



FRONTIERS IN IMMUNOLOGY RESEARCH NETWORK

*FIRN, 64 Holden Street
Worcester, MA 01605-3109, USA
Telephone: 508-852-3937, Fax: 508-595-0089
Email: hkan@firnweb.com, Web: <http://www.firnweb.com>*

FRONTIERS IN IMMUNOLOGY RESEARCH 2008 INTERNATIONAL CONFERENCE

[<http://www.firnweb.com/FIRNCall08.htm>](http://www.firnweb.com/FIRNCall08.htm)

FLORENCE, ITALY (July 22-26, 2008) Hotel Croce di Malta

[<http://www.crocedimaltaflorence.com/>](http://www.crocedimaltaflorence.com/)

SCHEDULE OF MEETINGS & ACTIVITIES

INSTRUCTIONS TO PROGRAM PARTICIPANTS

PROGRAM

OBSERVERS



**FRONTIERS IN IMMUNOLOGY RESEARCH
2008 INTERNATIONAL CONFERENCE**

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SCHEDULE OF MEETINGS & ACTIVITIES

MONDAY, JULY 21, 2008

Planned Excursion (subject to minimum quota):

Pre-Conference Daylong Excursion: Pisa, Vinci & Surroundings.

Depart at 8:30 AM from Hotel Croce di Malta, by bus with English-speaking guide, return 6 PM.

Book with **Helen Kantarelis** via email hkan@firnweb.com.

Price: € 65 per person without meals.

Registration: 5 PM – 8 PM (Hotel Croce di Malta).

Orientation: 6:15 PM – 6:45 PM.

Planned Activities:

Reception: 7 PM – 8 PM

After the reception, let's go for a walk around Florence!

8 PM on (Depart from hotel lobby, walk together for a while, split up in groups, walk back on your own).

TUESDAY, JULY 22, 2008

Registration: 8:30 AM – 3:30 PM & 8:30 PM – 9:30 PM, (Hotel Croce di Malta).

Concurrent Sessions: 9:00 AM – 10:30 AM.

Featured Speaker: 10:45 AM – 11:30 AM.

Poster Sessions & Nutritional / Coffee Break: 11:30 AM – 1:55 PM.

Concurrent Sessions: 2:00 PM – 3:30 PM.

Planned Excursion (subject to minimum quota):

Excursion: Lucca.

Depart at 4 PM from Hotel Croce di Malta, by bus with English-speaking guide, return 8 PM.

Book with **Helen Kantarelis** via email hkan@firnweb.com.

Price: € 35 per person without meals.

WEDNESDAY, JULY 23, 2008

Registration: 8:30 AM – 3:30 PM (Hotel Croce di Malta)

Concurrent Sessions: 9:00 AM – 10:30 AM.

Featured Speaker: 10:45 AM – 11:30 AM.

Poster Sessions & Nutritional / Coffee Break: 11:30 AM – 1:55 PM.

Concurrent Sessions: 2:00 PM – 3:30 PM.

No Planned Excursion

Recommended Excursions:

Visit the **Uffizi Gallery** in Florence (reserve in advance)

Planned Activity:

Informal Gathering (by the pool): 9:30 PM on.

THURSDAY, JULY 24, 2008

International Journal of Immunological Studies

Editorial Board “Breakfast” Meeting (Open to all): 8 AM – 8:50 AM (Hotel Croce di Malta).

Registration: 8:30 AM – 10:30 AM (Hotel Croce di Malta).

Featured Speaker: 9:30 AM – 10:15 AM.

Planned Excursion (subject to minimum quota):

Daylong Excursion: Chianti, Siena & San Gimignano.

Depart at 11 AM from Hotel Croce di Malta, by bus with English-speaking guide, return 8 PM. Book with **Helen Kantarelis** via email <hkan@firnweb.com>.

Price: € 60 per person without meals.

FRIDAY, JULY 25, 2008

Registration: 8:30 AM – 3:30 PM (Hotel Croce di Malta).

Concurrent Sessions: 9:00 AM – 10:30 AM.

Featured Speaker: 10:45 AM – 11:30 AM.

Poster Sessions & Nutritional / Coffee Break: 11:30 AM – 1:55 PM.

Concurrent Sessions: 2:00 PM – 3:30 PM.

No Planned Excursion

Recommended Excursions:

Take an entertaining **Walking Tour** of Florence or visit the **Academia Gallery**.

Planned Activity:

Informal Gathering (by the pool): 9:30 PM on.

SATURDAY, JULY 26, 2008

Registration: 8:30 AM – 3:30 PM (Hotel Croce di Malta).

Concurrent Sessions: 9:00 AM – 10:30 AM.

Featured Speaker: 10:45 AM – 11:30 AM.

Poster Sessions & Nutritional / Coffee Break: 11:30 AM – 1:55 PM.

Concurrent Sessions: 2:00 PM – 3:30 PM.

Planned Excursion (subject to minimum quota):

Excursion: Fiesole & Surroundings.

Depart at 4 PM from Hotel Croce di Malta, by bus with English-speaking guide, return 8 PM.

Book with **Helen Kantarelis** via email <hkan@firnweb.com>.

Price: € 30 per person without meals.

SUNDAY, JULY 27, 2008

Planned Excursion (subject to minimum quota):

Post-Conference Daylong Excursion: Montepulciano & Pienza.

Depart at 8:30 AM from Hotel Croce di Malta, by bus with English-speaking guide, return 6 PM.

Book with **Helen Kantarelis** via email <hkan@firnweb.com>.

Price: € 65 per person without meals.



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INSTRUCTIONS TO PROGRAM PARTICIPANTS

(a) ORAL PRESENTATIONS:

Session Time Allocations: Most sessions are 90 minutes long with three presenters; a few are 90 minutes long with four presenters. Each Presenter should take no more than 30 minutes (when three presenters) and no more than 22 minutes (when 4 presenters); 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 an overhead projector, 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 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 30 (or 22) 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 ten or more copies of your manuscript.* Every presentation rooms will be equipped with overhead projectors, 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 Italy. *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 on Tuesday (July 22), Wednesday (July 23), Friday (July 25), and Saturday (July 26) from 12:30 PM to 1:55 PM. Please search in the Program to find out when you present and be prepared to display by 12 noon of the day of 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). FIRN would not provide any construction materials. (Cartoleria Ostolani is a store that sells such supplies across the conference hotel.) Please note that electricity will not be provided 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 ten or more copies of your abstract and/or manuscript.*



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PROGRAM

Presenters in **bold**.

To find your name, please point to "Edit" then "Find"; type in your name and then hit the Enter key.

