FRONTIERS IN IMMUNOLOGY RESEARCH

FRONTIERS IN IMMUNOLOGY RESEARCH NETWORK

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FRONTIERS IN IMMUNOLOGY RESEARCH
2012 INTERNATIONAL CONFERENCE

SALZBURG, AUSTRIA (July 1 – 4, 2012)
CROWNE PLAZA SALZBURG HOTEL – THE PITTER

SUBJECT CATEGORIES (scroll down)

SCHEDULE OF MEETINGS & ACTIVITIES (scroll down)

INSTRUCTIONS TO PROGRAM PARTICIPANTS (scroll down)

PRESENTATIONS, OBSERVERS, PROGRAM (scroll down)

SUBJECT CATEGORIES

- Allergy and immunopathology
- Antigen presentation
- Autoimmunity
- B cells
- Cellular immunology
- Cytokines, chemokines, inflammation
- Dendritic cells
- Diabetes
- Imaging at the molecular, cellular or animal level
- Immune responses to infectious diseases
- Immunogenetics and gene discovery
- Immunotherapy
- Innate immunity
- In silico modelling
- Knockout and knock-in studies
- Lymphocyte activation and homing
- Lymphocyte differentiation and migration
- Mechanisms of cell death
- Molecular immunology
- Mucosal immunology SIG
- NK cells
- NKT and T regulatory cells
- Plasmon resonance
- Protein crystallography
- Science communication - BD award session
- Signal transduction
- Stem cells
- T cell biology
- The immune response to viral infections
- The MHC and its interactions
- Tolerance
- Transplantation
- Tumour immunology
- Vaccine development
- Veterinary immunology SIG
Frontiers in immunology Research 2012 International Conference  
Salzburg, Austria, Crowne Plaza Hotel Salzburg – The Pitter, July 1-4

**SCHEDULE OF MEETINGS & ACTIVITIES (subject to change)**  *
*All excursions at extra cost*

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<tr>
<td>SATURDAY, JUNE 30, 2012</td>
<td>Pre-Conference Day-Long Excursion: Vienna</td>
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|                    | Registration: 5 PM – 7 PM  
|                    | Reception: 7 PM – 8 PM              |
| SUNDAY, JULY 1, 2012   | Registration: 8 AM – 4 PM  
|                    | Sessions: 9 AM – 4 PM              |
|                    | Half-Day Excursion (after sessions): Hellbrun & Surroundings |
| MONDAY, JULY 2, 2012   | Registration: 8 AM – 4 PM  
|                    | Sessions: 9 AM – 4 PM              |
|                    | Half-Day Excursion (after sessions): Lakes & Mountains |
| TUESDAY, JULY 3, 2012  | Registration: 8 AM – 2 PM  
|                    | Sessions: 9 AM – 2 PM              |
|                    | Half-Day Excursion (after sessions): Eagle’s Nest, Bavarian Mountains & Salt Mines |
| WEDNESDAY, JULY 4, 2012 | Registration: 8 AM – 2 PM  
|                    | Sessions: 9 AM – 2 PM              |
|                    | Half-Day Excursion (after sessions): Ice Caves & Surroundings |
| THURSDAY, JULY 5, 2012  | Post-Conference Day-long excursion: Neuschwanstein Castle & Garmisch |
INSTRUCTIONS TO PROGRAM PARTICIPANTS

(a) ORAL PRESENTATIONS:

**Session Time Allocations**: Some sessions are 90 minutes long with three presenters; other sessions are 120 minutes long with four presenters; several are 45 minutes long with featured presenters. Each Presenter should take no more than 25 minutes (when three or four presenters) and no more than 40 minutes (when feature presenter); any remaining time should be devoted to questions from the audience.

**Session Moderators**: Assume overall responsibility for your session. Make an effort to contact the session participants before the meeting. Inform them that each presentation room will be equipped with flipchart and power point capability. Ask them if they have any special needs relating to their presentation and, in collaboration with the registration desk, try to satisfy those needs. Arrive at the session room 10 minutes in advance and make sure that it is in order and properly equipped. Welcome and introduce the participants. Start the session on time and adhere to the time schedule. Moderate the open discussion to the best of your ability.

