

Scientific Programme

Wednesday, May 8th 2013

15.00 – 20.00	Registration, Ambassador Centrum Hotel
16.00 – 19.00	Poster mounting Ambassador Centrum Hotel, Conference room “A”
16.00 – 18.00	EHRs Council Meeting
19.00 – 22.00	Welcome reception Ambassador Centrum Hotel, Restaurant

Thursday, May 9th 2013

8.30 – 9.00	Opening Ceremony
9.00 – 9.45	Honorary Membership Ceremony
9.45 – 10.30 <i>Invited Lecture</i>	PERTTI PANULA (<i>introduction by M.B. Passani</i>) HISTAMINE AND ADDICTION: FROM BEHAVIOR TO NEUROTRANSMITTER INTERACTIONS P. Panula, J. Vanhanen, T. Mäki, S. Rozov, S. Nuutinen <i>Neuroscience Center and Institute of Biomedicine, Anatomy, University of Helsinki, Finland</i>
10.30 – 11.00	<i>Coffee break and posters' viewing</i>
11.00 – 13.00	HISTAMINE IN CNS, part I Chaired by: M.B. Passani and H.L. Haas
11.00 – 11.15 <i>Oral presentation</i>	HISTAMINERGIC NEURONS ARE EXCITED BY PROTONS <u>H.L. Haas</u> , Y. Yanovsky, A. May, O.A. Sergeeva <i>Department of Neurophysiology, Heinrich-Heine-University, Düsseldorf, Germany</i>
11.15 – 11.30 <i>Oral presentation</i>	ABT-239, AN H₃ RECEPTOR ANTAGONIST/INVERSE AGONIST, INCREASES HISTAMINE RELEASE AND C-FOS EXPRESSION IN BRAIN REGIONS INVOLVED IN MEMORY AND COGNITION <u>G. Provensi</u> , L. Munair, M.B. Passani, P. Blandina <i>Dipartimento di Neuroscienze, dell'Area del Farmaco e della Salute del Bambino – NEUROFARBA, Università di Firenze, Firenze, Italy</i>

11.30 – 11.45 <i>Oral presentation</i>	BEHAVIOURAL EVIDENCE FOR CENTRAL H₄ HISTAMINE RECEPTORS <u>R.M.A. Abuhamdah</u> , M.A. Katebe, A. Ennaceur, P.L. Chazot <i>School of Biological & Biomedical Sciences, Durham University, UK;</i> <i>Sunderland Pharmacy School, UK</i>
11.45 – 12.00 <i>Oral presentation</i>	THE HISTAMINE H₄ RECEPTOR IS FUNCTIONALLY EXPRESSED ON RAT SUBSTANCE P-CONTAINING DORSAL ROOT GANGLIA M.A. Katebe and <u>P.L. Chazot</u> <i>School of Biological & Biomedical Sciences, Durham University, UK</i>
12.00 – 12.15 <i>Oral presentation</i>	HISTAMINE TRANSPORT BY MOUSE PLASMA MEMBRANE MONOAMINE TRANSPORTER AND MOUSE ORGANIC CATION TRANSPORTER 3 <u>F. Naganuma</u> , T. Yoshikawa, T. Nakamura, T. Iida, R. Harada, A. Mohsen, K. Yanai <i>Tohoku University Graduate School of Medicine, Department of Pharmacology, Sendai, JAPAN</i>
12.15 – 12.20 <i>Poster presentation</i>	PHENYTOIN DERIVATIVES AS HISTAMINE H₃ RECEPTOR ANTAGONISTS IN EPILEPSY MODELS IN RATS <u>B. Sadek</u> , M. Walter, A. Adem, S. Shehab, S. Dhanasekaran, M. Shafiullah, L. Weizel, J.S. Schwed, H. Stark <i>Department of Pharmacology and Department of Anatomy, College of Medicine & Health Sciences, United Arab Emirates University, Al Ain, UAE;</i> <i>Biocenter, Institute of Pharmaceutical Chemistry, Johann Wolfgang Goethe University, Frankfurt, Germany</i>
12.25 – 12.30 <i>Poster presentation</i>	THE HYPOPHAGIC FACTOR OLEOYLETHANOLAMIDE RECRUITES HYPOTHALAMIC HISTAMINE PATHWAYS TO INHIBIT FOOD INTAKE <u>H. Umehara</u> , G. Provensi, L. Canto-de-Souza, R. Fabbri, P. Blandina, M.B. Passani <i>Dipartimento di Farmacologia Preclinica e Clinica, Università di Firenze, Firenze, Italy</i>
12.30 – 12.45 <i>Oral presentation</i>	CARDIOVASCULAR EFFECTS OF HISTAMINE H₃ RECEPTOR INVERSE AGONISTS IN HAEMORRHAGE-SHOCKED RATS J. Jochem <i>Department of Basic Medical Sciences, Medical University of Silesia, Bytom, Poland</i>
13.00 – 14.00	<i>Lunch</i>
14.00	Trip to Częstochowa Dinner (GOLD MILL Inn, KRUSZÓW) Transfer back

