



## FRONTIERS IN IMMUNOLOGY RESEARCH NETWORK

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**FRONTIERS IN IMMUNOLOGY RESEARCH  
2012 INTERNATIONAL CONFERENCE**  
< <http://www.firnweb.com/FIRNCall2012.pdf> >

**SALZBURG, AUSTRIA (July 1 – 4, 2012)**  
**CROWNE PLAZA SALZBURG HOTEL – THE PITTLER**  
<<http://www.crowneplaza.com/h/d/cp/1/en/hotel/szgcprpb=hotel&crUrl=/h/d/cp/1/en/mapsearchresults>>

**[SUBJECT CATEGORIES \(scroll down\)](#)**

**[SCHEDULE OF MEETINGS & ACTIVITIES \(scroll down\)](#)**

**[INSTRUCTIONS TO PROGRAM PARTICIPANTS \(scroll down\)](#)**

**[PRESENTATIONS, OBSERVERS, PROGRAM \(scroll down\)](#)**

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### **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**

**SATURDAY, JUNE 30, 2012**

**Pre-Conference Day-Long Excursion: Vienna**

**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.*
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## **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**

**Sunday, July 1, 2012, 9 AM – 10:30 AM**  
**Session [1], Room: Schloss Saal**

**MODERATOR:**

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

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**Novel therapies for immune tolerance: Back to the Future!**

**David W. Scott**

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

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**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.

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**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

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**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

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**FEATURED TALK**

**The T cell immune response to Epstein-Barr virus**

**Scott R. Burrows<sup>1</sup>**, M.A. Neller<sup>1</sup>, M.J. Bell<sup>1</sup>, R.M. Brennan<sup>1</sup>, A. Welland<sup>2</sup>, N.P. Croft<sup>3</sup>,  
J.M. Burrows<sup>1</sup>, S. Gras<sup>2</sup>, A.W. Purcell<sup>3</sup>, J.J. Miles<sup>1</sup>, J. Rossjohn<sup>2</sup>

<sup>1</sup>Australian Centre for Vaccine Development, Queensland Institute of  
Medical Research, Brisbane, Australia;

<sup>2</sup>The Protein Crystallography Unit, Monash University, Melbourne, Australia;

<sup>3</sup>Department of Biochemistry and Molecular Biology, The Bio21 Molecular  
Science and Biotechnology Institute, University of Melbourne, Victoria, Australia

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

Sunday, July 1, 2012, 12:45 PM – 1:45 PM  
Session [3], Room: Lobby by Conference Registration Desk

POSTERS

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**Application of Nuclex for immunorehabilitation HIV-infected patients**

**Tkachuk Z.Y.**<sup>1</sup>, Dykiy B.M.<sup>2</sup>, Hryzhak I.G.<sup>2</sup>, Tkachuk L.V.,<sup>1</sup> Ostyak R.S.<sup>2</sup>

<sup>1</sup>Institute of Molecular Biology and Genetics of NASU, 150,  
Zabolotnogo Str., Kyiv - 143, Ukraine, 03680

<sup>2</sup>Ivano-Frankivsk National Medical University, Kryva str. 4a, 3, Ivano-Frankivsk, Ukraine, 76001

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**Specificity of antibodies elicited against a mutant recombinant hCG $\beta$ -protein conjugated to different carrier molecules**

Chikadze N.<sup>1</sup>, **Gachechiladze N.**<sup>1</sup>, Mitskevichi N.<sup>1</sup>, Delves P.J.<sup>2</sup>, Porakishvili N.<sup>1,3</sup>

Division of Immunology and Microbiology Javakhishvili Tbilisi State University, Georgia<sup>1</sup>  
University College London, UK<sup>2</sup>

School of Life Sciences, University of Westminster, London, UK<sup>3</sup>

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

<sup>1</sup>**Cynthia Lehe**, <sup>2</sup>Hazem Ghebeh, <sup>3</sup>Mahmoud Aljurf, <sup>1</sup>Said Dermime

