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Organized by: Selye International Institute for Advanced Studies & IUPHAR GI Section Original program accredited by: University of California-Irvine, School of Medicine Hosted by: J. Selye University, Komárno, Slovakia

Co-hosted by: Slovak Academy of Sciences, Biomedical Research Center Slovak Academy of Sciences, 2nd Faculty Charles University- Department of Pharmacology, St. Elizabeth University of Health and Social Work Bratislava, Faculty of Medicine Comenius University in Bratislava, Medical University of Vienna, University of Debrecen, Hungarian Academic Council of Slovakia, SEJK- Club of Hungarian Medical Students in Bratislava

Course directors: Profs. Arpad Somogyi, Sandor Szabo & Yvette Taché

(All former PhD students of Hans Selye, the 'father of biologic stress') Faculty: Internationally known experts & investigators who made original discoveries in the field of stress research & stress-related diseases, as well as local & regional experts.

Course goals: better understanding the concept of biologic stress, its manifestations, mechanisms & its pharmacologic ramifications (e.g., the anti-inflammatory & immune-modulating actions of glucocorticoids & the possibility of drug-interventions in severe distress), & to learn new avoidance, management & coping strategies. Certificate will be provided to those who attend all sessions.

Main topics:

- The origins of stress concept & the seminal discoveries of Hans Selye
- What is stress, what is not
- Stress: distress vs. eustress & transtress similarities in the adrenal glands, big difference in the brain
- The neuroendocrine mechanisms of stress; physiologic & pharmacologic actions of glucocorticoids
- Effect of stress on immune response & its role in the mechanisms of various diseases
- Stress & structural GI diseases, e.g., gastro-duodenal ulcers, IBD (inflammatory bowel diseases)
- Stress & functional GI disorders, e.g., motility disorders, IBS (irritable bowel syndrome)
- PTSD & organ systems involved in biologic stress
- Management strategies for stress: Pharmacologic interventions and/or life style changes
- · My good & bad experience with stress: Challenges & lessons learned (Short, oral or poster presentations by attendees)
- Stress in our daily lives from distress to eustress: Open forum with participation of all registered attendees

Venue: Komárno, Slovakia, (where H. Selye grew-up), J. Selye University' Conference center (Hradná 2., Komárno). Accomodation: Our special prices for hotel rooms in Komárno are 50-70 €, while hostels for students housing are available for 7-25 €. Dormitories for 7 €. Chair of Local Organizing Committee: János Filakovszky, MD, PhD, MBA filakovskyj@ujs.sk Local Contact: Mgr. Gergely Kocsis kocsisg@ujs.sk

Scientific & professional issues: Prof. Sandor Szabo, MD, PhD, MPH szs@selyeinstitute.org

Abstracts submission (for oral or poster presentation): Abstracts should be sent to Prof. Martina Rojnic-Kuzman MD, PhD mrojnic@gmail.com before the deadline of May 12, 2017.

Authors of submitted abstracts get 20 euros discount (enter Abstract2017 code at checkout!) Registration fee (includes access to all presentations Monday-Friday, course material, lunch, coffee breaks, welcome reception & one group dinner & one sight-seeing tour): 120 euros for undergraduate students: 150 euros for PhD students: 200 euros for others.