Friday, May 10th 2013

- 8.30 – 9.35** **HISTAMINE IN CNS, part II**
Chaired by: H. Fukui and P. Panula
- 8.30 – 9.15 **WILLIAM WISDEN** (*introduction by H.L. Haas*)
Invited Lecture **HISTAMINE AT THE INTERSECTION OF CIRCADIAN RHYTHMS AND THE SLEEP-WAKE CYCLE?**
Department of Life Sciences, Imperial College London, UK
- 9.15 – 9.30 **ENHANCED HISTAMINERGIC NEUROTRANSMISSION AND SLEEP-WAKE ALTERATIONS, A STUDY IN HISTAMINE H₃-RECEPTOR KNOCK-OUT MICE**
Oral presentation E. Gondard, C. Anacleto, H. Akaoka, R. Guo, M. Zhang C. Buda, P. Franco, H. Kotani, J.S. Lin
Integrative Physiology of the Brain Arousal Systems, Lyon Neuroscience Research Center, INSERM, Faculty of Medicine, Claude Bernard University, Lyon, France
- 9.30 – 9.35 **HISTAMINERGIC TUBEROMAMILLARY NUCLEUS CONSTITUTES ONE OF THE MOST IMPORTANT TARGETS FOR THE WAKE-PROMOTING EFFECT OF OREXIN NEURONS BUT NOT THE EXCLUSIVE ONE**
Poster presentation C. Anacleto, Y. Zhao, H.L. Haas, J.S. Lin
Integrative Physiology of the Brain Arousal Systems, Lyon Neuroscience Research Center, INSERM, Faculty of Medicine, Claude Bernard University, Lyon, France
- 9.35 – 12.00** **HISTAMINE RECEPTORS, part I**
Chaired by: D. Matosiuk and H. Stark
- 9.35 – 10.20 **ARMIN BUSCHAUER** (*introduction by H. Stark*)
Invited Lecture **TOWARD SELECTIVE MOLECULAR TOOLS FOR HISTAMINE H₂ AND H₄ RECEPTORS: CONFORMATIONAL CONSTRAINTS, BIOISOSTERIC AND BIVALENT APPROACHES**
A. Buschauer, R. Geyer, P. Igel, P. Baumeister, T. Birnkammer, D. Erdmann, U. Nordemann, N. Kagermeier, T. Holzammer, D. Wifling, J. Felixberger, D. Schnell, I. Brunskole, K. Ladova, K. Löffel, T. Reher, D. Neumann, Strasser, G. Bernhardt, R. Seifert, S. Dove
Institute of Pharmacy, University of Regensburg, Regensburg, Germany;
Institute of Pharmacology, Medical School of Hannover, Hannover, Germany
- 10.20 – 10.45 *Coffee break and posters' viewing*

