



## SCIENTIFIC PROGRAMME

The meeting starts in the afternoon of Wednesday 10 May 2006 and closes officially after the farewell dinner in the early hours of Sunday 14 May 2006.

### Wednesday 10 May 2006

15.00 - 21.00	Arrival - Check in - Registration
17.00 - 18.30	EHR Council Meeting
19.30 - 22.30	Welcome reception

### Thursday 11 May 2006

08.00 - 13.00	Registration
<b>08.00 - 08.45</b>	<b>Opening ceremony</b>
<b>08.45 - 09.30</b>	I1: <b>Invited lecture</b> Histamine and the EHRS – what has happened in the last 35 years? <u>Madeleine Ennis</u> , UK Introduced by <i>Prof Fred L Pearce</i>
<b>09.30 - 10.30</b>	<b>Oral session 1: Future perspectives in histamine research</b> Chairpersons: <i>Prof Fred Pearce &amp; Prof Agnieszka Fogel</i>
09.30 - 09.45	O1: Novel ligands stabilize stereo-selective conformations of the H <sub>1</sub> receptor to result in functionally-selective activation or antagonism of intracellular signaling pathways <u>Booth RG</u>
09.45 - 10.00	O2: Fast production and analysis of the human histamine H <sub>1</sub> receptors using a cell free protein expression system followed by MS analysis <u>Sansuk K, Bakker RA, Hensbergen P, Leurs R</u>
10.00 - 10.15	O3: Effect of sulphasalazine and balsalazide on histamine release from mast cells <u>Peh KH, Wan BCY, Assem ESK, Pearce FL</u>
10.15 - 10.30	O4: Luminometric determination of amine oxidase activity <u>Schwelberger HG, Feurle J</u>
10.30 - 11.45	Coffee break
<b>10.45 - 11.45</b>	<b>Poster session 1: H<sub>3</sub> receptors</b> Chairpersons: <i>Prof Patrizio Blandina &amp; Prof Holger Stark</i>
	P1: H <sub>3</sub> receptor activation phosphorylates Akt in rat cortical neurons <u>Mariottini C, Chiarugi A, Fossati S, Blandina P, Passani MB</u>
	P2: Histamine H <sub>3</sub> receptors modulate [ <sup>3</sup> H]-dopamine release in rat <i>substantia nigra pars reticulata</i> , but not in prefrontal cortex <u>Ramos-Jiménez J, Garduño-Torres B, Camacho J, Arias-Montaño J-A</u>
	P3: Is the high affinity selective H <sub>3</sub> receptor agonist methimepip anxiolytic or anxiogenic in a new validated animal models of human anxiety? <u>Chazot PL, Leurs R, de Esch IJP, Ennaceur A</u>
	P4: Down-regulation of histamine H <sub>3</sub> receptors in rat striatum <u>Garduño-Torres B, Arias-Montaño J-A</u>
	P5: Pharmacological characterization and <i>in vitro</i> ADME properties of immethridine, a potent and highly selective histamine H <sub>3</sub> -R agonist <u>Celanire S, Gillard M, Christophe B, Quere L, Collart P, Dassesse D, van Marle A, Hulscher S, Bakker R, Zuiderveld P, Timmerman H, Leurs R, Chatelain P, Lamberty Y, Talaga P</u>
	P6: Histamine H <sub>3</sub> receptors regulate glutamate, but not GABA release in rat thalamus <u>Garduño-Torres B, Treviño M, Gutiérrez R, Arias-Montaño J-A</u>

