

# PROCEEDINGS OF THE EFOP-3.6.2-16-2017-00006 (LIVE LONGER) PROJECT

Date and time: 16<sup>th</sup> October 2020 (FRIDAY), 8:00 – 16:20

<b>Welcome and opening address</b> <a href="https://us02web.zoom.us/j/81692087671?pwd=S3dQTnBubEVUa1pXNWxRCSyM2FfZz09">https://us02web.zoom.us/j/81692087671?pwd=S3dQTnBubEVUa1pXNWxRCSyM2FfZz09</a> Meeting ID: 816 9208 7671 Passcode: 698479			
<b>8:00-8:10</b>			
<b>8:15-9:55</b>			
	<b>CHAIRMEN</b> <i>Kerémi Beáta; Ércs Dániel</i>	<b>CHAIRMEN</b> <i>Papp Mária; Mikó Alexandra</i>	<b>CHAIRMEN</b> <i>Baczkó István; Papp Zoltán</i>
	<b>SESSIONS</b> <b>SESSION 1 (Gastroenterology)</b>	<b>SESSIONS</b> <b>SESSION 5 (Clinical Gastroenterology)</b>	<b>SESSIONS</b> <b>SESSION 8 (Cardiology)</b>
	<b>MEETING LINKS</b> <a href="https://us02web.zoom.us/j/86563449652?pwd=Z3RGRGdFdjMDR6VlpSRzE4dEZndm8vQT09">https://us02web.zoom.us/j/86563449652?pwd=Z3RGRGdFdjMDR6VlpSRzE4dEZndm8vQT09</a>	<b>MEETING LINKS</b> <a href="https://us02web.zoom.us/j/83814476191?pwd=d2NVZ3Z4d1NlPndpR01Nid1oXVdVGD09">https://us02web.zoom.us/j/83814476191?pwd=d2NVZ3Z4d1NlPndpR01Nid1oXVdVGD09</a>	<b>MEETING LINKS</b> <a href="https://zoom.us/j/93096993248?pwd=WDJNINl3VjUwR2NWFjWmtpcE0kF3Zz09">https://zoom.us/j/93096993248?pwd=WDJNINl3VjUwR2NWFjWmtpcE0kF3Zz09</a>
	<b>MEETING ID and Passcode</b> Meeting ID: 865 6344 9652 Passcode: 647924	<b>MEETING ID and Passcode</b> Meeting ID: 838 1447 6191 Passcode: 891523	<b>MEETING ID and Passcode</b> Meeting ID: 930 9699 3248 Passcode: 142695
1	Development of a new method for the examination of pancreatic ducts Gál E... Venglovecz Z	HAEMORHEOLOGICAL ALTERATIONS IN COELIAC DISEASE: A CASE-CONTROL STUDY Nagy M... Bajor J	Ion channel gene transcripts in chorion-derived mesenchymal stem cells Mészros B... Panyi Gy
2	Do age-related changes in the acute central anorexic and hypermetabolic effects of urocortin II contribute to middle-aged obesity? Kovács K... Balaskó M	EARLY PHASE OF CHRONIC PANCREATITIS: RESULTS OF THE FIRST 20 MONTHS OF THE GOULASH-PLUS CLINICAL STUDY Kató D... Hegyi P	KCa1.1 and Kv10.1 K <sup>+</sup> channels are functionally expressed in chorion-derived mesenchymal stem cells Szántó G... Panyi Gy
3	Interplay of Orai1 Ca <sup>2+</sup> channel and Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) in epithelial physiology Varga A... Maléth J	THE ASSOCIATION BETWEEN BODY MASS INDEX AND GASTROINTESTINAL BLEEDING - ANALYSIS OF 100 GASTROINTESTINAL BLEEDING CASES FROM A PROSPECTIVE COHORT Vörhendi N... Kiss Sz	The voltage-gated proton channel hHv1 is functionally expressed in chorion-derived mesenchymal stem cells Papp F... Panyi Gy
4	Long-term effect of perinatal overnutrition on the body weight regulation: changes in the effect of leptin and cholecystokinin Eitmann Sz... Pétervári E	RISK FACTORS IN THE GASTROINTESTINAL BLEEDING - ANALYSIS OF 100 GASTROINTESTINAL BLEEDING CASES FROM A PROSPECTIVE COHORT Berki D... Hágendorn R	The effect of aerobic exercise training on cardiac morphology and electrophysiology in heavy endurance trained dogs Farkas A... Varró A