10.45 – 11.00 <i>Oral presentation</i>	HISTAMINE H₃ RECEPTOR ACTIVITY OF (HOMO)PIPERIDINYL-PENTOXYPHENYL DERIVATIVES <u>K. Kieć-Kononowicz</u>, S. Schwed, L. Weizel, H. Stark, D. Łażewska <i>Department of Technology and Biotechnology of Drugs, Jagiellonian University Medical College, Cracow, Poland; Institute of Pharmaceutical Chemistry, Goethe University, Biozentrum, ZAFES/CMP/ICNF, Frankfurt/Main, Germany</i>
11.00 – 11.15 <i>Oral presentation</i>	NON-IMIDAZOLE HISTAMINE H₃ LIGANDS. SYNTHESIS AND PRELIMINARY PHARMACOLOGICAL INVESTIGATION OF 1-[2-THIAZOL-5-YL- AND 1-[2-THIAZOL-4-YL-(2-AMINOETHYL)]-4-N-PROPYLPIPERAZINE DERIVATIVES <u>M. Staszewski</u>, R. Guryn, K. Walczyński <i>Department of Synthesis and Technology of Drugs, Medical University of Lodz, Lodz, Poland</i>
11.15 – 11.20 <i>Poster presentation</i>	BENZYLPIPERIDINE VARIATIONS ON HISTAMINE H₃ RECEPTOR ANTAGONISTS FOR IMPROVED DRUGLIKENESS K. Wingen, K. Isensee, J.S. Schwed, L. Weizel, A. Živković, D. Odazic, <u>H. Stark</u> <i>Johann Wolfgang Goethe University, Institute of Pharmaceutical Chemistry, ZAFES/CMP/ICNF, Biozentrum, Frankfurt/Main, Germany</i>
11.20 – 11.25 <i>Poster presentation</i>	AMIDE DERIVATIVES OF 4-METHYLPIPERAZINE AS HISTAMINE H₄ RECEPTOR LIGANDS <u>D. Łażewska</u>, J. Cezary, S. Schwed, L. Weizel, H. Stark, K. Kieć-Kononowicz <i>Department of Technology and Biotechnology of Drugs, Jagiellonian University Medical College, Cracow, Poland; Institute of Pharmaceutical Chemistry, Goethe University, Biozentrum, ZAFES/CMP/ICNF, Frankfurt/Main, Germany</i>
11.25 – 11.30 <i>Poster presentation</i>	SEARCH FOR NEW HISTAMINE H₄ RECEPTOR LIGANDS IN THE GROUP OF 1,3,5-TRIAZINE DERIVATIVES M. Stelmasiński, P. Porwisz, M. Więcek, <u>K. Kamińska</u>, T. Kottke, S. Schwed, J. Handzlik, H. Stark, K. Kieć-Kononowicz <i>Department of Technology and Biotechnology of Drugs, Jagiellonian University Medical College, Cracow, Poland; Institute of Pharmaceutical Chemistry, Johann Wolfgang Goethe University, Frankfurt, Germany</i>
11.30 – 11.35 <i>Poster presentation</i>	IN VITRO CYTOTOXICITY EVALUATION OF 3 PIPERIDINOPROPAN-1-OL DERIVATIVES WITH H₃R ACTIVITY AND 1,3,5-TRIAZINE DERIVATIVES WITH H₄R ACTIVITY <u>G. Latacz</u>, K. Bąk, D. Łażewska, K. Kieć-Kononowicz <i>Jagiellonian University, Medical College, Department of Technology and Biotechnology of Drugs, Cracow, Poland</i>

11.35 – 11.40 <i>Poster presentation</i>	PIPERAZINE MODIFICATION IN 2,4,6-TRIAMINOPYRIMIDINE DERIVATIVES AS HISTAMINE H₄ RECEPTOR LIGANDS A. Schreeb, M. Walter, D. Odadzic, J. S. Schwed, L. Weizel, <u>H. Stark</u> <i>Goethe University, Institute of Pharmaceutical Chemistry, Biocenter, Frankfurt, Germany</i>
11.40 – 12.00 <i>Oral presentation (longer, 20 min)</i>	HISTAMINE H₄ RECEPTOR DRUG DISCOVERY: LESSONS LEARNED AND NEW OPPORTUNITIES R.A. Smits, H.D. Lim, M. Andaloussi, T. van der Meer, I.J.P. de Esch, <u>R. Leurs</u> <i>Griffin Discoveries BV, Amsterdam, The Netherlands</i>
12.00 – 13.30	<i>Lunch</i>
13.30 – 15.15	HISTAMINE RECEPTORS, part II AND METHODS Chaired by: N. Carruthers and K. Walczyński
13.30 – 13.50 <i>Oral presentation (longer, 20 min)</i>	DISCOVERY OF JNJ 39758979 AND SAR OF RELATED 2-AMINOPYRIMIDINE HISTAMINE H₄ ANTAGONISTS B.M. Savall <i>Janssen Research & Development, L.L.C., San Diego, USA</i>
13.50 – 14.05 <i>Oral presentation</i>	THE HISTAMINE H₄ RECEPTOR INHIBITS HUMAN NEUTROPHIL PHAGOCYTOSIS K. Dib, T. Scheithauer, T. Perecko, V. Jenei, R. L. Thurmond, <u>M. Ennis</u> <i>The Queen's University of Belfast, Belfast, UK</i>
14.05 – 14.20 <i>Oral presentation</i>	JNJ777120 COMPOUND AMELIORATES DAMAGE IN SALIVARY GLANDS, GINGIVA AND PERIODONTAL BONE PRODUCED BY EXPERIMENTALLY INDUCED PERIODONTITIS IN RATS J.P. Prestifilippo, J. Fernández-Solari, D. Martinel Lamas, C. Mohn, E.S. Rivera, J.C. Elverdin, <u>V.A. Medina</u> <i>Physiology Department, School of Dentistry, University of Buenos Aires, Argentina; Physiopathology Department, School of Pharmacy and Biochemistry, University of Buenos Aires, Buenos Aires, Argentina; National Scientific and Technical Research Council (CONICET), Argentina; Laboratory of Radioisotopes, School of Pharmacy and Biochemistry, University of Buenos Aires, Buenos Aires, Argentina</i>
14.20 – 14.25 <i>Poster presentation</i>	THE EFFECTS OF THE H₄R ANTAGONIST JNJ777120 ON THE PRODUCTION OF REACTIVE OXYGEN SPECIES BY HUMAN NEUTROPHILS <u>T. Perecko</u> , K. Drabikova, R. Nosal, V. Jancinova <i>Institute of Experimental Pharmacology and Toxicology, Slovak Academy of Sciences, Bratislava, Slovak Republic; Institute of Biophysics, Academy of Sciences of the Czech Republic, Brno, Czech Republic</i>