Tuesday, July 22, 2008, 9 AM – 10:30 AM
Session [1], Sala Blu

MODERATOR: Jonathan Sprent

**Association of Tyrosine kinase 2 (TYK2) gene polymorphism with
susceptibility to SLE in Japanese population**

Chieko Kyogoku¹, Akio Morinobu², Kazuhisa. Kishimoto¹, Kunihiro. Nishimura³,
Hiroshi. Hashimoto⁴, Daisuke Sugiyama³, Shunichi Kumagai², and Takayoshi Kuno¹

¹Division of Molecular Pharmacology and Pharmacogenomics,

²Department of Clinical Pathology and Immunology,

³Department of Evidence-based Laboratory Medicine, Kobe University
Graduate School of Medicine, Kobe, Japan,

⁴Department of Rheumatology and Internal Medicine,
Juntendo University, Tokyo, Japan. <k-chieko@umin.ac.jp>.

Stimulating Subsets of T cells with Cytokine/Antibody Complexes

Jonathan Sprent

Immunology Program, Garvan Institute of Medical Research
Sydney, Australia. <j.sprent@garvan.org.au>.

Molecular modelling for the prediction of T helper epitopes

François BAGAÏNI

Vetocyte, 25600 Sochaux, France, <Bagaini.fr@vetocyte.fr>.

Tuesday, July 22, 2008, 9 AM – 10:30 AM
Session [2], Sala Piano

MODERATOR: Scott R. Burrows

MHC and Olfaction

Maria da Graça Bicalho, Juarez Gabardo &
Rodrigo Rose Mengarelli

Genetics Department -Federal University of Paraná,
Brazil <ligh@ufpr.br>

**Mapping of an immunodominant viral CD8+ T cell epitope with a minimal
length of 16 residues illustrates the broad peptide length
specificity of some MHC class I molecules**

Jacqueline M. Burrows¹, Stephanie Gras², Melissa J. Bell¹,
Rebekah Brennan¹, James McCluskey³, Anthony Purcell³,
Jamie Rossjohn², and Scott R. Burrows¹

¹ Immunology Division, Queensland Institute of
Medical Research, Brisbane, QLD, Australia;

² Department of Biochemistry and Molecular Biology,
Monash University, Melbourne, VIC, Australia;

³ Department of Microbiology & Immunology,
University of Melbourne, Melbourne, VIC, Australia.
<Scott.Burrows@qimr.edu.au>

The role of NKT Cells and CD8 T cells in Cancer Immunotherapy

Dora Chan, Ian Frazer, and Graham Leggatt

Diamantina Institute (DI) for Cancer, Immunology & Metabolic Medicine,
University of Queensland, Level 4, Research Wing, Building 1,
Princess Alexandra Hospital, Ipswich Road,
Woolloongabba, Q4102, Australia, <d.chan1@uq.edu.au>

Tuesday, July 22, 2008, 10:45 AM – 11:30 AM
Session [3], Sala Blu

MODERATOR: Jian Zhang

FEATURED TALK

Directing the Immune System by Light

Colin H. Self, Alexander C. Self & Stephen Thompson

Clinical Biochemistry, CALS, The Medical School,
Framlington Place, The University of Newcastle,
Newcastle upon Tyne,
NE2 4HH, United Kingdom.
<c.h.self@ncl.ac.uk>

Tuesday, July 22, 2008, 11:30 AM – 1:55 PM
Session [4], Sala Veranda

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

Molecular Mechanisms of the hyper-induction of TNF- α by avian influenza virus in human blood macrophages

Tam AHM¹, Lee DCW¹, Peiris M² and Lau AS¹

¹Cytokine Biology Group, Department of Paediatrics and Adolescent Medicine,

²Department of Microbiology LKS Faculty of Medicine,
The University of Hong Kong,

Pokfulam, Hong Kong.< ahmtam@hkusua.hku.hk>

Toll-like receptors expression profile of Human Metapneumovirus or Respiratory Syncytial Virus infected human respiratory epithelial cells

J. Y. L. Wong, H. K. W. Law, W. Tu, and Y. L. Lau

Department of Paediatrics and Adolescent Medicine,
Li Ka Shing Faculty of Medicine,
The University of Hong Kong, Hong Kong.
<minnie_joey@hotmail.com>

Can IgM be used in two site sandwich immunoassays to quantify target proteins?

Makonnen Abebe¹, Kathy Nguyen¹, Wendy Decker²,
Veena Kumar¹, Serdal Sevinc¹, Azam Tayabali², and Hari Vijay¹

¹ Environmental Health Science Research Bureau, Health Canada,
Tunney's Pasture, Ottawa, K1A 0K9, ON. Canada.
<Makonnen_Abebe@hc-sc.gc.ca>

² Public Health Agency of Canada, National HIV and Retrovirology Laboratory,
Health Canada, Tunney's Pasture, Ottawa, K1A 0K9, ON., Canada.

Tuesday, July 22, 2008, 11:30 AM – 1:55 PM
Session [4], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

Pattern of Expression of Triiodothyronine , Somatostatin hormone
Receptors, and 5` Deiodinase in different Breast Pathologies
versus Normal and Lactational tissues

Bakhiet, M. ¹, Al-Yousif, R. ², **Al-Matouq, J.** ³, Taha, S. ¹

1. HH. Princess Jowhara center for Molecular Medicine,
Arabian Gulf University;
 2. Pathology Department, Salmaniya Medical Complex,
Arabian Gulf University;
 3. Biotechnology Postgraduate Program,
Arabian Gulf University. <jenna_Leo@hotmail.com>
-

**Phenotypic and Functional analysis of Natural Killer
(NK) cells in Lung cancer**

Suliman Alomar, Stephen Christmas

Immunology Department, School of Infection & Host Defence,
Liverpool University, Liverpool, U.K.
<ksudem@yahoo.com>, <sechris@liv.ac.uk>

**Investigation of lymphocyte- kinetics by in-vitro
stimulation and flow cytometry**

Borros M. Arneth, MD, Institute of Clinical Chemistry and
Laboratory Medicine, Johannes Gutenberg University Mainz,
Langenbeckstraße 1, 55131 Mainz, Germany.
<arneth@zentrallabor.klinik.uni-mainz.de>

Tuesday, July 22, 2008, 11:30 AM – 1:55 PM
Session [4], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**HLA allele distribution in breast cancer female patients
From the Kingdom of Bahrain**

Zainab Ashkanani; Fadhel Saleh, MD, FRACP
Arabian Gulf University, Bahrain
<worktime81@hotmail.com>

**Anti-guanlyl antibodies are heterogeneous and can resemble
autoantibodies to tubulin or skeletal muscle**

Eric Law, **Danny Leung**, Chun Hung Ma, Kitty Cheung,
Naomi Cheng, Frankie Tam, **Pak Leong Lim**