**Presenters**: Stay within the allotted time of 25 (or 40) minutes even though it may not be enough! Be well prepared. Please do not just read your paper. Your presentation of main points, methods, and conclusions should lead to a fruitful discussion during and after the session. *Bring with you and make available five or more copies of your manuscript.* Every presentation room will be equipped with screens, flipcharts and power point capability (computer and projector). For Power Point presentations, please feel free to bring your own equipment and all necessary cables and transformers required by standards in Austria. *If the session's moderator is absent, the last presenter listed should take on the role of the moderator.*

(b) POSTER PRESENTATIONS:

- Displays and presentations have been scheduled to take place daily from 12:45 AM to 1:45 PM Please search in the Program to find out when you present and be prepared to display prior to your presentation. After your presentation, please remove all materials that relate to your poster.
- Posters should be prepared on heavy paper (preferably laminated), plastic, foam or other that can readily be displayed and not exceed 3ft x 4ft (36 x 48 inches). Please note that FIRN would not provide any construction materials for, or electricity to, the posters.
- Posters should easily read from 2-3 feet away. Text should be limited to the core ideas and presented in a font size that allows one to read it with ease. Experienced poster presenters suggest 3-6 graphics to mix in with your text to make the posters more engaging. *Bring with you and make available five or more copies of your abstract and/or manuscript.*
PROGRAM

Saturday, June 30, 2012
Pre-Conference Day-Long Excursion (subject to minimum quota)
Vienna
9 AM (Hotel) – 7 PM (Hotel)
Price per Person: € 170 with meal

Saturday, June 30, 2012
Registration: 5:30 PM – 7:30 PM
Reception: 8 PM – 9 PM
MODERATOR:

Arthur A. Vandenbark
Veterans Affairs Medical Center and
Oregon Health & Science University
Portland, Oregon, USA

Novel therapies for immune tolerance: Back to the Future!

David W. Scott

Department of Medicine
Uniformed Services University, Bethesda, MD, USA

Isolation of Different Viruses from Diarrhoeal and Non-Diarrhoeal Stool Samples at Our Centre at Karachi, Pakistan

*Mughis Uddin Ahmed and **Shin Isomura

*Ex.Professor of Pathology Karachi Medical & Dental College and Abbasi Shaheed Hospital, Karachi-Pakistan.
Now Consultant & Section Head of Serology & Microbiology King Abdulaziz Hospital Al-Ahsa, Saudi Arabia
**Professor of Paeds. Nagoya University, Nagoya Japan.

Exploring the frequency and repertoire of naive antigen-specific T cell precursors in newborns

Michelle A. Neller, Kristin Ladell, James E. McLaren, Katherine K. Matthews, Emma Gostick, Johanne M. Pentier, Garry Dolton, Andrea J.A. Schauenburg, Rajiv Khanna, Mathew Clement,
David K. Cole, Linda Wooldridge, Andrew K. Sewell,
Scott R. Burrows, David A. Price and John J. Miles

Australian Centre for Vaccine Development, Human Immunity Laboratory, Queensland Institute of Medical Research, Brisbane, Australia, 4029

Coffee Break: 10:30 AM – 11 AM
Sunday, July 1, 2012, 11 AM – 11:45 AM
Session [2], Room: Schloss Saal

MODERATOR:

Yuri Sykulev
Thomas Jefferson University, Philadelphia, USA

FEATURED TALK

The T cell immune response to Epstein-Barr virus

Scott R. Burrows¹, M.A. Neller¹, M.J. Bell¹, R.M. Brennan¹, A. Welland², N.P. Croft³, J.M. Burrows¹, S. Gras², A.W. Purcell³, J.J. Miles¹, J. Rossjohn²