- 14.25 – 14.30
Poster presentation **EFFECTS OF HISTAMINE AND ITS H₄ RECEPTOR AGONISTS ON REACTIVE OXYGEN SPECIES PRODUCTION IN HUMAN LEUKOCYTES**
O. Vasicek, M. Ciz, A. Lojek
Institute of Biophysics, Academy of Sciences of the Czech Republic, Brno, Czech Republic; Masaryk University, Faculty of Science, Brno, Czech Republic
- 14.30 – 14.35
Poster presentation **ANTINOCICEPTIVE ACTION OF JNJ7777120 IN ACUTE PAIN MODELS AND ITS INTERACTIONS WITH ARACHIDONIC ACID DERIVATIVES INHIBITORS**
P. Rzdokiewicz, E. Gąsińska, D. Łażewska, M. Bujalska-Zadrozny, D. Maślińska, K. Kieć-Kononowicz, E. Wojtecka-Łukasik, D. Szukiewicz, S. Maśliński
Department of Biochemistry and Molecular Biology, Institute of Rheumatology, Warsaw, Poland
- 14.35 – 14.50
Oral presentation **THE ROLE OF HISTAMINE RECEPTORS ON GLUCAGON SECRETION IN ATC1.6 CELL**
T. Nakamura, T. Yoshikawa, F. Naganuma, R. Harada, A. Mohsen, K. Yanai
Tohoku University Graduate School of Medicine, Department of Pharmacology, Sendai, Japan
- 14.50 – 14.55
Poster presentation **EXPRESSION OF HUMAN HISTAMINE H₂-RECEPTORS IN TRANSGENIC MICE**
J. Neumann, F. Köhler, J. Meister, U. Kirchhefer, U. Gergs
Institut für Pharmakologie und Toxikologie, Medizinische Fakultät, Martin-Luther-Universität Halle-Wittenberg, Halle/Saale, Germany; Institut für Pharmakologie und Toxikologie, Westfälische Wilhelms-Universität Münster, Münster, Germany
- 14.55 – 15.10
Oral presentation **CHARACTERIZATION OF MONOCLONAL ANTIBODIES FOR HUMAN HISTAMINE N-METHYLTRANSFERASE**
H.G. Schwelberger, J. Feurle, G. Houen
Molecular Biology Laboratory, Dep. Visceral, Transplant & Thoracic Surgery, Medical University Innsbruck, Innsbruck, Austria; Statens Serum Institut, Copenhagen, Denmark
- 15.10 – 15.15
Poster presentation **EOSINOPHIL PURIFICATION FROM PERIPHERAL BLOOD – STUDY OF DIFFERENT IMMUNOMAGNETIC CELL SORTING METHODS EFFICIENCY**
M. Grosicki, T. Karcz, K. Bukowska-Strakova, K. Kieć-Kononowicz
Jagiellonian University Medical College, Faculty of Pharmacy, Department of Technology and Biotechnology of Drugs, Cracow, Poland; Jagiellonian Centre for Experimental Therapeutics (JCET), Cracow, Poland
- 15.15 – 15.45 *Coffee break and posters' viewing*

