

*2<sup>nd</sup> INTERNATIONAL CONFERENCE*

**NEURAL-HUMORAL AND CELLULAR  
REGULATORY MECHANISMS OF  
DIGESTION PROCESSES**

*OCTOBER 5-7, 2005, Kyiv, UKRAINE*

**FINAL PROGRAMME**

## CONGRESS VENUE

Institute of Post-Graduate Education of National Taras Shevchenko  
University of Kyiv  
Vasylykivska, 36, room 46



## OFFICIAL LANGUAGE

The official language of the conference is English

*October 5, 2005*

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9:00-16:00 **REGISTRATION**

Lobby of 2<sup>nd</sup> floor Institute of Post-Graduate Education of National Taras Shevchenko University of Kyiv

16:00-17:00 **OPENING CEREMONY**

*Beregova T.V.*, Prof., Dr., Chief of Department of Pharmaco-physiology of Biological Faculty of National Taras Shevchenko University of Kyiv

*Sklyarov A.Ya.*, Prof., Dr., Chief of Department of Biochemistry of National Danylo Halytsky Medical University of Lviv

*ENTERTAINMENT*

17:00-21:00 **GET TOGETHER PARTY**

October 6, 2005

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*Section 1:*  
**MECHANISM OF INJURIES AND CYTOPROTECTION OF  
GASTROINTESTINAL TRACT**

LECTURE HALL

Institute of Post-Graduate Education of National Taras Shevchenko University of Kyiv

**Chairpersons: S. Okabe, S. Szabo., A. Sklyarov**

9:00	INTRODUCTION
9:10 M3	EARLY GROWTH RESPONSE FACTOR – 1: A KEY GENE & TRANSCRIPTION FACTOR IN EXPERIMENTAL DUODENAL ULCERATION. <b>Szabo S.</b> , Khomenko T., Deng X., Jadus M.R., Ishikawa H., Osapay K., Sandor Z., Chen L. VA Medical Center, Long Beach; Departments of Pathology, Pharmacology & Medicine, University of California, Irvine, CA, USA
9:30 M20	EXOGENOUS HISTAMINE STIMULATES GROWTH OF COLORECTAL CANCER VIA IMMUNOSUPPRESSION IN MICE <b>Okabe S*</b> , Tomita K***Department of Pharmacology, School of Pharmacy, Doshisha Women's College of Liberal Arts, Kyotanabe 510-0395, **Kyoto Pharmaceutical University, Yamashina, Kyoto 607-8414, Japan
9:50 M23	A REVIEW: ROLE OF VAGUS COMPONENTS IN GASTRIC SECRETION AND CYTOPROTECTION MECHANISMS IN STOMACH <b>Sklyarov A.</b> , Emelyanenko V., Mandryk Yu., Sklyarov P.O. Danylo Halytsky Lviv National Medical University
10:10 M19	VASOCONSTRICTION-EVOKED ANOXIA MOBILIZES HISTAMINE BUT NOT PANCREASTATIN FROM RAT STOMACH ECL CELLS. <b>Bernsand M., P. Norlén, C.-M. Zhao. &amp; R. Håkanson</b>
10:30	Sponsor's presentation (Human Ukraine)

10:40	Coffe break (Cafe)
10:50	<b>POSTER SESSION</b> (Lobby of 2 <sup>nd</sup> floor) M1, M3, M9, M12, M15, M18, M22, R1, R6, R7, R9, R10, R11
11:30 M17	CYTOCHEMICAL ZINC INVESTIGATION IN SUBMAXILLARY GLANDS, PANCREAS AND INTESTINE UNDER VARIOUS EXPERIMENTAL INFLUENCES Beregova T.V., *Grigorova N.V., *Eshchenko J.V., *Bovt V.D., * <b>Eshchenko V.A.</b> Kyiv National Shevchenko University, *Zaporizhzhya National University, Ukraine
11:50 M2	LONG-TIME EXPOSION OF INTESTINAL EPITHELIAL CELLS TO PRO-INFLAMMATORY MEDIATOR LTD <sub>4</sub> CAUSE NEOPLASTIC TRANSFORMATION VIA STABILIZATION OF β-CATENIN AND ITS ASSOCIATION WITH BCL-2. <b>Maryna Mezhybovska</b> , Katarina Wikström, John F. Öhd and Anita Sjölander* Experimental Pathology, Department of Laboratory Medicine, Lund University, University Hospital Malmö, SE-205 02 Malmö, Sweden
12:10 M6	THE EFFECT OF ALCOHOL ON STOMACH SECRETION AND MUCOSAL DEFENCE UNDER M <sub>1</sub> -CHOLINERGIC RECEPTORS AND L-CA <sup>2+</sup> CHANNELS INHIBITION <b>Mandryk Yu.</b> , Sklyarov A., Bondarchuk T. Danylo Halytsky Lviv National Medical University
12:30 M13	PECULIARITIES OF THE STOMACH AND DUODENAL MYOELECTRICAL ACTIVITY IN DIFFERENT GASTRO-DUODENAL INJURIES <b>Trushenko A.S.</b> <sup>1</sup> , Murzin A.B. <sup>1</sup> , Rudenko A.I. <sup>2</sup> <sup>1</sup> Dnepropetrovsk National University, <sup>2</sup> Institute of Gastroenterology of AMS of Ukraine, Dnepropetrovsk.
13:00- 14:00	<b>DINNER</b>