<sup>1</sup>Immunology & Innovative Cell Therapy Unit, Department of Biomedical Research,  
Dasman Diabetes Institute, Dasman, Kuwait;

<sup>2</sup>Tumor Immunology Section,

<sup>3</sup>Adult Hematology/Oncology, King Faisal Specialist Hospital &  
Research Centre, Riyadh, Saudi Arabia

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Session 3 (continued)

**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

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**The mitochondrial citrate carrier: a new player in inflammation**

**V. Infantino**<sup>1</sup>, P. Convertini<sup>2</sup>, A. Menga<sup>2</sup>, F. Palmieri<sup>2</sup>, V. Iacobazzi<sup>2</sup>

<sup>1</sup>Department of Chemistry, Laboratory of Cellular Biochemistry,  
University of Basilicata, Potenza, Italia

<sup>2</sup>Department of Pharmaco-Biology, Laboratory of Biochemistry and Molecular  
Biology, University of Bari, Bari, Italia

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**Sunday, July 1, 2012, 2 PM – 4 PM**  
**Session [4], Room: Schloss Saal**

**MODERATOR:**

**Mughis Uddin Ahmed**  
Consultant & Section Head of Serology & Microbiology  
King Abdulaziz Hospital Al-Ahsa, Saudi Arabia

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**E6201, a Novel Kinase Inhibitor on MEK1 and MEKK1, suppressed Th2 responses on cutaneous inflammatory responses by topical administration**

**Kenzo Muramoto**, Katsuhiko Moriya,  
Yoshiko Matsumoto, Hiroshi Shirota, Masaki Goto

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

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

**Nicole E B Skinner**<sup>1</sup>, Wynette M Dietz<sup>1</sup>, Sara E Hamilton<sup>1</sup>, Michelle D Jund<sup>1</sup>, Suzanne Heitfeld<sup>1</sup>, Adam J Litterman<sup>2</sup>, Patrick Hwu<sup>3</sup>, Zhi-Ying Chen<sup>4</sup>, Andres M. Salazar<sup>5</sup>, John R Ohlfest<sup>2</sup>, Bruce R Blazar<sup>2</sup>, Christopher A Pennell<sup>1</sup> and Mark J Osborn<sup>2</sup>

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

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

**Krocova Z.**

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

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**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

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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

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**A Novel CD74-Dependent Therapy for Inflammatory CNS Diseases**

**Arthur A. Vandenbark**

Veterans Affairs Medical Center and  
Oregon Health & Science University  
Portland, Oregon, USA

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

Joanna Fares<sup>1, 2</sup>, Richard Koller<sup>1</sup>, Rita Humeniuk<sup>1</sup>, Linda Wolff<sup>1</sup>, **Juraj Bies<sup>1</sup>**

<sup>1</sup> Laboratory of Cellular Oncology, National Cancer Institute,  
National Institutes of Health, Bethesda, MD 20892, USA,

<sup>2</sup> Department of Biochemistry, Molecular and Cellular Biology,  
Georgetown University Medical Center, Washington DC 20007, USA

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

Boldt, ABW<sup>1</sup>; Sanchez, MIN<sup>1</sup>; Stahlke, ERS<sup>2</sup>; Steffensen, R<sup>3</sup>; Thiel, S<sup>4</sup>;  
Jensenius, JC<sup>4</sup>; Prevedello, FC<sup>5</sup>; Mira, MT<sup>5</sup>; Kun, JFJ<sup>6</sup>; **Messias-Reason, IJT<sup>1</sup>**.

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, Aarhus 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

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**Coffee Break: 10:30 AM – 11 AM**

**Monday, July 2, 2012, 11 AM – 11:45 AM**  
**Session [6], Room: Schloss Saal**

**MODERATOR:**

**Jacek Hawiger**  
Vanderbilt University, Nashville, Tennessee, USA

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**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

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**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

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

<sup>1</sup>Tkachuk Z.Y., <sup>2</sup>Sotska Y.A., <sup>2</sup>Frolov V.M., <sup>2</sup>Kruglova O.V.