5	Human fetal pancreatic tissue as a suitable model for studying ductal transport processes Fűr G... Rakonczay Z	THERAPEUTIC APPROACH OF CHRONIC PSEUDOMONAS AERUGINOSA INFECTION IN CYSTIC FIBROSIS PATIENTS Varamnai O... Párniczky A	Transgenic LQT2, LQT5 and LQT2-5 rabbit models for more reliable prediction of drug-induced ventricular arrhythmias Hornyk T... Baczkó I
6	Evaluation of the expression of Serpin E1/PAL-1 in biological samples of inflammatory bowel disease patients Jórárt B... Farkas K	A HIGH MORTALITY OF 21% IN 2 MONTHS IN THE HUNGARIAN GASTROINTESTINAL BLEEDING REGISTRY-ANALYSIS OF THE FIRST 100 CASES Hágendorn R... Eröss B	Synthesis of ryanodine receptor selective charybdotoxin analogues Tóth G... Varga Z
7	Study of the mechanisms involved in biological effects of obestatin Szakács J... Szabó Gy	COMMON CASR VARIANTS IN HUNGARIAN CHRONIC PANCREATITIS PATIENTS Takáts A... Hegyi E	Design and synthesis of selective ion channel blocker peptide toxin analogues Tóth G... Panyi Gy
8	The effects of binge drinking and hangover on anxiety and depression Bágoi Zs... Csabafi K		Increased Ca <sup>2+</sup> content of the sarcoplasmic reticulum provides arrhythmogenic trigger source in swimming-induced rat athlete's heart model Gazdag P... Porok J
<b>9:55-10:15</b>	<b>BRAKE</b>		
<b>10:15-11:55</b>			
	<b>CHAIRMEN</b> <i>Maléth József; Uray Karen</i>	<b>CHAIRMEN</b> <i>Rakonczay Zoltán; Varga Gábor</i>	<b>CHAIRMEN</b> <i>Szabó Andrea; Balla József</i>
	<b>SESSIONS</b> <b>SESSION 2 (Gastroenterology)</b>	<b>SESSIONS</b> <b>SESSION 6 (Meta-analyses in gastroenterology)</b>	<b>SESSIONS</b> <b>SESSION 9 (Cardiovascular diseases)</b>
	<b>MEETING LINKS</b> <a href="https://us02web.zoom.us/j/86563449652?pwd=Z3RGRGdFdjMDR6VlpSRzE4dEZndm8vQT09">https://us02web.zoom.us/j/86563449652?pwd=Z3RGRGdFdjMDR6VlpSRzE4dEZndm8vQT09</a>	<b>MEETING LINKS</b> <a href="https://us02web.zoom.us/j/83814476191?pwd=d2NVZ3Z4d1NlPndpR01Nid1oXVdVGD09">https://us02web.zoom.us/j/83814476191?pwd=d2NVZ3Z4d1NlPndpR01Nid1oXVdVGD09</a>	<b>MEETING LINKS</b> <a href="https://zoom.us/j/93096993248?pwd=WDJNINl3VjUwR2NWFjWmtpcE0kF3Zz09">https://zoom.us/j/93096993248?pwd=WDJNINl3VjUwR2NWFjWmtpcE0kF3Zz09</a>
	<b>MEETING ID and Passcode</b> Meeting ID: 865 6344 9652 Passcode: 647924	<b>MEETING ID and Passcode</b> Meeting ID: 838 1447 6191 Passcode: 891523	<b>MEETING ID and Passcode</b> Meeting ID: 930 9699 3248 Passcode: 142695
9	The 8 amino acid long fragment of kisspeptin-13 induces anxiety-like behaviour and hypolocomotion in rats Ibcs K... Csabafi K	Probiotics have beneficial metabolic effects in patients with type 2 diabetes mellitus: a meta-analysis of randomized clinical trials Kocsis T... Solyó M	Endogenous regulation of neprilysin activity in the human blood. Umar M... Tóth A