¹Australian Centre for Vaccine Development, Queensland Institute of Medical Research, Brisbane, Australia;
²The Protein Crystallography Unit, Monash University, Melbourne, Australia;
³Department of Biochemistry and Molecular Biology, The Bio21 Molecular Science and Biotechnology Institute, University of Melbourne, Victoria, Australia

Light Lunch (included in registration fee): 11:45 AM – 12:45 PM
POSTERS

Application of Nuclex for immunorehabilitation HIV-infected patients

Tkachuk Z.Y. 1, Dykiy B.M 2, Hryzhak I.G. 2, Tkachuk L.V., 1 Ostyak R.S. 2

1Institute of Molecular Biology and Genetics of NASU, 150, Zabolotnogo Str., Kyiv - 143, Ukraine, 03680
2Ivano-Frankivsk National Medical University, Kryva str. 4a, 3, Ivano-Frankivsk, Ukraine, 76001

Specificity of antibodies elicited against a mutant recombinant hCGβ-protein conjugated to different carrier molecules

Chikadze N. 1, Gachechiladze N. 1, Mitskevichi N. 1, Delves PJ. 2, Porakishvili N. 1,3

Division of Immunology and Microbiology Javakhishvili Tbilisi State University, Georgia 1
University College London, UK 2
School of Life Sciences, University of Westminster, London, UK 3

The human inducible WT1-specific Regulatory T cells mediate their suppressive effect via Interleukin-35 production

1Cynthia Lehe, 2Hazem Ghebeh, 3Mahmoud Aljurf, 1Said Dermime

1Immunology & Innovative Cell Therapy Unit, Department of Biomedical Research, Dasman Diabetes Institute, Dasman, Kuwait;
2Tumor Immunology Section,
3Adult Hematology/Oncology, King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia
The development of autoimmunization due to defective elimination pathways of potentially immunogenic components

Borros Arneth

Institute of Clinical Chemistry and Laboratory Medicine, TU- Dresden, Dresden, Germany

The mitochondrial citrate carrier: a new player in inflammation

V. Infantino 1, P. Convertini 2, A. Menga 2, F. Palmieri 2, V. Iacobazzi 2

1Department of Chemistry, Laboratory of Cellular Biochemistry, University of Basilicata, Potenza, Italia
2Department of Pharmaco-Biology, Laboratory of Biochemistry and Molecular Biology, University of Bari, Bari, Italia
E6201, a Novel Kinase Inhibitor on MEK1 and MEKK1, suppressed Th2 responses on cutaneous inflammatory responses by topical administration

Kenzo Muramoto, Katsuhiro Moriya, Yoshiko Matsumoto, Hiroshi Shirota, Masaki Goto

Eisai Co., Ltd. Tsukuba research laboratories
Tokodai 5-1-3, Tsukuba-shi, Ibaraki 300-2635 Japan

Minicircle DNA is superior to plasmid DNA in eliciting antigen-specific CD8+ T cell responses

Nicole E B Skinner¹, Wynette M Dietz¹, Sara E Hamilton¹, Michelle D Jund¹, Suzanne Heitfeld¹, Adam J Litterman², Patrick Hwu³, Zhi-Ying Chen⁴, Andres M. Salazar⁵, John R Ohlfest², Bruce R Blazar², Christopher A Pennell¹ and Mark J Osborn²

Department of Laboratory Medicine and Pathology
Center for Immunology and Masonic Center
University of Minnesota School of Medicine
Minneapolis, Minnesota, USA

Cellular basis of immune response against experimental Francisellae tularensis strain LVS infection of mice.

Krocova Z.