<sup>1</sup>Institute of Molecular Biology and Genetics of NASU, 150,  
Zabolotnogo Str., Kyiv - 143, Ukraine, 03680,

<sup>2</sup>Lugansk State Medical University, 1g,  
50-r Oborony Luganska, Lugansk -045, Ukraine, 91045

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

**Borros Arneth**<sup>1</sup>, Kathleen Hommel<sup>1,2</sup>, Maximilian Ragaller<sup>2</sup>, and Gabriele Siegert<sup>1</sup>

<sup>1</sup> Institute of Clinical Chemistry and Laboratory Medicine, TU Dresden, Dresden, Germany

<sup>2</sup> Clinic of Anaesthesia and Intensive Care Medicine, CG Carus University Hospital,  
University of Dresden, Dresden, Germany

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

Ping-Lun Jiang<sup>1</sup>, Hsiao-Wen Wang<sup>2</sup>, Wen-Yu Tsai<sup>3</sup>, Yun-An Chen<sup>3</sup>, Hung-Jun Lin<sup>3</sup>,  
Shen-Fu Lin<sup>3</sup>, Mei-Yin Chien<sup>3,4</sup> and **Der-Zen Liu**<sup>3</sup>

<sup>1</sup> Graduate Institute of Biomedical Engineering, College of Engineering,  
College of Medicine, National Taiwan University, Taipei, Taiwan

<sup>2</sup> School of Pharmacy, College of Medicine,  
National Taiwan University, Taipei, Taiwan

<sup>3</sup> Graduate Institute of Biomedical Materials and Tissue Engineering,  
College of Oral Medicine, Taipei Medical University, Taipei, Taiwan

<sup>4</sup> Ko Da Pharmaceutical Co., Ltd, Tao-Yuan, Taiwan

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**IFN- $\gamma$  production from cord blood NK cells by various Toll-like receptor ligands**

**Toshiro Hara<sup>1</sup>**, FM Eljaafari<sup>1</sup>, Hidetoshi Takada<sup>1</sup>

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

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**Clinical features of patients with susceptibility to mycobacterial diseases in Japan**

**Toshiro Hara<sup>1</sup>**, Takayuki Hoshina<sup>1</sup>, Hidetoshi Takada<sup>1</sup>, Koichi Ohshima<sup>2,3</sup>, Osamu Ohara<sup>2,3</sup>

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

<sup>2</sup>Laboratory for Immunogenomics, RIKEN Research Center  
for Allergy and Immunology, Yokohama, Japan,

<sup>3</sup>Department of Human Genome Technology,  
Kazusa DNA Research Institute, Chiba, Japan

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

**Soongsathitanon, J.<sup>1\*</sup>**, Sriwijitkamol, A.<sup>2</sup>, Thongboonkerd, V.<sup>3</sup>

<sup>1</sup> Department of Immunology, Faculty of Medicine Siriraj Hospital,  
Mahidol University, Bangkok, Thailand, Email: <[sjrt@mahidol.ac.th](mailto:sjrt@mahidol.ac.th)>.

<sup>2</sup> Department of Medicine, Faculty of Medicine Siriraj Hospital,  
Mahidol University, Bangkok, Thailand.

<sup>3</sup> Medical Proteomics Unit, Office for Research and Development,  
Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

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**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

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

Boldt, ABW<sup>1</sup>; Stahlke, ERS<sup>2</sup>; Steffensen, R<sup>3</sup>;  
Thiel, S<sup>4</sup>; Jensenius, JC<sup>4</sup>; **Messias-Reason, IJT<sup>1</sup>**.