10	Evaluation of implant osseointegration in rats – a complex analysis Farkasdi S... Varga G	COMPARISON OF ORAL VERSUS INTRAVENOUS PROTON PUMP INHIBITORS FOR BLEEDING PEPTIC ULCERS: A SYSTEMATIC REVIEW AND META-ANALYSIS Csiki E... Hegyi P	Outpatient management of patients with advanced heart failure in Debrecen, Hungary Ráduly A... Borbély A
11	Simultaneous detection of calcium and oxygen fluxes with High-Resolution Fluorescence Spectroscopy Juhász L... Boros M	BISPHOSPHONATE TREATMENT OF OSTEOPOROSIS DOES NOT INCREASE THE RISK OF SEVERE GASTROINTESTINAL SIDE EFFECTS: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS Domótor R... Eröss B	Sacubitril/valsartan in systolic heart failure (HFREF) – a two-year clinical experience Ráduly A... Borbély A
12	Contribution of N-methyl-D-aspartate receptor activation to organ dysfunction and microcirculatory - mitochondrial disturbances in experimental sepsis Rutai A... Kaszák J	GRANULOCYTE AND MONOCYTE APHERESIS IS AN EXCELLENT CHOICE AS AN ADJUNCTIVE THERAPY TO INDUCE AND MAINTAIN REMISSION IN ULCERATIVE COLITIS: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS Kiss Sz... Hegyi P	Ex vivo effects of sigma-1 receptor agonist on function of rat platelets in different animal models Vácsi S... Mezei Zs
13	Stability test of novel pulmonary formulation for further application in cystic fibrosis Benke E... Ambrus R	ACCURACY OF THE HELICOBACTER PYLORI DIAGNOSTIC TESTS IN PATIENTS WITH PEPTIC ULCER BLEEDING: THE RESULTS OF A NETWORK META-ANALYSIS Vörhendi N... Eröss B	The role of Piezo1 expression and its activation in the calcification of arterial smooth muscle cells Balogh N... Csernoch
14	Sodium Bicarbonate Inhibits Bacterial Growth in Artificial Sputum Medium Jaikumpan P... Zsembéry Á	RELAPSE RATE AFTER DRUG DE-ESCALATION IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS Dohos D... Sári P	Hemorrhage and unfolded protein response – a possible link in vascular disorders Gáll T... Balla J
15	Complex Regulatory Role of the TRPA1 Receptor in Acute and Chronic Airway Inflammation Mouse Models Hajna Zs... Helyes Zs	SCREENING METHODS FOR CYSTIC FIBROSIS-RELATED DIABETES - A NETWORK META-ANALYSIS Izsák V... Párniczky	Biochemical method for measuring efficacy of thrombin inhibitors Hajnal P... Papp Z
16		Addition of weight reduction to CPAP therapy decreases blood pressure and triglyceride level in OSA patients: a systematic review and meta-analysis of randomized controlled trials Kovács D... Balaskó M	Ferryl hemoglobin generated by hemoglobin oxidation in hemorrhaged atheroma inhibits osteoclast differentiation and activity in calcified lesion Zavacki E... Balla J
<b>11:55-13:00</b>	<b>LUNCHTIME</b>		

<b>13:00-14:40</b>	<b>CHAIRMEN</b>	Zsembery Ákos; Kiss Lóránd	Venglovicz Viktória, Uray Karen	Varró András; Tóth Attila
	<b>SESSIONS</b>	<b>SESSION 3 (Gastroenterology)</b>	<b>SESSION 7 (Gastroenterology)</b>	<b>SESSION 10 (Cardiology)</b>