- 15.45 – 16.45** **HISTAMINE AND CANCER**
Chaired by: A. Falus and J. Jochem
- 15.45 – 16.00
Oral presentation **RADIOPROTECTIVE EFFECT OF JNJ7777120 AGAINST CYTOTOXIC AND GENOTOXIC DAMAGE OF IONIZING RADIATION**
D. Martinel Lamas, E. Carabajal, J.E. Cortina, P. Ciraolo, E. Rhon Calderón, S. Merani, E.S. Rivera, V.A. Medina
Laboratory of Radioisotopes, School of Pharmacy and Biochemistry, University of Buenos Aires, Buenos Aires, Argentina; Patagonic National Center – CONICET, Chubut, Argentina; Center of Reproduction Research, School of Medicine, University of Buenos Aires, Argentina; National Scientific and Technical Research Council (CONICET), Argentina
- 16.00 – 16.05
Poster presentation **NORMAL FIBROBLASTS INDUCE A MESENCHYMAL PHENOTYPE IN MAMMARY EPITHELIAL TUMOR CELLS WHICH IS BLOCKED BY HISTAMINE TREATMENT OF FIBROBLASTS**
J. Porretti, N. Mohamad, E. Badenas, M. Esnaola, Micaela Santoro, D. Martinel Lamas, G. Martín, G. Cricco
Laboratory of Radioisotopes, School of Pharmacy and Biochemistry, University of Buenos Aires, Buenos Aires, Argentina
- 16.05 – 16.10
Poster presentation **ANTIPROLIFERATIVE EFFECTS OF H₄R AGONISTS ON HUMAN WIDR COLORECTAL CANCER CELL LINE**
P. Ciraolo, D. Martinel Lamas, J.E. Cortina, E.S. Rivera, V.A. Medina
Laboratory of Radioisotopes, School of Pharmacy and Biochemistry, University of Buenos Aires, Buenos Aires, Argentina; National Scientific and Technical Research Council (CONICET), Argentina
- 16.10 – 16.15
Poster presentation **H₄R AGONISTS SUPPRESS HUMAN MELANOMA GROWTH AND LUNG METASTASES**
N.A. Massari, V.A. Medina, G.P. Cricco, D. Martinel Lamas, L. Sambuco, P. Ciraolo, J.E. Cortina, E.S. Rivera
Laboratory of Radioisotopes, School of Pharmacy and Biochemistry, University of Buenos Aires, Buenos Aires, Argentina; National Scientific and Technical Research Council (CONICET), Argentina; Institute of Immunooncology, Buenos Aires, Argentina
- 16.15 – 16.20
Poster presentation **EXPRESSION PATTERN OF HISTAMINE-RELATED GENES IN ENDOMETRIAL CANCER**
A. Jęda, G. Janikowska, G. Cwynar, M. Ciałoń, T. Janikowski, J. Orchel, U. Mazurek, A. Witek
Department and Clinic of Gynecology and Obstetrics, Department of Analytical Chemistry, Department of Molecular Biology, Medical University of