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, Aarhus C, DK

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**Dissecting TLR crosstalk through combinatorial PAMP stimulation**

**Tan Suet Ting Rebecca<sup>1</sup>** and Ding Jeak Ling<sup>2</sup>

<sup>1</sup> Department of Biological Sciences  
National University of Singapore

<sup>2</sup> NUS Graduate School for Integrative Sciences and Engineers

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

Muhammad A. Raees<sup>1</sup>, Syed H. Abidi<sup>1</sup>,  
Muhammad R. Khanani<sup>2,3</sup>, Wajid Ali<sup>3</sup>, **Syed Ali<sup>1,2</sup>**

<sup>1</sup>Department of Biological and Biomedical Sciences,  
Aga Khan University, Karachi, Pakistan

<sup>2</sup>Dow University of Health Sciences, Karachi, Pakistan

<sup>3</sup>Infection Control Society Pakistan, Karachi, Pakistan

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**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

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**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)**





**Tuesday, July 3, 2012, 9 AM – 10:30 AM**  
**Session [9], Room: Schloss Saal**

**MODERATOR:**

**Borros Arneth**

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

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

<sup>1</sup>Yanbao Xiong, <sup>2</sup>Chang Song, <sup>3</sup>Larry M. Wahl, and <sup>1</sup>**Andrei E. Medvedev**

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

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**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

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**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

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**Coffee Break: 10:30 AM – 11 AM**

**Tuesday, July 3, 2012, 11 AM – 11:45 AM**  
**Session [10], Room: Schloss Saal**

**MODERATOR:**

**Ray Wilkinson**  
Medical School, University of Queensland  
Brisbane, Australia

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**FEATURED TALK**

**Emerging Therapies for Inflammation and Autoimmunity**

**Jacek Hawiger**<sup>(\*)</sup>, 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

<sup>(\*)</sup> 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

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

Tuesday, July 3, 2012, 12:45 PM – 1:45 AM  
Session [11], Room: Lobby by Conference Registration Desk

POSTERS

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**Lack of association between Transforming Growth Factor Beta Gene 1 (*TGFI*) 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

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

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

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

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**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

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**Crystal structure of an anti collagen immune complex**

**Ingrid Lindh**

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

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Session 11 (continued)

**Regulation of the intestinal immune response by the hypophysis  
during *Trichinella spiralis* infection in the golden hamster**

Karen Nava –Castro<sup>1</sup>, Rosalía Hernández-Cervantes<sup>1</sup>, Andrés Quintanar-Stephano<sup>2</sup>,  
Norma Moreno-Méndoza<sup>3</sup> Lorena López-Griego<sup>1</sup>, Valeria López-Salazar<sup>1</sup>, Romel Hernández-Bello<sup>1</sup>,  
Julio César Carrero<sup>1</sup> and **Jorge Morales-Montor<sup>1\*</sup>**

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

<sup>2</sup>Departamento de Fisiología y Farmacología, Centro de Ciencias Básicas,  
Universidad Autónoma de Aguascalientes, Aguascalientes, México

<sup>3</sup>Departamento de Biología Celular, Instituto de Investigaciones Biomédicas,  
Universidad Nacional Autónoma de México, AP 70228, México D.F., 04510, México