Clinical Immunology Unit, The Chinese
University of Hong Kong, Hong Kong.
<sfnicx@hkstar.com>, <pllim@cuhk.edu.hk>

Fas ligand regulates acute gouty inflammation

Ana M Brito, Flávia L. Ribeiro-Gomes,
Marise P. Nunes and George A. DosReis

Instituto de Biofísica Carlos Chagas Filho,
Universidade Federal do Rio de Janeiro, 21944-970,
Rio de Janeiro, Brazil.
<anambz@yahoo.com.br>

Tuesday, July 22, 2008, 11:30 AM – 1:55 PM
Session [4], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Increased expression of epiregulin by Ets-1 mediated by
Ras-ERK pathway in Ki-ras-transformed prostate
epithelial cell line and mouse lung tissues**

Hee-Sook Choi¹, Min-Chul Cho¹, Jung Woo Kang¹,
Bo-Yeon Kim², Dae Yeul Yu², Hee-Gu Lee²,
Yum Young Na³, Sue Nie Park³, Do-Young Yoon¹

¹Lab. of Cell Biol and ImmunoBiochem,
Department of Bioscience and Biotechnology,
Konkuk University, Seoul 143-701, Korea;

²Korea Research Institute of Bioscience and Biotechnology (KRIBB),
Yuseong, Daejeon 305-333, Korea;

³Division of Genetic Toxicology, National Institute of Toxicological Research,
Korea Food and Drug Administration, Seoul, Korea.
<cnr_seraph@hanmail.net>

**Molecular regulation of MHC class I chain-related
protein A expression after HDAC-inhibitor
treatment of Jurkat T cells**

**Helle Jensen, Lars Andresen, Marianne T. Pedersen,
Karen A. Hansen, and Søren Skov**

Department of Immunology, Institute of International Health,
Immunology and Microbiology, University of Copenhagen,
Blegdamsvej 3, 2200 Copenhagen N, Denmark.
<hellej@immi.ku.dk>

Tuesday, July 22, 2008, 2 PM – 3:30 PM
Session [5], Sala Blu

MODERATOR: B.J. Darien

**Bovine Neonatal Immunomodulation: Translation
from Basic Science to Clinical Trial**

V.J. Brooks¹, S.M. McGuirk¹, S.F. Peek¹,
R.G. Godbee², **B.J. Darien**¹

¹Dept. Medical Sciences, UW-Madison, WI - USA and

²Dept. Animal Biotechnology/Vet Med,
University Nevada, Reno, NV - USA.

**Oral administration of a novel peptide immunomodulator
ameliorates neurological effects in experimental
autoimmune encephalitis**

Uri Wormser, Berta Brodsky, Elena Proscura,
Avigail Erlanger-Rosengarten, Elena Shapira

Department of Pharmacology,
School of Pharmacy, Faculty of Medicine,
Institute of Life Sciences,
The Hebrew University, 91120 Jerusalem, Israel.
<wormser@cc.huji.ac.il>

**Modulation of the Translation Inhibitor 4E-BP1
by the Parasite *Leishmania***

Maritza Jaramillo*, Maria Adelaida Gomez[#],
Mauro Costa-Mattioli*,
Martin Olivier[#] and Nahum Sonenberg*

*Department of Biochemistry, McGill Cancer Centre, McGill University,
3655 Promenade Sir- William-Osler, Montreal, Quebec, H3G 1Y6, Canada,

[#]Departments of Experimental Medicine, Microbiology and Immunology,
McGill University, 3775 University, Montreal, Quebec, H3A 2B4, Canada
<maritza.jaramillo@mail.mcgill.ca>

Tuesday, July 22, 2008, 2 PM – 3:30 PM
Session [6], Sala Piano

MODERATOR: Ebenezer Satyaraj

**Nutrition and the Immune System: Advances,
Implications and a Case Study**

Ebenezer Satyaraj

Nestle Research Center
Checkerboard Square
St. Louis, MO 63164-0001, USA
Tel: 314-982-3658, Fax: 314-982-5857
<Ebenezer.Satyraj@rdmo.nestle.com>

**The effect of the *MecA* gene point mutation on the response
of *Staphylococcus aureus* against the most common Antibiotics**

Elsayed E. Hafez¹, Sobhy A. Alsohimy, and M.A. El-Saadani¹

Mubarak City for Scientific Research and
Technology Applications,
Alexandria, Egypt.
Phone: +203459320, Fax: +203 4593423
<elsayed_hafez@yahoo.com>

Wednesday, July 23, 2008, 9 AM – 10:30 AM
Session [7], Sala Blu

MODERATOR: Bernardo Mantovani

r-Interleukin-2 (rIL2) treatment effect on imatinib
pharmacokinetic, anticancer response and (P-glycoprotein)
Pgp and BCRP expression in mice

Benoît Hosten^a, Chadi Abbara^b, Cibert Marion^b, Benoît Petit^c,
Robert Farinotti^a, Patrick Gonin^c, and **Laurence Bonhomme-Faivre**^{a,b}

^a UPRES EA 2706, Faculty of Pharmaceutical Sciences,
Université Paris Sud XI Châtenay Malabry, France.

^b Laboratory of pharmacology, Paul-Brousse, Villejuif, France. AP-HP

^c Animals Department, Institut-Gustave-Roussy Villejuif.
<laurence.bonhomme-faivre@pbr.aphp.fr>

**Melanoma antigen gene and over expression of soluble
intra-cellular adhesion molecule-1 mRNA in Egyptian
hepatocellular carcinoma patients:
clinicopathological and prognostic significance**

Laila H. Elsayed¹, Amany A. Ghazy¹, Seham A. Abo-Shosha¹,
Hossam E. Ghoneim¹, Wael A. Refaay², Zaki E.A³,
Sayed S. Hafez³, Abdel-Elrahman M.A⁴

¹ Department of Immunology;

² Department of Internal Medicine,

Medical Research Institute, Alexandria University, Egypt;

³ Biotechnology Research Institute, Mubarak City for Research, Egypt;

⁴ Department of Hematology, Military Medical Academy, Egypt. <lailaelsayed758@gmail.com>

**Opposite effects of cold stress in mice on phagocytosis by resting
and activated macrophages – dependence on the receptors involved**

Gyselle C. Bacca¹, Renata S. Costa²,
Silvana Chedraoui-Silva² and **Bernardo Mantovani**²

¹Institute of Health Sciences, Federal University of Bahia, Salvador, BA, Brazil;

²Departament of Biochemistry and Immunology, Ribeirão Preto Medical
School, University of São Paulo, SP, Brazil. <bmantova@fmrp.usp.br>