- P7: Heterocyclic replacements for the central phenyl-core of diamine-based human histamine H<sub>3</sub> receptor antagonists  
*Carruthers NI*
- P8: Histamine 3 receptor inverse agonists for the treatment of obesity. Biological and chemical challenges  
*Freichel C, Gatti-Mac Arthur S, Hertel C, Huwyler J, Nakagawa T, Nettekoven M, Plancher J-M, Raab S, Richter H, Roche O, Sarmiento RMR, Schuler F, Taylor S, Ullmer C, Wiegand R*
- P9: Ureas with H<sub>3</sub>-antagonist activity—a new scaffold discovered by lead-hopping starting from cinnamic acid amides  
*Lau J, Jensen CB, Lund P, Hohlweg R*
- P10: Radiosynthesis and biodistribution of a histamine H<sub>3</sub> receptor antagonist: evaluation of a potential pet ligand  
*Airaksinen AJ, Jablonowski JA, Van der May M, Barbier AJ, Klok RP, Verbeek J, Schuit R, Herscheid JDM, Leysen JE, Carruthers NI, Lammertsma AA, Windhorst AD*
- P11: (3-Piperidin-1-yl-propoxy)-tetrahydroisoquinolines and tetra-hydroazepines: A novel series of selective histamine H<sub>3</sub> receptor antagonists  
*Jesudason CD, Beavers LS, Cramer JW, Dill J, Finley DR, Gleason SD, Hemrick-Luecke SK, Lindsley CW, Nelson DLG, Stevens FC, Gadski RA, Oldham SW, Pickard RT, Siedem CS, Sindelar DK, Singh A, Watson BM, Witkin JM, Hipskind PA*

**10.45 - 11.45****Poster session 2: Mast cells and Basophils**Chairpersons: *Dr Nina Grosman & Dr El-Sayed K Assem*

- P12: Mast cell-derived interleukin-8 may be involved in the ovarian mechanisms of follicle growth and ovulation  
*Szukiewicz D, Pyzlak M, Klimkiewicz J, Szewczyk G, Maslinska D*
- P13: Potent histamine-releasing activity of atrahagin, a snake venom metalloproteinase  
*Wei JF, Mo YZ, Qiao LY, Wei XL, Chen HQ, Xie H, Fu YL, He SH*
- P14: Gene expression profiling of mouse mucosal mast cell (mMMC) proteases  
*Wiener Z, Keszei M, Gilicze A, Falus A*
- P15: Distribution of mast cell- tryptase and metallothionein in human brains with amyloid deposit  
*Maślińska D, Laure-Kamionowska M, Maśliński KT, Gujski M, Maśliński S*
- P16: Clinico-biological characteristics of flow cytometry applied to NSAIDs hypersensitivity diagnosis. Determination of preliminary ROC curves  
*Sainte-Laudy J, Touraine F, Boumediene A, Cogné M*
- P17: Amitriptyline inhibits mast cell histamine secretion: implications for chronic fatigue syndrome therapy  
*Theoharides TC, Kempuraj D*
- P18: Lack of endogenous histamine affects early inflammatory phase of wound healing  
*Holub MC, Falus A*
- P19: Transtympanic versus intramuscular steroid administration in a histamine-induced inflammatory middle ear model  
*Chimona TS, Panayiotides JG, Papadakis CE, Helidonis ES, Velegrakis GA*
- P20: A heretofore undisclosed crux of eosinophilia-myalgia syndrome: compromised histamine degradation  
*Smith MJ, Garrett RH*
- P21: Music therapy, “adverse” diet and histamine  
*Hanke A, Klawitter B, Meng H, Herwald M, Hasenmaier M, Borck H, Fischer M, Diel E, Diel F*

P22: Analysis of human basophil activation feed back induced by histamine and high histamine dilutions

Sainte-Laudy J, Belon Ph

P23: *Whithdrawn*

**11.45 - 13.00**

**Oral session 2: Allergy and Inflammation**

Chairpersons: *Prof Friedhelm Diel & Prof Marija Čarman-Kržan*

11.45 - 12.00 O5: Activation of cannabinoid receptors prevents allergen-induced asthma-like reaction in sensitized guinea pigs

*Fabrizi F, Vannacci A, Giannini L, Mariottini C, Passani MB, Mannaioni PF, Nistri S, Masini E*

12.00 - 12.15 O6: Effects of the carbon monoxide releasing molecule CORM-3 in a cocubation model with rat mast cells and human neutrophils

*Vannacci A, Giannini L, Fabrizio F, Uliva C, Mastroianni R, Masini E, Mannaioni PF*

