**13:00-14:00 Registration**

**14:00-14:30 Opening ceremony**

*Welcome and Opening Words:*

*Prof. Svetlozara Petkova*

*Prof. Nina Atanassova*

*Prof. Nikolai Lazarov*

**I Plenary Session 14:30-16:00**

*Chairs: N. Lazarov, N. Atanassova*

**14:30**

**Microbeam radiotherapy: how does morphology help treat cancer**

*V. Djonov, Bern, Switzerland*

**15:00**

**Consequences of negative energy balance on follicular development and oocyte quality in primiparous sows**

*K. Teerds, Wageningen, Netherlands*

**15:30**

**Circulating cf-DNA and its Integrity index as potential markers for epithelial ovarian cancer diagnosis**

*F. Sherif, M. El Desouky, M. Gebriel, O. Azmy, Cairo, Egypt*

**16:00-16:30 Coffee Break**

**II Plenary Session 16:30-18:00**

*Chairs: V. Ovtsharoff, D. Kadiysky*

**16:30**

**Regulation of tyrosine hydroxylase (TH) and dopamine  $\beta$ -hydroxylase (DBH) gene expression and intracellular signaling pathways involved**

*V. Georgiev, New York, USA*

**17:00**

**Involvement of viral infections in the development of non-communicable diseases**

*M. Murovska, Riga, Latvia*

**17:30**

**Some anthropological and pathological aspects in the Bronze Age of Romania**

*A. Comsa, Bucharest, Romania*

**19:00-24:00 Welcome Dinner**

*Restaurant Principi Di Piemonte,  
INTERPRED – World Trade Centre Sofia*

## VIII National Conference with International Participation “Morphological Days”

12:00	<b>Establishment and primary morphological and functional characterization of cell cultures from mouse bone explants</b> B. Andonova-Lilova, <b>D. Dinev</b> , A. Abudalleh, T. Zhivkova, L. Dyakova, K. Sezanova, N. Saha, O. Azmy, R. Alexandrova, <i>Sofia, Bulgaria</i>
12:10	<b>Impact of melatonin deficit on physiological function in young adult, mature and old rats: role of oxidative stress</b> <b>P. Ivanova</b> , P. Hrishev, K. Georgieva, V. Uzunova, I. Georgieva, R. Tzoneva, J. Tchekalarova, <i>Sofia, Bulgaria</i>
12:20	<b>Spiral theory of the human body: the positive and negative space in human embryonic development</b> I. Ivanova, S. Hamza, <b>N. Pirovski</b> , <i>Stara Zagora, Bulgaria</i>
<b>12:30-14:00 Lunch Break</b>	
<b>V Plenary Session 14:00-14:40</b> <span style="float: right;"><i>Chairs: N. Dimitrov, S. Sivkov</i></span>	
14:00	<b>Transcriptional profiles along the rostro-caudal axis of the adult monkey neurogenic niche</b> <b>A. Tonchev</b> , H. Wang, M. Ivanov, C. Thaller, S. Pavlov, T. Yamashima, A. Stoykova, J. Yan, G. Eichele, <i>Varna, Bulgaria</i>
14:20	<b>Mechanisms of Ghrelin neuroprotection in an in vitro model of brain damage</b> <b>I. Stoyanova</b> , A. Klymenko, D. Lutz, <i>Varna, Bulgaria</i>
<b>III Oral Presentations 14:40-15:30</b> <span style="float: right;"><i>Chairs: I. Stoyanova-Van der Laan, D. Atanasova</i></span>	
14:40	<b>3D modelling, 3D printing and quality assurance of the external morphology of high-fidelity bone models</b> <b>P. Valchanov</b> , S. Pavlov, <i>Varna, Bulgaria</i>
14:50	<b>Virtual reality in anatomy instruction: a preliminary study</b> G. Aytac, <b>S. Tunali</b> , <i>Turkey, USA</i>
15:00	<b>Application of 3D anatomical atlas <a href="http://www.LearningAnatomy.com">www.LearningAnatomy.com</a> in online and presence training of the students</b> <b>Y. Stoyanov</b> , S. Hamza, N. Malcheva, N. Genov, V. Pilicheva, N. Pirovski, A. Georgieva, I. Ivanova, N. Dimitrov, I. Stefanov, I. Valkova, <i>Stara Zagora, Bulgaria</i>
15:10	<b>Difficulties when performing an infraclavicular block- anesthesia due to abnormalities in axillary fossa</b> <b>P-P. Petrov</b> , S. Novakov, E. Bozhikova, <i>Plovdiv, Bulgaria</i>
15:20	<b>The cavernous sinus, cranial nerve anatomy and the orbit presented in immersive photorealistic layered dissections</b> <b>T. Spiriev</b> , A. Mitev, V. Stoykov, N. Dimitrov, I. Maslarski, V. Nakov, <i>Sofia, Bulgaria</i>
<b>15:30-16:00 Coffee Break</b>	
<b>16:00-16:15 In Memoriam: Prof. Yordan Yordanov</b> N. Atanassova, <i>Sofia, Bulgaria</i>	
<b>16:15-17:15 Meeting of the Bulgarian Anatomical Society</b>	
<b>17:15-18:30 Poster Session I</b> <span style="float: right;"><i>Chairs: A. Vodenicharov, S. Trifonov, S. Novakov, I. Maslarski</i></span>	