16.20 – 16.25 <i>Poster presentation</i>	<i>Silesia, Katowice, Poland</i> COMPARISON OF GENE EXPRESSION PROFILES CONNECTED WITH PROLIFERATION PROCESS IN NORMAL AND ENDOMETRIAL CANCER CELLS <u>G. Cwynar</u>, A. Jęda, G. Janikowska, M. Ciałoń, T. Janikowski, J. Orchel, U. Mazurek, A. Witek <i>Department and Clinic of Gynecology and Obstetrics, Department of Analytical Chemistry, Department of Molecular Biology, Medical University of Silesia, Katowice, Poland</i>
16.25 – 16.30 <i>Poster presentation</i>	TGF-B GENES INVOLVED IN CELL CYCLE REGULATION IN ENDOMETRIAL CANCER <u>M. Ciałoń</u>, A. Jęda, G. Janikowska, T. Janikowski, J. Orchel, G. Cwynar, A. Witek, U. Mazurek <i>Department and Clinic of Gynecology and Obstetrics, Department of Analytical Chemistry, Department of Molecular Biology, Medical University of Silesia, Katowice, Poland</i>
16.30 – 16.45 <i>Oral presentation</i>	AMINOXY ANALOGUE OF HISTAMINE IS AN EFFICIENT INHIBITOR OF MAMMALIAN L-HISTIDINE DECARBOXYLASE: COMBINED IN SILICO AND EXPERIMENTAL EVIDENCES R. Castro-Oropeza, A. Pino-Ángeles, M.A. Khomutov, J.L. Urdiales, A.A. Moya-García, A. Khomutov, F. Sánchez-Jiménez <i>Department of Molecular Biology and Biochemistry, University of Malaga and Unit 741 “Centro de Investigación en Red en Enfermedades Raras” (CIBERER), Málaga , Spain; Engelhardt Institute of Molecular Biology, Moscow, Russia</i>
17.00	<i>Sandwich/Coffee/Tea</i> (Hall, next to the conference room)
18.00	Bus transfer to the Grand Theater Lodz
18.30	Ballet “Promised Land”, the Grand Theater Lodz Composer: Gray Veredon/Franz von Suppé and Michael Nyman Author of the libretto: Gray Veredon, inspired by Władysław Reymont's novel and a movie by Andrzej Wajda
21.30	Dinner (Ambasador Centrum Hotel, Restaurant)

Saturday, May 11th 2013

9.00 – 11.00	HISTAMINE AND CELLS, part I Chaired by: E. Masini and F. Pearce
9.00 – 9.45 <i>Invited Lecture</i>	GB West lecture SATOSHI TANAKA (<i>introduction by W.A. Fogel</i>) HISTAMINE SYNTHESIS AND ITS FUNCTIONS IN MURINE MAST CELLS <i>Department of Immunobiology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan</i>
10.00 – 10.15 <i>Oral presentation</i>	CLINICAL SIGNIFICANCE OF HISTAMINE H₁ RECEPTOR-PKC DELTA-HSP90 SIGNALING IN ALLERGIC SYMPTOMS <u>H. Fukui</u> , H. Mizuguchi, Y. Kitamura, N. Takeda <i>Department of Molecular Pharmacology, Department of Otolaryngology, Institute of Health Biosciences, The University of Tokushima Graduate School, Tokushima, Japan</i>
10.15 – 10.30 <i>Oral presentation</i>	EFFECTS OF A SELECTIVE INHIBITOR POLY (ADP-RIBOSE)POLYMERASE (PARP) ON MAST CELL ACTIVATION BRONCHO-CONSTRICTION AND LUNG FIBROSIS <u>L. Lucarini</u> , A. Pini, C. Lanzi, D. Bani, R. Pellicciari, F. Moroni, E. Masini <i>Departments of NEUROFARBA, Section of Pharmacology, Experimental and Clinical Medicine, Section of Anatomy and Histology, University of Florence, Florence; Chemistry and Drug Technology, University of Perugia, Perugia, Italy</i>
10.30 – 10.45 <i>Oral presentation</i>	EVIDENCE FOR “NATURAL” AND “INDUCED” MURINE BASOPHILS DIFFERING IN CALCIUM-DEPENDENT RESPONSIVENESS TO FCϵRI CROSSLINKING IN TERMS OF HISTAMINE AND CYTOKINE PRODUCTION: ROLE OF AUTOCRINE IL-3 R. Bricard, F. Machavoine, S. Mecheri, M. Begg, M. Leite de Moraes, E. Schneider, <u>M. Dy</u> <i>CNRS UMR 8147, Université Paris Descartes Paris, France; Institut Pasteur Paris France; GlaxoSmithKline Hertfordshire, UK</i>
10.45 – 11.00 <i>Oral presentation</i>	MAST CELL BIOLOGICAL RESPONSES CAN BE AFFECTED BY IgE ALONE <u>A. Słodka</u> , E. Bąbolewska, P. Witczak, E. Brzezińska-Błaszczyk <i>Department of Experimental Immunology, Medical University of Lodz, Lodz, Poland</i>
11.00 – 11.30	<i>Coffee break and posters' viewing</i>