University of Defence, Faculty of Military Health Sciences
Hradec Kralove, Czech Republic

Orally induced tolerance to caseins and whey proteins in mice with cow milk allergy

Umesh Kr. Shandilya, Rajeev Kapila, Suman Kapila and Vandana Panwar

Animal Biochemistry Division
National Dairy Research Institute Karnal, Haryana, India
Sunday, July 1, 2012
Half-Day Excursion (subject to minimum quota)
**Hellbrun & Surroundings**
4 PM (Hotel) – 8 PM (Hotel)
Price per Person: € 70 (with meal)
Monday, July 2, 2012, 9 AM – 10:30 AM
Session [5], Room: Schloss Saal

MODERATOR:

David K. Cole
Cardiff University School of Medicine
Heath Park, Cardiff, CF14 4XN, UK

A Novel CD74-Dependent Therapy for Inflammatory CNS Diseases

Arthur A. Vandenbark
Veterans Affairs Medical Center and
Oregon Health & Science University
Portland, Oregon, USA

Regulation of Conventional Dendritic Cells Development: Unmasking a Novel Role for the Tumor Suppressor p15Ink4b in Immunity

Joanna Fares¹, ², Richard Koller¹, Rita Humeniuk¹, Linda Wolff¹, Juraj Bies¹

¹ Laboratory of Cellular Oncology, National Cancer Institute,
National Institutes of Health, Bethesda, MD 20892, USA,
² Department of Biochemistry, Molecular and Cellular Biology,
Georgetown University Medical Center, Washington DC 20007, USA

Ficolin 1 gene polymorphisms and clinical leprosy in patients from South Brazil

Boldt, ABW¹; Sanchez, MIN¹; Stahlke, ERS²; Steffensen, R³; Thiel, S⁴;
Jensenius, JC⁴; Prevedello, FC⁵; Mira, MT⁵; Kun, JFJ⁶; Messias-Reason, IJT¹.

¹ Clinical Hospital - HC / Universidade Federal do Paraná - UFPR, Curitiba, Brazil.
  2 Departamento Estadual de Saúde do Paraná, Curitiba, BR.
  3 Department of Clinical Immunology, Aalborg Hospital, Aalborg, DK.
  4 Department of Medical Microbiology and Immunology, Aarhus University, Arhus C, DK.
  5 Núcleo de Investigação Molecular Avançada, Pontifícia Universidade Católica do Paraná, Curitiba, BR.
  6 Institute of Tropical Medicine, University of Tübingen, Tübingen, DE

Coffee Break: 10:30 AM – 11 AM
Session [6], Room: Schloss Saal

MODERATOR:

Jacek Hawiger
Vanderbilt University, Nashville, Tennessee, USA

FEATURED TALK

On the Mechanism of efficient Delivery of a Poison Pill by CTL: implication for success or failure of anti-virus immunity

Yuri Sykulev
Department of Microbiology and Immunology and Kimmel Cancer Center
Thomas Jefferson University
Philadelphia, USA

Light Lunch (included in registration fee): 11:45 AM – 12:45 PM
Monday, July 2, 2012, 12:45 PM – 1:45 AM
Session [7], Room: Lobby by Conference Registration Desk

POSTERS

**Efficiency of Nuclex in the treatment of the patients with chronic viral hepatitis C**

1Tkachuk Z.Y., 2Sotska Y.A., 2Frolov V.M., 2Kruglova O.V.

1Institute of Molecular Biology and Genetics of NASU, 150, Zabolotnogo Str., Kyiv - 143, Ukraine, 03680,
2Lugansk State Medical University, 1g, 50-r Oborony Luganska, Lugansk -045, Ukraine, 91045

**Immature granulocytes and high-fluorescing lymphocytes as early markers of sepsis in intensive care-requiring patients**

Borros Arneth1, Kathleen Hommel1,2, Maximilian Ragaller2, and Gabriele Siegert1

1 Institute of Clinical Chemistry and Laboratory Medicine, TU Dresden, Dresden, Germany
2 Clinic of Anaesthesia and Intensive Care Medicine, CG Carus University Hospital, University of Dresden, Dresden, Germany

**Liposome-encapsulated CpG oligodeoxynucleotides as a potent mucosal vaccine for intranasal immunization**

Ping-Lun Jiang1, Hsiao-Wen Wang2, Wen-Yu Tšai3, Yun-An Chen3, Hung-Jun Lin3, Shen-Fu Lin3, Mei-Yin Chien3,4 and Der-Zen Liu3