12.15 - 12.30 O7: Prevention of antigen-induced bronchoconstriction by epigallocatechine-3-gallate in actively sensitized guinea pigs

*Giannini L, Uliva C, Bani D, Mastroianni R, Suzuki Y, Nistri S, Mannaioni PF, Suzuki H, Masini E*

12.30 - 12.45 O8: Increased nitric oxide production mediates T cell signal transduction in histidine decarboxylase knockout mice

*Koncz A, Nagy G, Mazan M, Buzás E, Falus A*

12.45 - 13.00 O9: Histamine influences the DNA interaction of STATs in human lymphocytes

*Diel F, Borck H, Meng H*

**13.00 - 13.30**

**Poster session 3: Histamine in the CNS**

Chairpersons: *Dr Zsuzsanna Huszti and Dr Gill Sturman*

P24: *Whithdrawn*

P25: Excitatory effect of histamine on neuronal activity of rat globus pallidus by activation of H<sub>2</sub> receptors *in vitro*

*Chen K, Wang J-J*

P26: *Whithdrawn*

P27: Histamine improves rat rota-rod and balance beam performances through H<sub>2</sub> receptors in the cerebellar interpositus nucleus

*Song Y-N, Li H-Z, Zhu J-N, Wang J-J*

P28: P2Y receptor mediated excitation in the posterior hypothalamus

*Sergeeva OA, Klyuch BP, Fleischer W, Eriksson K, Korotkova TM, Siebler M, Haas HL*

P29: Central histaminergic system – the regulatory mechanism of circulatory homeostasis in haemorrhagic shock

*Jochem J*

**13.00 - 13.30**

**Poster session 4: Histamine in the GI tract**

Chairpersons: *Dr Frank Ahrens & Dr Hegyi Krisztina*

P30: Amitriptyline affects guinea pig post-heparin plasma diamine oxidase activity

*Rajtar S, Irman-Florjanc T*

P31: Immunolocalization of histamine H<sub>3</sub> receptor in the rat gastrointestinal tract

*Chazot PL, Shenton FC, Schunack W, Grandi D, Morini G*

P32: Influence of H<sub>3</sub>/H<sub>4</sub> receptor antagonist thioperamide on regional haemodynamics in rats with trinitrobenzene sulfonic acid-induced colitis

*Fogel AW, Jochem J, Lewinski A*

P33: *Whithdrawn*



- P34: Functional gut mucosal biopsy testing using tolerated food antigens during mucosa oxygenation yields a high extent of specificity in non-atopic, non-allergic healthy individuals  
Raithel M, Sehnert C, Nägel A, Backhaus B, Straube S, Buchwald W, Schultis W, Kressel J, Hahn EG, Kimpel S, Konturek P
- P35: Mechanisms underlying the radioprotective effect of histamine on small intestine  
Medina VA, Mohamad NA, Croci M, Cricco GP, Núñez MA, Martín GA, Bergoc RM, Rivera ES

13.30 - 14.30

Lunch

15.00 - 22.00

Excursion - Dinner

### Friday 12 May 2006

08.00 - 19.00

Registration Desk Open

08.00 - 08.45

I2:

#### **GB WEST lecture**

Histamine and systems biology: genes and genomics beyond genes

Andras Falus, Hungary

Introduced by *Prof Madeleine Ennis*

08.45 - 9.45

#### **Oral session 3: Metabolism, Reproduction and Cancer**

Chairpersons: *Prof Madeleine Ennis & Dr Hubert Schwelberger*

08.45 - 09.00

O10:

Amine system project

Medina MA, Aldana JF, Villatoro FR, Claros G, Urdiales JL, Trelles O, Sánchez-Jiménez F

09.00 - 09.15

O11:

Effects of histamine on triglyceride breakdown in mouse adipocytes

Carpéné C, Bour S, Prévot D, Duffaut C, Valet P

09.15 - 09.30

O12:

Highlights in histamine function and reproduction

Pap E, Pállinger E, Falus A

09.30 - 09.45

O13:

Expression of histamine H<sub>3</sub> and H<sub>4</sub> receptors in benign lesions and malignant carcinomas of the human mammary gland