11.30 – 13.25	HISTAMINE AND CELLS, part II Chaired by: M. Ennis and D. Szukiewicz
11.30 – 12.15 <i>Invited Lecture</i>	MAREK JUTEL (<i>introduction by M. Ennis</i>) THE ROLE OF HISTAMINE SIGNALLING IN PATHOMECHANISM OF NON-SPECIFIC IBD <i>Wroclaw Medical University, Department of Clinical Immunology, Wroclaw, Poland</i>
12.15 – 12.30 <i>Oral presentation</i>	THE ANALYSIS OF MAST CELL AND EOSINOPHILIC INFILTRATES PRESENCE IN THE COURSE OF INFLAMMATORY BOWEL DISEASE <u>M. Pyzlak</u> , J. Wejman, D. Jarosz, W. Tarnowski, G. Szewczyk, D. Szukiewicz Department of General and Experimental Pathology, Medical University of Warsaw, Warsaw, Poland; Department of Pathology, W. Orłowski Clinical Hospital, Center for Medical Postgraduate Education, Warsaw, Poland; Department of Gastroenterology and Hepatology, Center for Medical Postgraduate Education, Warsaw, Poland; Department of Gastrointestinal Tract Surgery, W. Orłowski Clinical Hospital, Center for Medical Postgraduate Education, Warsaw, Poland
12.30 – 12.35 <i>Poster presentation</i>	HISTAMINE AND TOLL-LIKE RECEPTOR EXPRESSION ARE ALTERED IN PBMCs FROM INFLAMMATORY BOWEL DISEASE PATIENTS <u>S. Smolinska</u> , P. Konieczna, M. Jutel, L. O'Mahony <i>Wroclaw Medical University, Department of Clinical Immunology, Wroclaw, Poland; Swiss Institute of Allergy and Asthma Research, Davos, Switzerland</i>
12.35 – 12.40 <i>Poster presentation</i>	THE INFLUENCE OF HISTAMINE-RELATED GENES ON INFLAMMATION T. Janikowski, M. Ciałoń, A. Jęda, G. Cwynar, J. Orchel, A. Witek, U. Mazurek <i>Department and Clinic of Gynecology and Obstetrics; Department of Molecular Biology, Medical University of Silesia, Katowice, Poland</i>
12.40 – 12.55 <i>Oral presentation</i>	THE EXPRESSION OF HISTAMINE AND OTHER KEY MARKERS IN THE ZEBRAFISH GUT M. Kurnik, Y.-C. Chen, M. Sundvik, S. Rozov, P. Panula <i>Neuroscience Center and Institute of Biomedicine/Anatomy, University of Helsinki, Helsinki, Finland</i>
12.55 – 13.10 <i>Oral presentation</i>	MAST CELLS GENERATE CYSTEINYL LEUKOTRIENES AND EXHIBIT ALTERED IgE-DEPENDENT RELEASABILITY UPON TLR3- AND TLR7-MEDIATED ACTIVATION <u>P. Witczak</u> , A. Słodka, E. Bąbolewska, K. Wódz, E. Brzezińska-Błaszczyk <i>Department of Experimental Immunology, Medical University of Lodz, Lodz, Poland</i>

13.10 – 13.15 <i>Poster presentation</i>	HOST DEFENSE PEPTIDE CATHELICIDIN LL-37 AS MAST CELL STIMULUS E. Bąbolewska, A. Słodka, P. Witczak, A. Pietrzak, E. Brzezińska-Błaszczyk <i>Department of Experimental Immunology, Medical University of Lodz, Lodz, Poland</i>
13.15 – 13.20 <i>Poster presentation</i>	PRELIMINARY CHARACTERIZATION OF HISTAMINE RECEPTOR EXPRESSION IN HUMAN LUNG MAST CELLS L.J. Kay, E.P. Seward, P.T. Peachell <i>University of Sheffield, Sheffield, UK</i>
13.20 – 13.25 <i>Poster presentation</i>	EFFECT OF HISTAMINE ON HUMAN EPITHELIAL CELL LINES J.B. Stott, P.L. Chazot, N. Lethbridge, A. Zholos, M. Ennis <i>Centre for Infection and Immunity, Queen's University Belfast, Belfast, UK</i>
13.25 – 13.30 <i>Poster presentation</i>	EFFECTIVENESS OF PHARMACOLOGICALLY INDUCED HISTAMINE RELEASE IN THE TREATMENT OF COMMON DISEASES IN DOGS S. De La Torre, G. De Erausquin <i>De La Torre Veterinary Clinic, Mendoza, Argentina; University of South Florida, Tampa, USA</i>
13.30 – 14.15	<i>Lunch and posters' viewing</i>
14.15 – 14.35	DATABASES' PRESENTATION
14.15 – 14.25 <i>Oral presentation</i>	HISTAMINE H₄ LIGAND DATABASE A. Sasse <i>School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin, Dublin, Ireland</i>
14.25 – 14.35 <i>Oral presentation</i>	THE HISTAMINE METHODS & TOOLS DATABASE – READY TO USE H.G. Schwelberger <i>Molecular Biology Laboratory, Department of Visceral, Transplant and Thoracic Surgery, Medical University Innsbruck, Innsbruck, Austria</i>