1 Graduate Institute of Biomedical Engineering, College of Engineering, College of Medicine, National Taiwan University, Taipei, Taiwan
2 School of Pharmacy, College of Medicine, National Taiwan University, Taipei, Taiwan
3 Graduate Institute of Biomedical Materials and Tissue Engineering, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan
4 Ko Da Pharmaceutical Co., Ltd, Tao-Yuan, Taiwan
Session 7 (continued)

IFN-γ production from cord blood NK cells by various Toll-like receptor ligands

**Toshiro Hara**, FM Eljaafari, Hidetoshi Takada

1Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, 3-1-1, Maidashi, Higashi-ku, Fukuoka, 812-8582, Japan

Clinical features of patients with susceptibility to mycobacterial diseases in Japan

**Toshiro Hara**, Takayuki Hoshina, Hidetoshi Takada, Koichi Ohshima, Osamu Ohara

1Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, 3-1-1, Maidashi, Higashi-ku, Fukuoka, 812-8582, Japan.
2Laboratory for Immunogenomics, RIKEN Research Center for Allergy and Immunology, Yokohama, Japan,
3Department of Human Genome Technology, Kazusa DNA Research Institute, Chiba, Japan

Changes in Activation Status of Dendritic Cell and Cytokine Profile in Type 2 Diabetes Mellitus with Poor Glycemic Control

**Soongsathitanon, J.**, Sriwijitkamol, A., Thongboonkerd, V.

1 Department of Immunology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand, Email: <sijrt@mahidol.ac.th>.
2 Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand.
3 Medical Proteomics Unit, Office for Research and Development, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
Monday, July 2, 2012, 2 PM – 4 PM
Session [8], Room: Schloss Saal

MODERATOR:

Juraj Bies
Laboratory of Cellular Oncology, National Cancer Institute,
National Institutes of Health, Bethesda, MD 20892, USA

Association of MASP2 haplotypes with the susceptibility to leprosy in South Brazil.

-Boldt, ABW¹; Stahlke, ERS²; Steffensen, R³;
-Thiel, S⁴; Jensenius, JC⁴; Messias-Reason, IJT¹.

1 Hospital de Clínicas, Federal University of Paraná, Curitiba, Brazil.
2 Departamento Estadual de Saúde do Paraná, Curitiba, BR.
3 Department of Clinical Immunology, Aalborg Hospital, Aalborg, DK.
4 Department of Medical Microbiology and Immunology, Aarhus University, Arhus C, DK

Dissecting TLR crosstalk through combinatorial PAMP stimulation

Tan Suet Ting Rebecca¹ and Ding Jeak Ling²

¹ Department of Biological Sciences
National University of Singapore
² NUS Graduate School for Integrative Sciences and Engineers

The legacy of HIV epidemic in Pakistan: next stop, Children

Muhammad A. Raees¹, Syed H. Abidi¹,
Muhammad R. Khanani²,³, Wajid Ali³, Syed Ali¹,²

¹Department of Biological and Biomedical Sciences,
Aga Khan University, Karachi, Pakistan
²Dow University of Health Sciences, Karachi, Pakistan
³Infection Control Society Pakistan, Karachi, Pakistan

Population-specific evolution of HIV Gag epitopes in Kenyan and Pakistani cohorts

Syed H. Abidi, Farhat Abbas, Syed Ali

Department of Biological and Biomedical Sciences
Aga Khan University, Karachi, Pakistan
Monday, July 2, 2012
Half-Day Excursion (subject to minimum quota)
Lakes & Mountains
4 PM (Hotel) – 8 PM (Hotel)
Price per Person: € 75 (with meal)
MODERATOR:

Borros Arneth
Institute of Clinical Chemistry and Laboratory Medicine,
TU- Dresden, Dresden, Germany

Endotoxin Tolerance Alters LPS-inducible Recruitment of Lyn to TLR4,
Protein Tyrosine Phosphatase Activity and Induction of Pellino-1