Wednesday, July 23, 2008, 9 AM – 10:30 AM
Session [8], Sala Piano

MODERATOR: Carole Guillonueau

**NKT cell activation increases influenza-A virus specific memory
T cell generation and immunity to heterologous virus challenge**

**Carole Guillonueau¹, Justine D. Mintern¹, Aeron Hurt²,
Gurdyal S. Besra³, Peter C. Doherty^{1,4} Ian Barr²,
Dale I. Godfrey¹, and Stephen J. Turner¹**

¹Department of Microbiology and Immunology, University of Melbourne, Parkville, Australia;

²WHO Collaborating Centre for Reference and Research on Influenza, Parkville, Australia;

³School of Biosciences, University of Birmingham, Edgbaston, Birmingham, UK;

⁴Department of Immunology, St. Jude Children's Research Hospital,
Memphis, TN 38105, USA. <caroleg@unimelb.edu.au>

**Effect of the persistent environmental pollutants perfluorooctane
sulfonate and perfluorooctanoic acid on the innate
immune system of mice**

Mousumi R Qazi

Stockholm University, Sweden. <mou15@dbb.su.se>

**Winning the race against virus spread: rapid granule release
by CTL ensures efficient destruction of virus-infected cells**

Allison M. Beal[¶], Nadia Anikeeva[¶], Rajat Varma[†],
Thomas O. Cameron[†], Philip J. Norris[§],
Michael L. Dustin[†], **Yuri Sykulev[¶]**

[¶]Department of Microbiology and Immunology and Kimmel Cancer Institute,
Thomas Jefferson University, Philadelphia, PA19107, USA;

[†]Skirball Institute of Biomolecular Medicine, New York University
School of Medicine, New York, NY 10016, USA;

[§]Blood Systems Research Institute and the Departments of Laboratory Medicine
and Medicine, University of California,
San Francisco, CA 94118, USA. <sykulev@mail.jci.tju.edu>

Wednesday, July 23, 2008, 10:45 AM – 11:30 AM
Session [9], Sala Blu

MODERATOR: Colin H. Self

FEATURED TALK

**Cbl-b Down-regulates T Cell Receptor-mediated Akt Activation
by Promoting pten Activity via a Nedd4-dependent Mechanism**

Hui Guo, ¹ Guilin Qiao,^{1,2} Haiyan Ying,^{1,2} Zhenping Li,
¹ Stan Lipkowitz, ⁴ Josef M. Penninger, ⁵ and **Jian Zhang**¹⁻³

¹Section of Nephrology, Department of Medicine, Committees on
²Immunology and

³Molecular Medicine, The University of Chicago, 5841
S. Maryland Ave., Chicago, IL 60637, USA;

⁴Laboratory of Cellular and Molecular Biology,
Center for Cancer Research,
NCI, Bethesda, MD 20892, USA;

⁵Institute of Molecular Biotechnology, The Austrian Academy
of Sciences, 1030 Vienna, Austria.

<jzhang@medicine.bsd.uchicago.edu>

Wednesday, July 23, 2008, 11:30 AM – 1:55 PM
Session [10], Sala Veranda

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Anti-inflammatory cytokine IL-10 is induced by
proinflammatory cytokine IL-32 β**

JeongWoo Kang^{1,2}, Seung-Chul Choi³, TaeHee Seo¹, MinChul Cho¹,
Eun-Hee Seo¹, **Jung-Hee Kim**¹, Hee-Jong Kim¹, JaeHwa Kim³,
Jong-Seok Lim⁴, SooHyun Kim⁵, Charles A Dinarello⁶,
JaeYong Han², **Do-Young Yoon**^{1*}.

¹Dept. of Bioscience and Biotechnology,

⁵Dept. of Biomedical Science and Technology,
Konkuk University, Seoul, 143-701, Korea;

²Laboratory of Animal Genetic Engineering, Dept. of Food and Animal Biotechnology,
Seoul National University, Seoul 151-742, Korea;

³Cellomics Research Center, Korea Research Institute of Bioscience and
Biotechnology, Daejeon 305-600, Korea,

⁴Dept. of Biological Sciences, Sookmyung Women's University, Seoul 140-742, Korea;

⁶University of Colorado Health Sciences Center,
Denver, CO 80262, USA. <jwkang39@hanmail.net>

Inhibition of caspase-8 by v-FLIP increases resistance to *Leishmania major*

Pereira, W.F., Guillermo, L.V.C., Silva, E.M., Ribeiro-Gomes,
F.L., Siegel, R.M*., DosReis, G.A, Lopes, M.F.

Instituto de Biofísica Carlos Chagas Filho, UFRJ – Rio de Janeiro – RJ

*Immunoregulation Unit, National Institute of Health, Bethesda – USA.
<ferrazwp@yahoo.com.br>

**Anti-guanylyl antibodies are heterogeneous and can resemble
autoantibodies to tubulin or skeletal muscle**

Eric Law, **Danny Leung**, Chun Hung Ma, Kitty Cheung,
Naomi Cheng, Frankie Tam, **Pak Leong Lim**

Clinical Immunology Unit, The Chinese University of Hong Kong, Hong Kong.
<sfnicx@hkstar.com>, <pllim@cuhk.edu.hk>

Wednesday, July 23, 2008, 11:30 AM – 1:55 PM
Session [10], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Functional characterization of non-mammalian colony
stimulating factor-1 (CSF-1): regulation of macrophage
development in lower vertebrates**

Patrick C. Hanington¹ and Miodrag Belosevic^{1,2}

Departments of ¹Biological Sciences and ²Public Health Sciences,
University of Alberta, Edmonton, Alberta, Canada. <pch1@ualberta.ca>

**Induction of Mac-2BP by NGF is regulated by the
PI3K/Akt/NF-κB dependent pathway**

Yuk Pheel Park¹, Eun Young Song¹, Do-Young Yoon²,
Young Yang³, **Hee Gu Lee**^{1*}

¹Stem Cell Research Center, KRIBB, Daejeon 305-806, Korea;
²Department of Bioscience and Biotechnology, Konkuk University, Seoul 143-701, Korea;
³Department of Biological Sciences and the Research Center
for Women's Diseases, Sookmyung Women's University, Seoul 140-742, Korea.
*<hglee@kribb.re.kr>

The increased expression of Cystatin 1 (CST1) in gastric cancers

Jong-Tae Kim¹, Su Hui Kim¹, Hyo Ran Yoon¹,
Joo Heon Kim², Jong Wan Kim³,
Suk Ran Yoon¹, Jae Wha Kim¹, **Hee Gu Lee**^{1*}

¹Stem Cell Research Center, Korea Research Institute
of Bioscience and Biotechnology (KRIBB), Daejeon, Korea;
²Department of Pathology, Eulji University
School of Medicine, Daejeon, Korea;
³Department of Laboratory Medicine, Dankook
University College of Medicine, Chungnam, Korea.
*<hglee@kribb.re.kr>