Medina VA, Croci M, Crescenti EJV, Bergoc RM, Rivera ES

09.45 - 11.15

#### **Oral session 4: Histamine and brain**

Chairpersons: *Dr Paul Chazot & Dr Zoe Papadopoulou-Daifoti*

09.45 - 10.00

O14:

Generation of the first anti-hH<sub>4</sub> receptor antibody: identification of the H<sub>4</sub>R in human lymphocytes and brain

Chazot PL, Shenton FC, Van Rijn RM, Bakker RA, Leurs R

10.00 - 10.15

O15:

Aversive memory consolidation and reconsolidation: differences in neurotransmitter engagement.

Bucherelli C, Baldi E, Mariottini C, Passani MB, Blandina P

10.15 - 10.30

O16:

Properties of native GABA<sub>A</sub> receptors in histaminergic and orexinergic neurons

Sergeeva OA, Haas HL

10.30 - 10.45

O17:

Characteristics of cortical EEG and sleep-wake cycle in *histamine H<sub>1</sub>-receptor knockout mice*

Parmentier R, Anaclet C, Watanabe T, Lin J-S

10.45 - 11.00

O18:

Histamine and behavioral state-dependent control of hippocampal plasticity

Selbach O, Haas HL

11.00 - 11.15

O19:

*Whithdrawn*

11.15 - 12.00

Coffee break

11.30 - 12.00

#### **Poster session 5: Clinical aspects of histamine research**

Chairpersons: *Dr Anita Sydbom & Dr Mariusz Gujski*

P36: *Whithdrawn*

P37: Evaluation of urinary N-methylhistamine excretion during a long-term follow up of

patients with inactive Crohn's disease

*Kimpel S, Nägel A, Backhaus B, Straube S, Buchwald W, Schultis W, Kressel J, Hahn EG, Raithe M*

P38: Second-generation antihistamines (SGAs): a systematic review of their effect on quality-of-life (QoL) in intermittent allergic rhinitis (IAR)

*Golightly LK*

P39: Do both systemic and topical anti-allergy treatments cause ocular dryness?

*Gomes P, Abelson MB, Torkildsen G*

P40: Use of rEV131 for prevention of anterior chamber inflammation in an animal model

*Gomes P, Lane K, Abelson MB, Weston-Davies W*

P41: Lidocaine protein binding time response to diphenhydramine administration in rat tissues.

*Tigka E, Daskala I, Tsagatakis M, Melakopoulos I, Saranteas Th, Tesseromatis C*

**11.30 - 12.00**

**Poster session 6: Histamine in Reproduction and Cancer**

Chairpersons: *Prof Elena S Rivera and Prof Danuta Maślińska*

P42: Locally secreted histamine may regulate the development of ovarian follicles by apoptosis

*Szukiewicz D, Klimkiewicz J, Pyzlak M, Szewczyk G, Maslinska D*

P43: Histamine H<sub>4</sub> receptors in human placenta in diabetes-complicated pregnancy.

*Szewczyk G, Maslinska D, Szukiewicz D, Deregowski K, Smiertka W, Klimkiewicz J, Pyzlak M*

P44: Histamine increase the invasive potential of human melanoma cells

*Pocza P, Kovacs P, Pallinger E, Pocza K, Kohidai L, Falus A, Darvas Z*

P45: Endogenous and exogenous histamine affects on growth of mice mammary adenocarcinoma

*Hegyesi H, Molnár V, Fülöp KA, Falus A*

P46: Nitric oxide involvement in histamine-mediated PANC-1 cells growth

*Cricco GrP, Medina VA, Núñez MA, Mohamad NA, Gutiérrez AS, Sanbuco LA, Bergoc RM, Rivera ES, Martín GA*

P47: Differential modulation of the cellular stress response by histamine and the H<sub>1</sub>, H<sub>2</sub> receptor antagonists in eukaryotic cells