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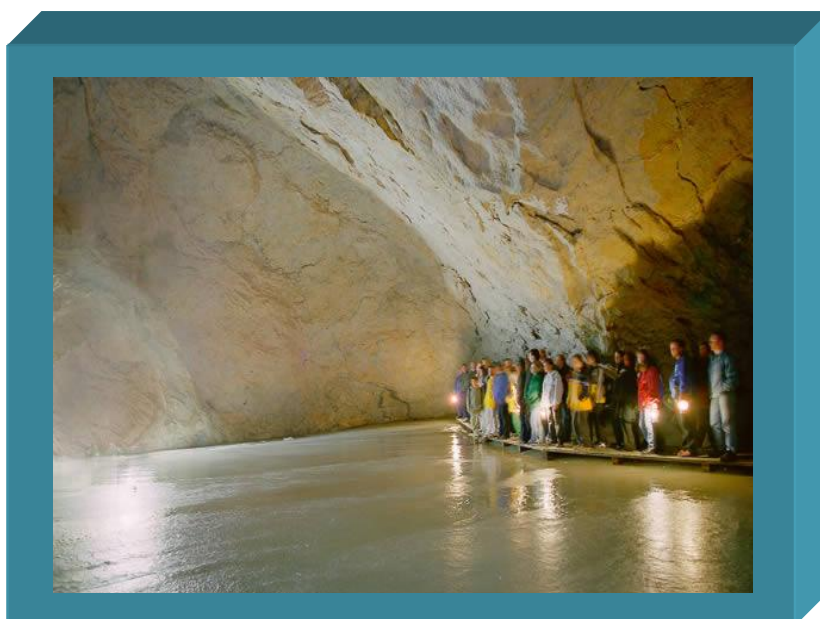
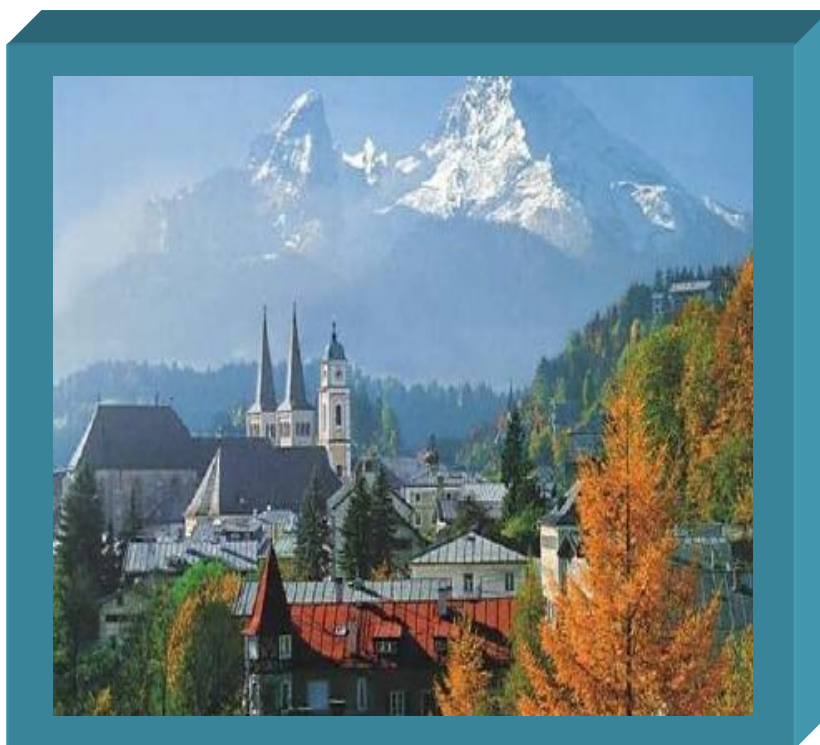
Tuesday, July 3, 2012

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<sup>+</sup> T cells in Type 1 diabetes <sup>(i)</sup>**

**David K. Cole<sup>1\*</sup>**, Anna M. Bulek<sup>1\*</sup>, , Ania Skowera<sup>2,3\*</sup>, Garry Dolton<sup>1</sup>, Stephanie Gras<sup>4</sup>, Florian Madura<sup>1</sup>, Anna Fuller<sup>1</sup>, John J. Miles<sup>1</sup>, Emma Gostick<sup>1</sup>, David A. Price<sup>1</sup>, Jan W. Drijfhout<sup>6</sup>, Robin R. Knight<sup>2</sup>, Guo C. Huang<sup>7</sup>, Nikolai Lissin<sup>5</sup>, Peter E. Molloy<sup>5</sup>, Linda Wooldridge<sup>1</sup>, Bent K. Jakobsen<sup>5</sup>, Jamie Rossjohn<sup>1,4</sup>, Mark Peakman<sup>2,3\*</sup>, Pierre J. Rizkallah<sup>1\*</sup> and Andrew K. Sewell<sup>1\*</sup>