*Section 2:*  
**REGULATION OF FUNCTION OF GASTROINTESTINAL TRACT**

LECTURE HALL  
Institute of Post-Graduate Education of National Taras Shevchenko  
University of Kyiv

**Chairpersons: A. Guglietta, T. Beregova**

14:00 R17	THE INFLUENCE OF MACROLIDES ON SECRETORY FUNCTION OF STOMACH. Tsyryuk O., <b>Beregova T.</b> , Kharchenko M. Kyiv National Shevchenko University, Kyiv, Ukraine
14:20 R4	STUDIES ON CHEMICAL CONSTITUENTS FROM THE FENUGREEK ( <i>Trigonella foenum-graecum</i> ) AND THERAPEUTIC APPLICATIONS Makai P.S., <b>Makai S.</b> , Csavajda É., Varga L.* University of West Hungary Faculty of Agricultural and Food Sciences Mosonmagyaróvár, Department of Medicinal and Aromatic Plants *Institute of Food Science
14:40 R2	CONTRIBUTION OF GLUCOCORTICOID HORMONES TO GASTROPROTECTION DURING THE INHIBITION OF PROSTAGLANDINS AND NITRIC OXIDE PRODUCTION AND THE ABLATION OF CAPSAICIN-SENSITIVE SENSORY NEURONS Filaretova L.P., <b>Bobryshev P.Yu.</b> , Bagaeva T.R., Podvigina T.T. Pavlov Institute of Physiology RAS
15:00 R5	DETECTION OF ORAL PART OF BRAIN-GUT AXIS <b>Zayachkivska O. S.</b> , Gzhegotsky M.R., Kovalyshyn V.I. Lviv National Medical University, Physiology Department, Lviv, Ukraine
15:20 R8	Ca <sup>2+</sup> DYNAMICS IN SALIVARY ACINAR CELLS: DISTINCT MORPHOLOGY OF THE ACINAR LUMEN UNDERLIES NEAR-SYNCHRONOUS GLOBAL Ca <sup>2+</sup> RESPONSES <b>Larina O.</b> Thorn P. University of Cambridge, Dept of Pharmacology, Tennis Court Road, Cambridge CB2 1PD, UK.

15:40 R3	MORPHOFUNCTIONAL CHARACTERISTICS OF GASTRIC GLANDS AFTER PARASYMPATHETIC DECENTRALIZATION <b>Rudenko A.</b> , Trushenko A., Budzak I. Institute of Gastroenterology of AMS of Ukraine, Dniepropetrovsk
16:00 R12	THE ROLE OF ENDOGENOUS NITRIC OXIDE IN PERIPHERAL REGULATION OF GASTRIC ACID SECRETION Polotnyuk S. Ya., <b>Shtanova L. Ya.</b> , Beregova T. V. Kyiv National Shevchenko University, e-mail: <a href="mailto:shtanova@univ.kiev.ua">shtanova@univ.kiev.ua</a>
16:20	<b>CONCLUSION</b>
16:40	Coffe break (Cafe)
16:50	<b>POSTER SESSION</b> R12, R13, R15, C1, C2, C3, C4, C5, C7, C8, C11, C12, C13, C16, C21, C23

*October 7, 2005*

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## **EXCURSION DAY**

**Sightseeing Kyiv tour, visiting of Kyiv Pecherska Lavra**