Wednesday, July 23, 2008, 11:30 AM – 1:55 PM
Session [10], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

***Moraxella catarrhalis*-dependent tonsillar B cell activation does not lead to apoptosis but to vigorous proliferation resulting in non-specific IgM production**

Johan Jendholm*, Martin Samuelsson*, Lars-Olaf Cardell†, Arne Forsgren*, and Kristian Riesbeck*¹

* Medical Microbiology, Department of Laboratory Medicine and

† Laboratory of Clinical and Experimental Allergy Research, Department of Otorhinolaryngology, Malmö University Hospital, Lund University, SE-205 02 Malmö, Sweden. <johan.jendholm@med.lu.se>

Alloimmune Memory in the scleractinian reef corals *Stylophora pistillata* and *Acropora hemprichi*

Benyamin Rosental¹, Keren-Or Amar² and Dr. Baruch Rinkevich²

1- Department of Immunology and Microbiology, Ben-Gurion University, POB 653, Beer-Sheva, 84105, Israel, Phone: 972-8-6477282 Fax: 972-8-6477626;

2- Department of Oceanographic and Limnological Research, The National Institute of Oceanography, Haifa, Israel. <rosentab@bgu.ac.il>

Novel anti-cancer drug candidates which enhance the natural cytotoxicity of human primary NK cells

So Young Kim¹, Hyung-Ran Kim¹, Young-Keun Yang², Jinsung Tae², Jongsun Kim¹

¹Department of Microbiology and Brain Korea 21 Project for Medical Sciences, Yonsei University College of Medicine, Seoul, Korea

²Department of Chemistry, Yonsei University, Seoul, Korea. <byeong-a-ri@hanmail.net>

Wednesday, July 23, 2008, 11:30 AM – 1:55 PM
Session [10], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Specific immune response induced by a rabies
antigen-plant derived in maize**

Rojas-Anaya E^{1,2}, Esquivel-Guadarrama F³, Ramírez-Pliego O⁴,
Santana-Calderón A⁴, Loza-Rubio-E^{1,2}

1. Facultad de Medicina Veterinaria y Zootecnia.
Universidad Nacional Autónoma de México, México CP 04510, México.
 2. Centro Nacional de Investigaciones Disciplinarias en Microbiología
Animal, INIFAP. Carretera Federal México, Toluca Km. 15.5, Colonia, Palo Alto CP 05110, México.
 3. Facultad de Medicina, Universidad Autónoma de Morelos. Cuernavaca, Morelos, México.
 4. Facultad de Ciencias, Universidad Autónoma de Morelos. Cuernavaca, Morelos, México.
<edith_ra23@yahoo.com.mx>
-

**The amino-acid sequence motif acting on PKC-mediated
Natural Cytotoxicity Receptor surface expression**

Hyung-Ran Kim, Yong-Joon Chwae, Jongsun Kim*

Department of Microbiology and BK21 Project for school of
Medical Sciences Yonsei University College of Medicine, Seoul, Korea.
<purehr96@hanmail.net>

Wednesday, July 23, 2008, 2 PM – 3:30 PM
Session [11], Sala Blu

MODERATOR: Hee Gu Lee

**Mechanism of Alpha-1-Antitrypsin Induction of Tolerance during
Islet Allograft Transplantation**

Mark Mizrahi¹, Michel Toledano¹, Nathaniel DeFelice¹,
Charles A Dinarello² and **Eli C Lewis**¹

¹Clinical Islet Laboratory, Department of Clinical Biochemistry
at Ben Gurion University of the Negev, Israel and

²Division of Infectious Diseases, University of Colorado Health and
Sciences Center, Denver CO, USA. <lewis@bgu.ac.il>

The Role of Aire in Thymocyte Development and Autoimmunity

Francois-Xavier Hubert[#], Sarah A. Kinkel[#], Simon Forehan[#],
Kylie E. Webster, Pauline Crewther[#], Ping Cannon[#], Gayle M. Davey[#],
William R. Heath[#], Hamish S. Scott^o

[#] The Walter and Eliza Hall Institute, Melbourne, Australia

^oInstitute of Medical and Veterinary Science, Adelaide, Australia
<hubert@wehi.EDU.AU>

CDK-binding CKS2 is upregulated in gastric cancers

Jong-Tae Kim¹, Min Ah Kang¹, Eun Hwa Choi¹, Joo Heon Kim²,
Eun Young Song¹, Do Young Yoon³, **Hee Gu Lee**^{1*}

¹Stem Cell Research Center, Korea Research Institute of Bioscience and
Biotechnology (KRIBB), Daejeon, Korea;

²Department of Pathology, Eulji University School
of Medicine, Daejeon, Korea;

³Department of Bioscience and Biotechnology,
Konkuk University, Seoul 143-701, Korea.*<hglee@kribb.re.kr>

**Recombinant Glycoprotein Based Vaccine for
Chandipura Virus Infection**

Venkatesh Naidu CH.

Hepatitis Division, National Institute of virology, Pune, India.
<c_venkatesh777@yahoo.co.in>

Thursday, July 24, 2008, 9:30 AM – 10:15 AM
Session [12], Sala Blu

MODERATOR: Yvonne Paterson

FEATURED TALK

A “Complement”-ary AIDS Vaccine?

Heribert Stoiber

Department of Hygiene and Medical Microbiology,
Innsbruck Medical University, Innsbruck, Austria.
<heribert.stoiber@i-med.ac.at>

Friday, July 25, 2008, 9 AM – 10:30 AM
Session [13], Sala Blu

MODERATOR: Francesca Ferrera

Gene expression of TNF- α and ICAM-1 as novel markers for atherosclerosis in Egyptian hemodialysis patients

Laila H. El Sayed¹, Seham A. Abo-Shosha¹, Hossam E. Ghoneim¹,
Hanan A. Sabra¹, Nader M. Mowafy², Zaki E.A.³,
Sayed S. Hafez³, Abdel Rahman M.A.⁴

¹ Department of Immunology;

² Department of Internal Medicine, Medical Research Institute,
Alexandria University, Egypt;

³ Biotechnology Research Institute, Mubarak City for Research, Egypt;

⁴ Department of Hematology, Military Medical Academy, Egypt.
<lailaelsayed758@gmail.com>

Protection against Renal Disease in (Nzb X Nzw)F(1) Lupus-Prone Mice after Somatic B Cell Gene Vaccination with anti-DNA Immunoglobulin Consensus Peptide

Francesca Ferrera¹, Bevra H. Hahn², Marta Rizzi¹,
Marissa Anderson², John Fitzgerald², Enrico Millo³,
Francesco Indiveri¹, Fu-Dong Shi⁴,
Gilberto Filaci¹, Antonio La Cava².