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<sup>(i)</sup> 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- $\beta$  expression in both peripheral blood and lymphnodes in patients with B-Non Hodgkin's lymphoma**

**Laila H. El-Sayed<sup>1</sup>**, Hossam M.Ghoneim.<sup>1</sup>, Abdel Rahman M.A.,  
<sup>3</sup> Bassma M<sup>1</sup> and Yasser M. El-Kerm.<sup>2</sup>

Departments of immunology<sup>1</sup>, and Clinical oncology,<sup>2</sup>  
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<sup>®</sup> on drug substrates of ABCB1**

C Chu<sup>a,b</sup>, C Abbara<sup>a</sup>, M S Noël-Hudson<sup>b</sup>, J Bénard<sup>c</sup>, R Farinotti<sup>b</sup>, **L Bonhomme-Faivre<sup>a,b</sup>**

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<sup>c</sup>Molecular Interaction and Cancer CNRS-UMR 8126, IFR54, Institut Gustave Roussy,  
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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**<sup>1,2,3,4</sup>, Andrew Kassianos<sup>1,2</sup>, Xiangju Wang<sup>1,2</sup>,  
Sandeep Sampangi<sup>1,2</sup> and Helen Healy<sup>1,2</sup>.

<sup>1</sup>Conjoint Renal Laboratory, Pathology Queensland,

<sup>2</sup>Department of Renal Medicine, Royal Brisbane and Women's Hospital, Brisbane, Australia,

<sup>3</sup>Institute of Health and Biomedical Innovation, Queensland University of Technology,  
Brisbane, Australia and <sup>4</sup>Medical School, University of Queensland, Brisbane, Australia

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

Wednesday, July 4, 2012, 12:45 AM – 1:45 AM  
Session [14], Room: Lobby by Conference Registration Desk

**POSTERS**

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**Preexisting cross-reactive antibodies to avian influenza H5N1 and 2009  
pandemic H1N1 in non-exposed US military personnel**

**S. Pichyangkul**<sup>1</sup>, D. L. Saunders<sup>1</sup>, A. Jongkaewwattana<sup>2</sup>, A. Thitithanyanont<sup>3</sup>, S. Wiboon-ut<sup>3</sup>,  
J. Kramyu<sup>2</sup>, K. Yongvanitchit<sup>1</sup>, A. Limsalakpetch<sup>1</sup>, U. Kum-Arb<sup>1</sup>, D. Mongkolsirichaikul<sup>1</sup>,  
N. Khemnu<sup>1</sup>, A. Timmermans<sup>1</sup>, R. G. Jarman<sup>1</sup>, J-M Garcia<sup>4</sup>, M. Peiris<sup>4</sup>, R. Mahanonda<sup>5</sup>,  
C. J. Mason<sup>1</sup>, and D. S. Walsh<sup>1</sup>

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

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**Mechanism of action and antineoplastic effect of the copper coordination compound  
[Cu (5,6-dimetil-1,10 fenantrolina)(acetonato)] NO<sub>3</sub>H<sub>2</sub>O 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

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**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

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**Modulation of FOXP3 Expression by PPAR $\gamma$  ligands in natural T-regulatory Cells**

**Nor Effa S.Z**<sup>1</sup>, Yaacob N.S<sup>2</sup>, Norazmi M.N<sup>1</sup>,

<sup>1</sup>Molecular Biology Lab, School of Health Sciences, Universiti Sains Malaysia, Malaysia;  
<sup>2</sup>Department of Chemical Pathology, School of Medicine, Universiti Sains Malaysia, Malaysia

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Session 14 (continued)

**Altered expression of cytokines and sex steroid receptors in the reproductive tract of cysticercotic male mice**

Karen Nava-Castro<sup>1</sup>, Lorena López-Griego<sup>1</sup> and **Jorge Morales-Montor**<sup>1\*</sup>.