Yanbao Xiong, Chang Song, Larry M. Wahl, and Andrei E. Medvedev

1Department of Microbiology and Immunology and 2Medicine,
University of Maryland School of Medicine,
Baltimore, Maryland, and 3NIDCR/NIH, Bethesda, Maryland, USA

Recombinant T Cell Receptor Ligands improve outcome
after experimental cerebral ischemia

Halina Offner

Neuroimmunology Research, Portland VA Medical Center
Department of Neurology, Department of Anesthesiology and Peri-Operative Medicine
Oregon Health & Science University,
Portland, OR, USA

Mesenchymal Stromal Cells from Amniotic Membrane:
immunomodulatory potential for a clinical perspective

Cargnoni Anna, Magatti Marta, Rossi Daniele,
Pianta Stefano, Ornella Parolini

Centro di Ricerca E.Menni,
Fondazione Poliambulanza, Brescia, Italy

Coffee Break: 10:30 AM – 11 AM
MODERATOR:

Ray Wilkinson
Medical School, University of Queensland
Brisbane, Australia

FEATURED TALK

Emerging Therapies for Inflammation and Autoimmunity

Jacek Hawiger (*), Yan Liu, Amy Major, Ruth Ann Veach, Daniel Moore, Jozef Zienkiewicz, Huan Qiao, Lukasz Wylezinski, and Robert D. Collins

Vanderbilt Immunotherapy Program, Departments of Medicine, Molecular Physiology and Biophysics, Pathology, Microbiology and Immunology, and Pediatrics, Vanderbilt University, Nashville, Tennessee, USA

(*) Distinguished Professor of Medicine and Louise B. McGavock Chair in Medicine, Division of Allergy, Pulmonary and Critical Care Medicine, Department of Medicine, Professor of Physiology and Molecular Biophysics, Vanderbilt University School of Medicine, TN USA

Light Lunch (included in registration fee): 11:45 AM – 12:45 PM
Lack of association between Transforming Growth Factor Beta Gene 1 (TGB1) polymorphisms, and the genesis and progression of breast cancer (BC)

Enilze MSF Ribeiro, Savana CL Santos, Iglenir João Cavalli, Maria da Graça Bicalho

Genetics Department, Federal University of Parana, Curitiba, Paraná, Brazil

Interaction between TLR ligated adipose tissue derived mesenchymal stem cells with monocytic cells augmented expression of IL-6, IL-8 and TNF-α

Nadia Zghoul, Rasheed Ahmad, Anfal Almas, Nada Mohammed, Said Dermime

Immunology and Innovative Cell Therapy Unit, Department of Biomedical Research, Dasman Diabetes Institute, Kuwait

Myricetin and Fisetin inhibit the effect of lipopolysaccharide obtained from Porphyromonas gingivalis on human gingival fibroblasts

Anabel Contreras-Sánchez, Gloria Gutiérrez-Venegas

Laboratorio de Bioquímica, División de Estudios de Posgrado e Investigación, Facultad de Odontología Universidad Nacional Autónoma de México Distrito Federal, México

Crystal structure of an anti collagen immune complex

Ingrid Lindh

KAROLINSKA INSTITUTE
Medical Inflammation Research
Department of Biochemistry and Biophysics
Scheeleväg 2 B2 level 4
SE-171 77 Stockholm, Sweden
Regulation of the intestinal immune response by the hyphophysis during *Trichinella spiralis* infection in the golden hamster

Karen Nava –Castro¹, Rosalía Hernández-Cervantes¹, Andrés Quintanar-Stephano², Norma Moreno-Méndez³, Lorena López-Griego¹, Valeria López-Salazar¹, Romel Hernández-Bello¹, Julio César Carrero¹ and Jorge Morales-Montor¹∗