*Dellitheos V, Papamichael K, Tiligada E*

**12.00 - 13.30**

**The Art Hancock Young Investigator Award Symposium**

Chairpersons: *Prof Walter Schunack & Prof Pertti Panula*

12.00 - 12.15 O20: Oligomerization of the human histamine H<sub>4</sub> receptor

*van Rijn RM, Chazot PL, Shenton FC, van Marle A, Bakker RA, Leurs R*

12.15 - 12.30 O21: Homology modeling of the human histamine H<sub>4</sub> receptor and its application in structure-based drug design

*Kiss R, Jelinek I, Falus A, Noszál B*

12.30 - 12.45 O22: Characterization of 4-methylhistamine and VUF 8430 as selective histamine H<sub>4</sub>R agonists

*Lim HD, Guaita E, Bakker RA, Coruzzi G, Thurmond RL, Leurs R*

12.45 - 13.00 O23: Histaminergic system shapes network synchronization in the hippocampus and striatum in the behaving rat

*Ponomarenko AA, Unterbrink D, Li J-S, Korotkova TM, Haas HL*

13.00 - 13.15 O24: Enhanced CREB activity and adipogenic potential in histamine free embryonic fibroblasts

*Hegyi K, Falus A, Toth S*

- 13.15 - 13.30 O25: Excitation of aminergic neurons by histamine  
*Korotkova TM, Sergeeva OA, Ponomarenko AA, Haas HL*
- 13.30 - 14.30 Lunch
- 14.30 - 17.00 The Art Hancock Memorial Symposium**  
Chairpersons: *Dr Timothy A Esbenshade & Prof Helmut L Haas*
- 14.30 - 14.45 Art Hancock: the man, his achievements and his life at the EHRS  
*Timothy A Esbenshade*
- 14.45 - 15.00 O26: Biochemical and pharmacological evidence for homo- and heter-oligomeric human H<sub>3</sub> receptor isoforms: further evidence of dominant negative role for splice isoforms  
*Chazot PL, Shenton FC, van Rijn RM, Bakker RA, Leurs R*
- 15.00 - 15.15 O27: New signaling pathways for the histamine H<sub>3</sub> receptor  
*Bongers G, van Marle A, Navis M, Bakker RA, Leurs R*
- 15.15 - 15.30 O28: Histamine H<sub>3</sub> receptor expression is increased in the brains of transgenic mice over-expressing beta amyloid  
*Ning X, Liu D, Pong K, Pangalos M, Reinhart P, Hirst W*
- 15.30 - 15.45 O29: Different response to GABAA or H<sub>3</sub> antagonists suggest the existence of distinct subpopulations among histaminergic neurons  
*Giannoni P, Cenni G, Passani MB, Mannaioni PF, Medhurst AD, Blandina P*
- 15.45 - 16.00 O30: Cloning and expression of histamine H<sub>1</sub>, H<sub>2</sub> and H<sub>3</sub> receptors in zebrafish and effects of their ligands on behavior  
*Panula P, Peitsaro N, Sundvik M*
- 16.00 - 16.15 O31: A new family of histamine H<sub>3</sub> receptor antagonists based on a natural product: discovery, development of SAR, and properties of the series  
*Cowart M, Sun M, Zhao C, Witte DG, Miller TR, Krueger KM, Browman K, Fox GB, Esbenshade TA, Hancock AA*
- 16.15 - 16.30 O32: Histamine H<sub>3</sub> antagonists with serotonin reuptake transporter inhibitor activity  
*Letavic MA*
- 16.30 - 16.45 O33: Pharmacological classification of histamine H<sub>3</sub> receptor agents across species is attributable to TM3 sequence differences  
*Gibbs BF, Estvander BR, Miller TR, Baranowski JL, Sharma R, Hancock AA, Krueger KM*
- 16.45 - 17.00 O34: Fluorophore-tagged non-imidazole histamine H<sub>3</sub> receptor ligands with subnanomolar affinities  
*Amon M, Ligneau X, Schwartz JC, Stark H*
- 17.00 - 18.00 Coffee break
- 17.15 - 17.50 Poster session 7: Immunology**  
Chairpersons: *Dr Bernhard F Gibbs & Dr Elke Schneider*
- P48: *Whithdrawn*
- P49: Histamine H<sub>1</sub>, H<sub>2</sub> but not H<sub>4</sub> receptors are upregulated during bone marrow regeneration  
*Horváth Z, Pállinger E, Horváth G, Jelinek I, Falus A*
- P50: Unexpected action of histamine on dendritic cells under acidosis  
*Amaral MM, Davio C, Martínez D, Geffner J, Vermeulen M*
- P51: Tissue-related immune-endocrine interactions in experimental hyperthyroidism  
*Kakavas S, Zampeli E, Delitheos V, Tiligada E*
- P52: Histamine stimulates electrogenic ion transport in avian epithelia  
*Collins CB, Champion DP, McGrath J, Baird AW*
- P53: Peripheral but not central effects of allergic reaction are mediated by histamine  
*Gerencsér AS, Kovács KJ*