¹ Department of Internal Medicine and Center of Excellence for
Biomedical Research, University of Genoa, Italy;

² Department of Medicine David Geffen School of Medicine,
University of California, Los Angeles, California, USA.

³ Department of Experimental Medicine and Center of Excellence for
Biomedical Research, University of Genoa, Italy;

⁴ Barrow Neurological Institute, St. Joseph's Hospital and
Medical Center, Phoenix, AZ 85013, USA. <fferrera@unige.it>

Characterisation of porcine Foxp3⁺ regulatory T cells

Tobias Käser, Wilhelm Gerner, Sabine E. Hammer,
Martina Patzl, Armin Saalmüller

Institute of Immunology, Department of Pathology,
University of Veterinary Medicine Vienna,
Veterinärplatz 1, 1210 Vienna, Austria
<tobias.kaeser@vu-wien.ac.at>

Friday, July 25, 2008, 9 AM – 10:30 AM
Session [14], Sala Piano

MODERATOR: Jorge Morales-Montor

Does influenza A virus-derived antigen persist in the host?

Justine D. Mintern, Gayle Davey, William R. Heath,
Stephen J. Turner, Peter C. Doherty

Department of Microbiology and Immunology,
The University of Melbourne, Parkville,
Victoria 3010, Australia. <jmintern@unimelb.edu.au>

**Immune sexual dimorphism: effect of gonadal steroids on the expression
of cytokines, sex steroid receptors, and lymphocyte proliferation**

Marco A. De León-Nava, Karen Nava, Gloria Soldevila,
José A. Vargas-Villavicencio Lorena López-Griego, Jesús R. Chávez-Ríos,
and **Jorge Morales-Montor**

Departamento de Inmunología, Instituto de Investigaciones Biomédicas,
Universidad Nacional Autónoma de México,
A.P. 70228, México D.F. 04510, México.
<jmontor66@biomedicas.unam.mx>

**Evaluation of PPAR- γ immunomodulatory role
in experimental *Leishmania major* infection.**

Pinheiro, CS¹; Luna, TG¹; **Villena, SN¹**; Nunes MP²; **Pinheiro RO¹**;
Takiya, CM³; DosReis GA¹ & Freire de Lima, CG¹.

¹Instituto de Biofísica Carlos Chagas Filho and

³Departamento de Histologia e
Embriologia, Universidade Federal do Rio de Janeiro,
Rio de Janeiro, RJ, Brazil.

²Fundação Oswaldo Cruz, Rio de Janeiro,
RJ, Brazil. <carlap@biof.ufrj.br>

Friday, July 25, 2008, 10:45 AM – 11:30 AM
Session [15], Sala Blu

MODERATOR: Young Yang

FEATURED TALK

**Immunotherapy of breast cancer using a live
recombinant bacterial vector**

Matthew Seavey, Reshma Singh, Zhen-Kun Pan,
Paulo Maciag and **Yvonne Paterson**

Department of Microbiology
University of Pennsylvania School of Medicine
Philadelphia, PA 19104, USA.
<yvonne@mail.med.upenn.edu>

Friday, July 25, 2008, 11:30 AM – 1:55 PM
Session [16], Sala Veranda

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

The respiratory pathogen *Moraxella catarrhalis* activates tonsillar B cells according to a two-signal model involving the IgD binding protein MID and TLR ligands

Johan Jendholm*, Lars-Olaf Cardell†, Arne Forsgren*, and Kristian Riesbeck*¹

*Medical Microbiology, Department of Laboratory Medicine and
†Laboratory of Clinical and Experimental Allergy Research,
Department of Otorhinolaryngology, Malmö University Hospital,
Lund University, SE-205 02 Malmö, Sweden. <johan.jendholm@med.lu.se>

Transducible form of serine protease inhibitor 6 (SPI6) enhances CTL response to Listeria and Adenovirus infection via protection of activated CD8⁺ T cells from self-inflicted damage

Jung-Hui Koo¹, Jee-Boong Lee², Hye-Young Chung³, In-Hak Choi³, Jun Chang² and Sang-Kyou Lee¹

¹Department of Biotechnology, College of Engineering, Yonsei University, 134 Shin-Chon Dong, Seo-Dae-Mun Gu, Seoul 120-749, Korea;

²Division of Life and Pharmaceutical Sciences, Ewha Womans University, 11-1 Dae-Hyun Dong, Seo-Dae-Mun Gu, Seoul 120-750, Korea;

³Department of Microbiology and Center for Viral Disease, College of Medicine, Inje University, 633-165 Gaegum-dong, Jin Gu, Busan 614-735, Korea. <proteome@hanmail.net>

Inhibition Of FasL Increased Coordinately Type 1 And Type 2 Immune Response During Trypanosoma Cruzi Infection

Guillermo, L.V.C.; Silva, E. M.; Ribeiro-Gomes, F.L.; De Meis, J.; Pereira, W.F.; Takiya C, DosReis, G.A.; Lopes, M.F.

Instituto de Biofísica Carlos Chagas Filho,
UFRJ- Rio de Janeiro-RJ, Brazil, <landi@biof.ufrj.br>

Friday, July 25, 2008, 11:30 AM – 1:55 PM
Session [16], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

Glutamine preferentially inhibits Th2 cell-mediated airway inflammation and late airway hyperresponsiveness through the inhibition of cytosolic phospholipase A₂ activity in a murine asthma model

Nam-In Kang, Zhe-Wu Jin, and **Hern-Ku Lee**

Department of Immunology,
Chonbuk National University Medical School,
Jeonju, Chonbuk,
561-182, Republic of Korea. <syim@chonnam.ac.kr>

The TGF- β -inducible early gene 1 (TIEG1) is an important mediator of allergic skin inflammation

Changjoon Bae, Miran Kim, Cheulkyu Kim, Byoungguk Kim, Sunbo Shim, Suhae Lee, Jisoon Sin, Jongmin Woo and Kabryong Chae

Division of Laboratory Animal Resources, National Institute of Toxicological Research, Korea FDA, Tongil-ro 194, Eunpyung-gu, Seoul 122-704, Korea.
<cjbae@kfda.go.kr>, <cjpae@hanmail.net>

Effects of maternal exposure to Penta-BDE on the development of the immune system in offspring C57BL/6J mice

Kyung Hee Sohn, **Soon Keun Hong**, In Young Kim, Jong Kwon Lee, Jung Hun Ju, Jin Ho Kim, Chae Hyung Lim, Hwa Chul Jung, Jin Yong Lee, Seung Hee Kim, Kui Lea Park