¹Departamento de Inmunología, Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, AP 70228, México D.F., 04510, México
²Departamento de Fisiología y Farmacología, Centro de Ciencias Básicas, Universidad Autónoma de Aguascalientes, Aguascalientes, México
³Departamento de Biología Celular, Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, AP 70228, México D.F., 04510, México
Tuesday, July 3, 2012
Half-Day Excursion (subject to minimum quota)
Eagle’s Nest, Bavarian Mountains & Salt Mines
2 PM (Hotel) – 8 PM (Hotel)
Price per Person: € 125 (with meal)
**Wednesday, July 4, 2012, 9 AM – 10:30 AM**

**Session [12], Room: Schloss Saal**

**MODERATOR:**

**John J. Miles**
Australian Centre for Vaccine Development
Human Immunity Laboratory, Queensland Institute of Medical Research
Brisbane, Australia, 4029

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**Structural basis of human beta-cell killing by CD8+ T cells in Type 1 diabetes (i)**

David K. Cole1*, Anna M. Bulek1*, Ania Skowera2,3*, Garry Dolton1, Stephanie Gras4, Florian Madura1, Anna Fuller1, John J. Miles1, Emma Gostick1, David A. Price1, Jan W. Drijfhout6, Robin R. Knight2, Guo C. Huang7, Nikolai Lissin5, Peter E. Molloy5, Linda Wooldridge4, Bent K. Jakobsen5, Jamie Rossjohn1,4, Mark Peakman2,5*, Pierre J. Rizkallah1* and Andrew K. Sewell1*

1Cardiff University School of Medicine, Heath Park, Cardiff, CF14 4XN, UK; 2Department of Immunobiology, King’s College London, London, UK; 3NIHR Biomedical Research Centre at Guy’s & St Thomas’ NHS Foundation Trust and King’s College London, London, UK; 4The Protein Crystallography Unit, Department of Biochemistry and Molecular Biology, School of Biomedical Sciences, Monash University, Clayton, Victoria 3800, Australia; 5Immunocore Ltd., 57c Milton Park, Abingdon, UK; 6Department of Immunohematology and Blood Transfusion, Leiden University Medical Centre, Leiden, Netherlands. 7Diabetes and Nutritional Science King’s College London, London, UK.

(i) This study has been recently published in Nature Immunology (*Nature Immunology* 2012 Jan 15;13(3):283-9) and was featured in the News and Views section of the same issue. Furthermore, it was voted in the top 2% of all biomedical publications in FS1000 and has generated broad media interest (TV, radio and internet)

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**Prognostic value of FOX:P3 and TGF-β expression in both peripheral blood and lymphnodes in patients with B-Non Hodgkin’s lymphoma**

Laila H. El-Sayed1, Hossam M. Ghoneim.1, Abdel Rahman M.A.,
Bassma M1 and Yasser M. El-Kerm.2

Departments of immunology1, and Clinical oncology,2
Medical Research Institute, Alexandria University
Army Academic of Science, Hematology Unit, Egypt

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**In vivo and in vitro evidence of the effect of Erbitux® on drug substrates of ABCB1**

C Chuab, C Abbarta, M S Noël-Hudsonc, J Bénardc, R Farinottib, L Bonhomme-Faivrebab

aLaboratory of Pharmacology, Hôpital Paul Brousse AP-HP,
14 avenue Paul Vaillant-Couturier, 94800 Villejuif, France ;
bUPRES EA 4123, Faculté de Pharmacie, Université Paris Sud XI,
5, rue Jean-Baptiste Clément 92296 Chatenay-Malabry cedex, France

cMolecular Interaction and Cancer CNRS-UMR 8126, IFR54, Institut Gustave Roussy,
39, rue Camille Desmoulins, 94800 Villejuif, France

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**Coffee Break: 10:30 AM – 11 AM**
Wednesday, July 4, 2012, 11 AM – 11:45 AM  
Session [13], Room: Schloss Saal

**MODERATOR:**

Scott R. Burrows  
Australian Centre for Vaccine Development, Queensland Institute of Medical Research, Brisbane, Australia

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**FEATURED TALK**

Primary human proximal tubular epithelial cells (PTEC) of the kidney down-modulate autologous immune responses.