- P54: Study of adipogenesis in genetically histamine free (HDC KO) and wild type bone marrow derived mesenchymal stem cells  
Lux A, Skard I, Toth SP, Falus A

17.15 - 17.50

**Poster session 8: Receptors and other subjects**

 Chairpersons: *Prof Tatjana Irman Florjanc & Prof Emanuela Masini*

- P55: Internalization and resensitization mechanisms of the histamine type 2 receptor  
*Fernández N, Monczor F, Notcovich C, Baldi A, Davio C, Shayo C*
- P56: Strain specific differences in Oct4 expression of HDC KO and wild type ES cells  
Toth SP, Gocza E, Carstea BV, Falus A
- P57: Comparison of the *in vitro* and *in vivo* H<sub>2</sub>-H<sub>4</sub> receptor selectivity of 4-methylhistamine and VUF8430  
Adami M, Guaita E, Lim HD, Bakker RA, de Esch IJP, Leurs R, Coruzzi G
- P58: Porcine plasma amine oxidase has a broad substrate specificity and efficiently converts histamine  
Feurle J, Schwelberger HG
- P59: Influence of amitriptyline on central histamine-induced reversal of haemorrhagic shock in rats  
Jochem J, Irman-Florjanc T, Zwirski-Korczala K
- P60: Altered inflammatory gene expression in genetically H<sub>4</sub> histamine receptor deficient mice  
Fulop AK, Ribita D, Falus A
- P61: Involvement of the histaminergic system in the central cardiovascular regulation in haemorrhage-shocked rats with portocaval anastomosis; preliminary data  
Jochem J, Fogel AW, Maksymowicz M, Zwirski-Korczala K, Lewinski A

20.15 - 22.00

Dinner

**Saturday 13 May 2006**

08.30 - 13.00

Registration Desk Open

08.30 - 09.15

I3:

**Invited lecture**

Occupational asthma: diagnosis and management

Piero Maestrelli, Italy

 Introduced by *Prof Pier Francesco Mannaioni*

09.15 - 10.30

**The D Varonos Memorial Symposium**
**“Clinical implications – histamine and disease”**

 Chairpersons: *Prof Pier Francesco Mannaioni & Dr Catherine Tiligada*

 Sponsored by *GlaxoSmithKline (Greece)*

09.15 - 09.30

O35:

 The histamine H<sub>4</sub> receptor mediates allergic airway inflammation

Thurmond RL

09.30 - 09.45

O36:

 Distribution pattern of histamine H<sub>4</sub> receptor in human synovial tissue from patients with rheumatoid arthritis

*Jablonska M, Grzybowska-Kowalczyk A, Wojtecka-Lukasik E, Maslinska D,*
*Gujski M, Maslinski S*

09.45 - 10.00

O37:

Theophylline as “add-on” therapy to cetirizine in patients with chronic idiopathic urticaria: a randomized, double-blind, placebo-controlled pilot study

*Makris M, Kalogeromitros D, Kempuraj D, Katsarou-Katsari A, Grigoriou S,*
*Theoharides TC*

10.00 - 10.15

O38:

 Biphasic immunomodulating effect of cepharolsporin derivatives in man *in vitro* and *in vivo*
*Assem ESK, Ezeamuzie CI, Vickers MR*