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

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**T-cell CD38 expression in B-chronic lymphocytic leukemia**

**Nashwa Khayrat Abousamra**<sup>1\*</sup>, Manal Salah EL-Din<sup>2</sup>, Emad Azmy<sup>3</sup>

<sup>1</sup>Department of Clinical Pathology, Hematology Unit, Faculty of Medicine, Mansoura University, Egypt.

<sup>2</sup>Department of Medical Oncology, Oncology Center, Mansoura University, Egypt.

<sup>3</sup>Department of Clinical Hematology, Faculty of Medicine, Mansoura University, Egypt.

\*Correspondence: Dr Nashwa Khayrat Abousamra, Clinical Pathology Department, Hematology Unit, Faculty of Medicine, 35516, Mansoura University, Egypt

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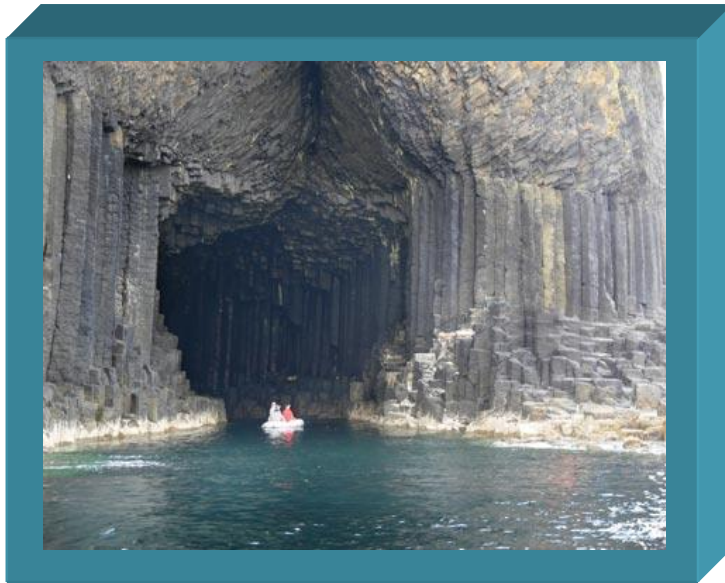
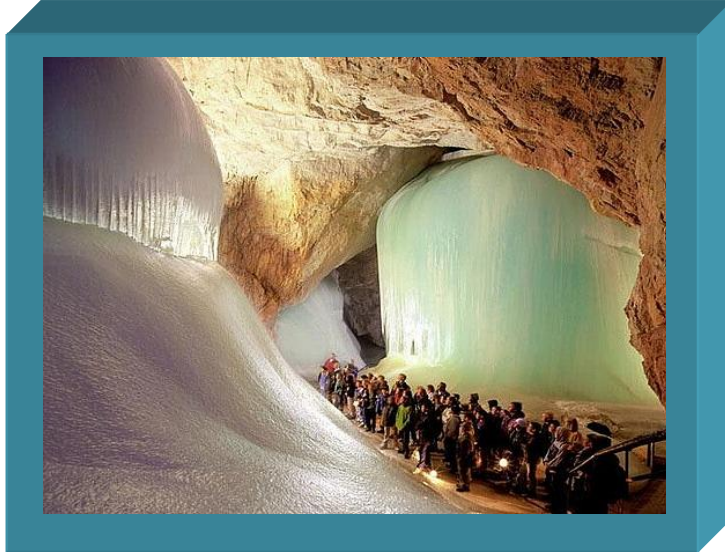
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Wednesday, July 4, 2012  
Half-Day Excursion (subject to minimum quota)  
*Ice Caves & Surroundings*  
2:30 PM (Hotel) – 8 PM (Hotel)  
Price per Person: € 65



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)