	<b>MEETING LINKS</b>	<a href="https://us02web.zoom.us/j/83681400348?pwd=hzBzY0pZaGxobzQwL2ZwWU9ycTlQOT09">https://us02web.zoom.us/j/83681400348?pwd=hzBzY0pZaGxobzQwL2ZwWU9ycTlQOT09</a>	<a href="https://us02web.zoom.us/j/83587844080?pwd=SU8R83hdVUJ3VEd5ZExhbnAvQ25vZj09">https://us02web.zoom.us/j/83587844080?pwd=SU8R83hdVUJ3VEd5ZExhbnAvQ25vZj09</a>	<a href="https://zoom.us/j/98599682684?pwd=WG5yb1dRazU1UzhpZWp0YVVM4cVChd09">https://zoom.us/j/98599682684?pwd=WG5yb1dRazU1UzhpZWp0YVVM4cVChd09</a>
	<b>MEETING ID and Passcode</b>	Meeting ID: 836 8140 0348 Passcode: 617861	Meeting ID: 835 8284 4080 Passcode: 584337	Meeting ID: 985 9968 2684 Passcode: 750734
	17	Intra-oral Approach to Inferior Alveolar Nerve of the Rat Sadaeng W...Gerber G	Diagnosing COVID-19 from Saliva Specimen: A Systematic Review and Meta-Analysis Czumbel L...Varga G	New aspects in the renin-angiotensin-aldosterone system. Bánhegyi V... Tóth A
	18	Resolvin D1 and D2 Inhibit Transient Receptor Potential Vanilloid 1 and Ankyrin 1 Ion Channel Activation on Sensory Neurons via Lipid Raft Modification Payrits M...Szöke É	The efficacy of chlorine dioxide containing mouthwashes in the oral hygiene – a meta-analysis Kerémi B... Varga G	Prediabetes induced by fructose-enriched diet influences cardiac lipidome and proteome and leads to deterioration of cardiac function prior to the development of excessive oxidative stress and cell damage Szűcs G... Csont T
	19	Polarized HAT-7 cells: a new in vitro model for studying the molecular physiology of ion transport processes in amelogenesis Rácz R...Varga G	Long-term effect of perinatal overnutrition on the body weight regulation: changes in the effect of leptin and cholecystokinin Eitmann Sz... Pétervári E *meta-analysis	Methane-enriched preservation solution improves graft function in experimental heart transplantation Nenke K... Boros M
	20	The effect of Kisspeptin-13 on spatial learning and memory in a rat model of Amyloid-beta induced neurotoxicity Bodnár É... Csaba K	INVESTIGATION OF THE PANCREATIC DUCTAL ION SECRETION IN PANCREATIC DUCTAL ORGANOID CULTURES Molnar R... Maléth J	Cardiac electrophysiological effects of ibuprofen in dog and rabbit ventricular preparations: Possible implication to enhanced proarrhythmic risk Pászti B... Konec I
	21	Gut Barrier Failure: A Piece in the Puzzle of Acute-on Chronic Liver Failure Syndrome Development? Balogh B... Papp M	Upregulation of the TRPA1 Ion Channel in the Gastric Mucosa after Iodoacetamide-Induced Gastritis in Rats: A Potential New Therapeutic Target Csekő K... Helyes Zs	Advantageous antiarrhythmic effects of desethylamidarone (DEA) comparing to its parent compound amidarone (AMIO) Kohajda Zs... Varró A