Immunotoxicology Division, National Institute of Toxicological Research, Korea Food and Drug Administration, Seoul, 122-704, Republic of Korea. <skhong96@kfda.go.kr>

Friday, July 25, 2008, 11:30 AM – 1:55 PM
Session [16], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

Development of edible vaccines in cereals against
West Nile Virus: I. Transformation

Gómez NL ^{1,2}, **Rojas-Anaya E** ^{1,2}, Olivera FT³,
Gómez-Lim MA ⁴, Loza-Rubio E ¹

1. CENID-Microbiología-INIFAP, Mexico,
2. Proyecto SAGARPA-CONACYT 2004-24;
3. Veterinary Faculty-UNAM; 3.
Chemistry Faculty-UNAM; 4. CINVESTAV-IPN,
Mexico. <edith_ra23@yahoo.com.mx>

**SP-adiponectin and SP-leptin fusion proteins affect THP-1
human macrophage cells to secrete inflammatory molecules**

Hyunju Park and Jongsun Kim

Department of microbiology and Brain Korea
21 Project for School of Medical Sciences,
Yonsei University College of Medicine, Korea.
<purehr96@hanmail.net>

**Identification of porcine lymphocyte subpopulation-specific
membrane proteins by 2D-Gelelectrophoresis**

Martina Patzl, Corinna Sedlak, Tobias Käser,
Wilhelm Gerner, Armin Saalmüller

Institute of Immunology, Department of Pathobiology,
University of Veterinary Medicine Vienna, Veterinärplatz 1,
1210 Vienna, Austria. <martina.patzl@vu-wien.ac.at>

Friday, July 25, 2008, 11:30 AM – 1:55 PM
Session [16], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Cell-mediated immunity following vaccinations with
synthetic oligosaccharide-protein conjugate**

**L. Paulovičová¹, E. Paulovičová¹, S. Bystrický¹,
A. A. Karelin², Yu. E. Tsvetkov², N. E. Nifantiev²**

¹Institute of Chemistry, Dept. Immunochemistry of Glycoconjugates,
Slovak Academy of Sciences, Bratislava, Slovakia;

²Zelinsky Institute of Organic Chemistry,
Russian Academy of Sciences, Moscow, Russia.

<chemluli@savba.sk>

Friday, July 25, 2008, 2 PM – 3:30 PM
Session [17], Sala Blu

MODERATOR: S.N. Villena

**Galactoxylomannan and glucuronoxylomannan from
Cryptococcus neoformans induce macrophage apoptosis
mediated by Fas ligand**

**Villena, SN¹; Pinheiro RO¹; Pinheiro, CS¹; Nunes MP²;
Takiya, CM³; Previato, JO¹; Mendonça-Previato L¹;
DosReis GA¹ & Freire de Lima, CG¹.**

¹Instituto de Biofísica Carlos Chagas Filho and ³Departamento de
Histologia e Embriologia, Universidade Federal do Rio de Janeiro,
Rio de Janeiro, RJ, Brazil. ²Fundação Oswaldo Cruz,
Rio de Janeiro, RJ, Brazil. <biosu@hotmail.com>

**Co-activator, p300-dependent transactivation of
B cell activating factor (BAFF) gene**

**Eun-Yi Moon, Jun-Hee Lee, Hyunsung Park,
and Do-Young Yoon**

^aLaboratory of Cell Biology, Department of Bioscience and
Biotechnology, Sejong University, Seoul 143-747,

^bKorea Research Institute of Bioscience and Biotechnology
(KRIBB), Taejeon 305-806, Korea

^cDepartment of Life Science, University of Seoul, Seoul 130-743, ^dDepartment of
Bioscience and Biotechnology, Konkuk University, Seoul, Korea.
<eunyimoon@sejong.ac.kr>, <eunyimoon@yahoo.com>

Saturday, July 26, 2008, 9 AM – 10:30 AM
Session [18], Sala Blu

MODERATOR: Joshy Jacob

Original antigenic sin responses to influenza viruses

Jin Hyang Kim and **Joshy Jacob**

Department of Microbiology & Immunology, Emory Vaccine Center,
Emory University, 954 Gatewood Rd, Atlanta, GA 30329 USA.
<joshy_jacob@microbio.emory.edu>

**Differential presentation of a self-peptide by HLA-B27
subtypes caused by citrullination**

Barbara Uchanska-Ziegler¹, Alessandra Beltrami¹, Maxim Rossmann²,
Maria Teresa Fiorillo³, Fabiana Paladini³, Rosa Sorrentino³,
Wolfram Saenger², Pravin Kumar¹, and **Andreas Ziegler**¹

¹Institut für Immungenetik, Charité – Universitätsmedizin Berlin,
Freie Universität Berlin, Berlin, Germany;

²Institut für Chemie und Biochemie/Kristallographie,
Freie Universität Berlin, Berlin, Germany;

³Dipartimento di Biología Cellulare e dello Sviluppo,
“Sapienza” Università di Roma, Roma, Italy. <bziegler@charite.de>

**Structural Studies of HLA-B14 and HLA-B27 subtypes
differentially associated with Ankylosing Spondylitis**

A. Ziegler¹, A. Vahedi-Faridi², E. Merino³, J. A. López de Castro³,
W. Saenger², A. Volz¹, **B. Uchanska-Ziegler**¹, and P. Kumar¹

¹Institut für Immungenetik, Charité - Universitätsmedizin Berlin, Berlin, Germany;

²Institut für Kristallographie, Freie Universität Berlin, Berlin, Germany;

³Centro de Biología Molecular Severo Ochoa,
Universidad Autónoma de Madrid, Madrid, Spain. <andreas.ziegler@charite.de>

Saturday, July 26, 2008, 9 AM – 10:30 AM
Session [19], Sala Piano

MODERATOR: Yanjun Wang

**Which Genes are Responsible for Autoimmune Thyroid
Associated Ophthalmopathy?**

Wescombe LE, Gopinath B, Wall JR

Department of Medicine, Nepean Clinical School,
University of Sydney, Nepean Hospital, Australia.
<leon@med.usyd.edu.au>

The Role of T cell subsets in Helicobacter pathogenesis

Ayca Sayi, Esther Kohler and Anne Müller

Institute of Molecular Cancer Research, University of Zurich
Winterthurerstrasse 190, 17K-76
CH-8057 Zurich, Switzerland. <sayi@imcr.uzh.ch>