14.35 – 16.05	YOUNG INVESTIGATOR AWARD SYMPOSIUM Chair and Jury: A. Sydbom, A. Sasse, J.-S. Lin
14.35 – 14.50 <i>Oral presentation</i>	DYNAMIC REGULATION OF WAKE-ACTIVE NEURONS <u>M. Sundvik</u> , Y.-C. Chen, S. Rozov, P. Panula <i>Neuroscience Center and Institute of Biomedicine, Anatomy, Biomedicum Helsinki, University of Helsinki, Finland</i>
14.50 – 15.05 <i>Oral presentation</i>	HISTAMINE MICROINJECTED INTO THE CEREBELLAR VERMIS IMPROVES MEMORY CONSOLIDATION OF INHIBITORY AVOIDANCE IN MICE <u>A.C. Gianlorenco</u> , R. Mattioli <i>Federal University of Sao Carlos, Sao Carlos, Brazil</i>
15.05 – 15.20 <i>Oral presentation</i>	EVIDENCE FOR ANALGESIC ACTION OF AESCULETIN IN CARRAGEENAN INDUCED INFLAMMATION <u>P. Rzodkiewicz</u> , E. Gąsińska <i>Department of Biochemistry and Molecular Biology, Institute of Rheumatology, Warsaw, Poland</i>
15.20 – 15.35 <i>Oral presentation</i>	EXPLORING TRANSCRIPTIONAL NETWORK CAUSALLY ASSOCIATED WITH POLLINOSIS BY TOLUENE-2,4-DIISOCYANATE-SENSITIZED RATS <u>M. Michioki</u> , H. Mizuguchi, H. Ogishi, Y. Kitamura, N. Takeda, H. Fukui <i>Department of Molecular Pharmacology, Department of Otolaryngology, Institute of Health Biosciences, The University of Tokushima Graduate School, Tokushima, Japan</i>
15.35 – 15.50 <i>Oral presentation</i>	QUERCETIN INHIBITS TRANSCRIPTIONAL UP-REGULATION OF HISTAMINE H₁ RECEPTOR VIA SUPPRESSING PROTEIN KINASE C-D/EXTRACELLULAR SIGNAL-REGULATED KINASE/POLY(ADP-RIBOSE) POLYMERASE-1 SIGNALING PATHWAY IN HELA CELLS <u>T. Nakano</u> , H. Mizuguchi, M. Hattori, Y. Baba, S. Ono, Q. Zhang, Y. Sasaki, M. Kobayashi, Y. Kitamura, N. Takeda, H. Fukui <i>Department of Molecular Pharmacology, Department of Otolaryngology, Institute of Health Biosciences, The University of Tokushima Graduate School, Tokushima, Japan</i>
15.50 – 16.05 <i>Oral presentation</i>	THE HUMAN HISTAMINEGIC SYSTEM IN HEALTH AND NEUROPSYCHIATRIC DISORDERS BRAIN: A POSTMORTEM STUDY <u>L. Shan</u> , A.-M. Bao, D.F. Swaab <i>Netherlands Institute for Neuroscience, an Institute of the Royal Netherlands Academy of Arts and Sciences, Amsterdam, the Netherlands; Department of Neurobiology; Key Laboratory of Medical Neurobiology of Ministry of Health of China; Zhejiang Province Key Laboratory of Neurobiology, Zhejiang University School of Medicine, Hangzhou, China</i>

<i>16.05 – 16.30</i>	<i>Coffee break</i>
16.30 – 18.00	General Assembly of the EHRS
20.00 – 00.00	Farewell Dinner Ambassador Centrum Hotel, Restaurant