Ray Wilkinson$^{1,2,3,4}$, Andrew Kassianos$^{1,2}$, Xiangju Wang$^{1,2}$, Sandeep Sampangi$^{1,2}$ and Helen Healy$^{1,2}$.

$^1$Conjoint Renal Laboratory, Pathology Queensland,  
$^2$Department of Renal Medicine, Royal Brisbane and Women’s Hospital, Brisbane, Australia,  
$^3$Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, Australia and $^4$Medical School, University of Queensland, Brisbane, Australia

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Light Lunch (included in registration fee): 11:45 AM – 12:45 PM
Preexisting cross-reactive antibodies to avian influenza H5N1 and 2009 pandemic H1N1 in non-exposed US military personnel

S. Pichyangkul¹, D. L. Saunders¹, A. Jongkaewwattana², A. Thitithanyanont³, S. Wiboon-ut³, J. Kramyu⁴, K. Yongvanitchit¹, A. Limsalakpetch¹, U. Kum-Arb¹, D. Mongkolsirichaikul¹, N. Khemnu¹, A. Timmermans¹, R. G. Jarman¹, J-M Garcia⁴, M. Peiris⁴, R. Mahanonda⁵, C. J. Mason¹, and D. S. Walsh¹

¹ USAMC-AFRIMS, Thailand, ²BIOTEC, Thailand, ³Mahidol University, Thailand, ⁴HKU-Pasteur, Hong Kong, ⁵Chulalongkorn University, Thailand

Mechanism of action and antineoplastic effect of the cupper coordination compound [Cu (5,6-dimetil-1,10 fenantrolina)(acetonato)] NO₃H₂O on Squamous Cell Carcinoma in vitro.

Georgina Chávez-Cortéz, Cristina Trejo-Solís, Dolores Jiménez-Farfan

Laboratorio de Inmunología, División de Estudios de Posgrado e Investigación, Facultad de Odontología
Universidad Nacional Autónoma de México, Distrito Federal, México

Autoantibodies to collagen type II in collagen induced arthritis

Ingrid Lindh

KAROLINSKA INSTITUTE
Medical Inflammation Research
Department of Biochemistry and Biophysics
Scheeles väg 2 B2 level 4
SE-171 77 Stockholm, Sweden

Modulation of FOXP3 Expression by PPARγ ligands in natural T-regulatory Cells

Nor Effa S.Z¹, Yaacob N.S², Norazmi M.N¹

¹Molecular Biology Lab, School of Health Sciences, Universiti Sains Malaysia, Malaysia; ²Department of Chemical Pathology, School of Medicine, Universiti Sains Malaysia, Malaysia
Session 14 (continued)

Altered expression of cytokines and sex steroid receptors in the reproductive tract of cysticercotic male mice
Karen Nava-Castro¹, Lorena López-Griego¹ and Jorge Morales-Montor¹*.

¹Departamento de Inmunología, Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, AP 70228, México D.F. 04510, México

T-cell CD38 expression in B-chronic lymphocytic leukemia

Nashwa Khayrat Abousamra¹*, Manal Salah EL-Din², Emad Azmy³

¹Department of Clinical Pathology, Hematology Unit, Faculty of Medicine, Mansoura University, Egypt.
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³Department of Clinical Hematology, Faculty of Medicine, Mansoura University, Egypt.
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Wednesday, July 4, 2012
Half-Day Excursion (subject to minimum quota)
*Ice Caves & Surroundings*
2:30 PM (Hotel) – 8 PM (Hotel)
Price per Person: € 65
Thursday, July 5, 2012
Post-Conference Day-Long Excursion (subject to minimum quota)
Neuschwanstein Castle & Garmisch (Germany)
8 AM (Hotel) – 8 PM (Hotel)
Price per Person: € 162 with meal
The End!

See you next year in beautiful *Monte Carlo, Monaco*!
(July 1-4, 2013, Novotel Hotel)