	22	Characterization of HCO <sub>3</sub> <sup>-</sup> secretory processes in human pancreatic ductal organoid cultures Madácsy T... Maléth J	Pituitary adenylate cyclase activating polypeptide concentrations in the sheep mammary gland, milk, and in the lamb blood plasma after suckling Pohóczy K... Czékledi L	Comparison of late sodium current in canine, guinea pig and human ventricular myocardium Almássy J... Virág L
23	Dental pulp stem cell expansion on microcarriers Földes A... Varga G	The role of TRPM7 channel in the Ca <sup>2+</sup> homeostasis of ameloblast cells Kádár K... Zsembery Á	Characterisation of the late sodium current in canine cardiomyocytes Bányász T... Szentandrassy N	
24	The interaction between PAK1 and CXCL1 in the development of ileus Gergely B... Uray K	TR(i)Ps in the Realm of Thermophysiology Rumbus Z... Garami A	Development of diet-induced hypercholesterolemia is associated with alterations in cardiac gene expression profile Szabó M... Csont T	
<b>14:40-15:00</b>	Szünet			
<b>15:00-16:12</b>	<b>CHAIRMEN</b>	Eröss Bálint; Balaskó Márta		Keller-Pintér Anikó; Garami András
	<b>SESSIONS</b>	<b>SESSION 4 (Gastroenterology)</b>		<b>SESSION 11 (Muscle research)</b>
	<b>MEETING LINKS</b>	<a href="https://us02web.zoom.us/j/83681400348?pwd=hzBzY0pZaGxobzQwL2ZwWU9ycTlQOT09">https://us02web.zoom.us/j/83681400348?pwd=hzBzY0pZaGxobzQwL2ZwWU9ycTlQOT09</a>		<a href="https://zoom.us/j/98599682684?pwd=WG5yb1dRazU1UzhpZWp0YVVM4cVChd09">https://zoom.us/j/98599682684?pwd=WG5yb1dRazU1UzhpZWp0YVVM4cVChd09</a>
	<b>MEETING ID and Passcode</b>	Meeting ID: 836 8140 0348 Passcode: 617861		Meeting ID: 985 9968 2684 Passcode: 750734
	25	Bicarbonate Oppositely Regulates Cyclic di-GMP and Cyclic AMP Levels in Pseudomonas Aeruginosa Ruksakiet K... Zsembery		Posterone increases muscle fibre size partly similar to its metabolically parent compound, 20-hydroxyecdysone Csábi J... Zádor E
	26	Filamentous-actin related molecules – are they serologic hallmark of overwhelming damage-associated molecular patterns (DAMPs) in acute decompensation? Csillag A... Papp M		New mechanism of glucose uptake in skeletal muscle Köhler M... Keller-Pintér A
	27	Effects of orally administered probiotics on periodontal disease patients Sang-Ngoen T... Varga G		The Activities of the Gelsolin Homology Domains of Flightless-I in Actin Dynamics Pintér R... Bugyi B
	28	Effects of Hyperpolarization Activated Cyclic Nucleotide Gated Potassium and Sodium Channel 2 (HCN2) on intestinal motility Sipos Á... Uray K		Lifelong training and short term selenium treatment improve calcium handling and force generation in skeletal muscle of aged mouse Fodor J... Csernoch L
29			Impaired activation of myotubularin deficient muscle fibers Szentési P... Csernoch	
30			The regulation of Na <sup>+</sup> -K <sup>+</sup> -ATPase by myosin phosphatase in smooth muscle Horváth D... Lontay B	
<b>16:15-16:20</b>	<b>Closing remarks</b> <a href="https://us02web.zoom.us/j/81692087671?pwd=S3dQTnBubEVUa1pXNWxRCSyM2FFZz09">https://us02web.zoom.us/j/81692087671?pwd=S3dQTnBubEVUa1pXNWxRCSyM2FFZz09</a> Meeting ID: 816 9208 7671 Passcode: 698479			