10.15 - 10.30	O39: On the mechanism of antiphagocyte-antioxidative effect of H1-antihistamines <i>Nosal R, Drabikova K, Jancinova V, Pecivova J, Macickova T, Holomanova D</i>
10.30 - 11.00	Coffee break
<b>11.00 - 12.50</b>	<b>Oral session 5: Neuro-immuno-endocrine aspects of histamine</b> Chairpersons: <i>Prof Wilfried Lorenz &amp; Dr Robin Thurmond</i>
11.00 - 11.35	O40: Evidence of human mast cell function in inflammatory diseases <i>Theoharides TC, Cao J, Papadopoulou N, Kempuraj D, Tagen M</i>
11.35 - 11.50	O41: <i>Whithdrawn</i>
11.50 - 12.05	O42: Skin histidine decarboxylase (HDC) and corticotropin-releasing hormone receptor-1 (CRH-R1) genes are overexpressed in chronic urticaria (CU) <i>Kalogeromitros D, Papadopoulou N, Staurianes NG, Tiblalex D, Theoharides TC</i>
12.05 - 12.20	O43: Role of histamine in ghrelin-induced gastroprotection against acute gastric lesions <i>Konturek PC, Brzozowski T, Pajdo R, Konturek SJ, HahnEG, Raithel M</i>
12.20 - 12.35	O44: Gastric effects of the histamine H <sub>4</sub> receptor antagonists JNJ7777120 and VUF6002 <i>Coruzzi G, Adami M, Guaita E, de Esch IJP, Leurs R</i>
12.35 - 12.50	O45: G protein receptor kinases (GPKs) regulate histamine H <sub>2</sub> R desensitization in human leukemic cells <i>Fernández N, Monczor F, Tubio MR, Baldi A, Shayo C, Davio C</i>
13.00 - 14.00	Lunch
<b>14.00 - 16.30</b>	<b>The EUBREN Basophil network symposium</b> Chairpersons: <i>Dr Franco Falcone &amp; Prof Clemens Dahinden</i>
14.00 - 14.10	Introduction to EUBREN <i>Franco Falcone</i>
14.10 - 14.30	O46: Control of basophil functions through histamine and other biogenic amines <i>Schneider E, Machavoine F, Pléau J-M, Ohtsu H, Watanabe T, Schinkel AH, Dy M</i>
14.30 - 14.50	O47: <i>In vitro</i> and <i>in-vivo</i> stimulatory potential of bone marrow-derived mast cell on tumor growth <i>Hegyesi H, Darvas Z, Wiener Z, Molnár V, Pos Z, Falus A</i>
14.50 - 15.10	O48: Substantial differences in the kinetics of histamine release from human basophils caused by varying strengths of IgE-dependent activators <i>Gibbs BF, Råthling A, Zillikens D, Huber M, Haas H</i>
15.10 - 15.30	O49: The IL-4-inducing principle from <i>S. mansoni</i> eggs (IPSE) activates human basophils via a novel mechanism: "IgE receptor engagement without crosslinking" <i>Blindow S, Schramm G, Gronow A, Manske M, Galle J, Grevelding CG, Weimar T, Sutton BJ, Gibbs BF, Doenhoff MJ, Haas H</i>
15.30 - 15.50	O50: Accumulation and activation of basophils in allergic disease <i>Walls AF, Mochizuki A, McEuen AR</i>
15.50 - 16.10	O51: Old and novel mediators of Th2-type immune responses and allergy produced upon mast cell – basophil interactions <i>Dahinden CA, Spiegl N, Tschopp CM, Didichenko S</i>
16.10 - 16.30	O52: "British diet on a chip": A novel diagnostic tool for the detection of food allergy combining protein microarrays with human basophils <i>Lin J, Schramm G, Haas H, Falcone FH, Alcocer MJC</i>
16.30 - 17.00	Coffee break
16.30 - 17.00	Poster evaluation Committee





**17.15 - 19.00**      **General assembly**

20.30      Farewell Dinner

**Sunday 14 May 2006**

Check out, Departure