**Proteasome inhibitor MG132 decreases CMV-specific
CD8+ T cell immune response**

**Yanjun Wang^{1,2}, Florian Kern², Markus Hammer³,
Hans-Dieter Volk², Susanna Prösch⁴, Bin Sun¹**

1. Institute for hepatitis, Beijing You An Hospital,
Capital Medical University, China
 2. Institute for medical immunology,
Charité - Berlin Medical University, Germany
 3. Department of Nephrology, Charité –
Berlin Medical University, Germany
 4. Institute for virology, Charité - Berlin Medical University, Germany.
Corresponding author: Bin Sun, Email: <sb5368@hotmail.com>
-

Saturday, July 26, 2008, 10:45 AM – 11:30 AM
Session [20], Sala Blu

MODERATOR: Justine D. Mintern

FEATURED TALK

**Production of CCL-20 was increased by differentiated OP9
culture medium in MDA-MB-231 cells**

Kun-yong Kim, Yeonah Choi, Jieun Hwang, and Young Yang

**Research Center for Women's Disease, Department of Life Science,
Sookmyung Women's University, Seoul 140-742, Korea.**

Saturday, July 26, 2008, 11:30 AM – 1:55 PM
Session [21], Sala Veranda

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Effects of Synuclein Proteins in the Proliferation,
Migration and Death of Cancer Cells**

Minkyung Koo, Saet-byul Lee, Jongsun Kim

Department of Microbiology and Brain Korea 21
Project for Medical Sciences,
Yonsei University College of Medicine, Seoul, Korea.
<proteome@hanmail.net>

**Involvement of Nitric oxide in the platelet-activating
factor-induced enhancement of resistance against systemic candidiasis**

Han-A Kim,¹ Hyun-Mi Ko,¹ Kyoung-Jin Kim,¹
Kyoung-Oh Cho,² and **Suhn-Young Im¹**

¹Department of Biological Sciences, College of Natural Sciences;
²College of Veterinary Medicine, Chonnam National University,
Gwangju, Republic of Korea.
<syim@chonnam.ac.kr>

**Identification of the amino acid sequence motif of
 α -synuclein responsible for the macrophage activation.**

Saet-Byul Lee, Keun Jae Ahn, Jongsun Kim

Department of Microbiology and Brain Korea 21 Project for Medical Sciences,
Yonsei University College of Medicine, Seoul, Korea.
<purehr96@hanmail.net>

Saturday, July 26, 2008, 11:30 AM – 1:55 PM
Session [21], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

Comparison of recombinant protein vaccines using Jembrana disease virus Capsid and Tat antigens delivered individually and as a single fusion protein.

Joshua R Lewis, Moira Desport,
Nining Hartaningsih and Graham E Wilcox

Murdoch University, Perth,
Western Australia. <josh_lewie@hotmail.com>

Modulation of macrophages pro-inflammatory functions by cytokine-expressing bacteria

M.J. Fernandez-Cabezudo¹, M. Mechkarska¹ and B.K. al-Ramadi²

Department of Biochemistry¹ and Medical Microbiology²,
Faculty of Medicine and Health Science,
UAE University, Al-Ain, UAE. <mariaac@uaeu.ac.ae>

Characterization of Annexin II as a tumor associated marker of hepatocellular carcinoma

Jong Wan Kim^a, Mi-Young Park^b, Na Young Ji^b, Hee Gu Lee^b,
Jae Wha Kim^b, Suk Ran Yoon^b, Jong Seok Lim^c, Young Yang^c,
Pyung-Keun Myung^d, Dae Ghon Kim^e, Do-Young Yoon^f, **Eun Young Song**^{b*}

^aDepartment of Laboratory Medicine, Dankook Medical School, CheonAn, Korea, ^bStem Cell Research Center, KRIBB, Daejeon 305-806, Korea, ^cDepartment of Biological Science Sookmyung Women's University, Seoul, 140-742, Korea, ^dCollege of Pharmacy and Research Center for Transgenic Cloned Pigs, Chungnam National University, Daejeon, 305-764, Korea, ^eDepartment of Internal Medicine, Chonbuk National University Medical School and Hospital, Jeonju 561-712, Korea, ^fDepartment of Bioscience and Biotechnology, Konkuk University, Seoul, Korea.
<eysong@kribb.re.kr>

Saturday, July 26, 2008, 11:30 AM – 1:55 PM
Session [21], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**Oxysterols have an anti-inflammatory function through
Liver X Receptor in rat brain astrocytes**

Chang Seok Lee

Dept. Pharmacology, Seoul National University College of Medicine,
28 Yeongeon-Dong, Jongno-Gu, Seoul, 110-799, Korea.
Tel: 82-2-740-8294, Fax: 82-2-745-7996, Email: <gostraight77@paran.com>.

**Influence of the Ixodes ricinus tick blood meal on the
antigen-specific antibody response in vivo**

B. Menten-Dedoyart, B. Couvreur, O. Thellin, P.V. Drion, M. Herry,
C. O. Jolois Van Lerberghe, L. Duwez, D. Zorzi and E. Heinen.

Department of Morphology and Immunology, Institute of Human Histology,
Faculty of Medicine, University of Liège, Belgium—www.ulg.ac.be/histohum.
Centre de recherche sur les protéines Prion (CRPP), University of Liege,
Avenue de l'Hôpital, 1, B-4000 Liege, Belgium Centre animalier universitaire - Animalerie centrale,
University of Liege, Avenue de l'Hôpital 3, B-4000 Liège, Belgium. <C.Dedoyart@ulg.ac.be>

Role of FasL+ DCs in Tolerance after Cord Blood Transplantation

Nadereh Naderi^{1,2}, **Ali Akbar Pourfathollah**^{1,3},
Kamran Alimoghaddam⁴, Seyed Mohammad Moazzeni^{1,3}

1. Department of Immunology, Tarbiat Modares University, Tehran, Iran.
 2. Institute for Biomedical Research, Hormozgan University of Medical Sciences, Bandar Abbas, Iran.
 3. Iranian Blood Transfusion Organization Research Center, Tehran, Iran.
 4. Hematology, Oncology and BMT Research Center, Tehran University of Medical Sciences, Tehran, Iran. <POURFA@modares.ac.ir>
-

Saturday, July 26, 2008, 11:30 AM – 1:55 PM
Session [21], Sala Veranda (continued from previous page)

NUTRITIONAL / COFFEE BREAK (11:30 AM – 12:30 PM)
POSTERS (12:30 PM – 1:55 PM)

**ASO-PCR based detection of T315I mutation in CML
patients treated with Imatinib mesylate (POSTER)**

Rashid Mir, Sudha Sazawal, Rekha Chobey, Bharti,
Anita Chopra, Bijender Bohra, Pravas Mishra,
Renu Saxena. <rashidaiims@gmail.com>

Department of Haematology, All India Institute of Medical Sciences,
Department of Biochemistry, Maulana Azad Medical College,
New Delhi, India.

**Expression and characterization of Pen b26 allergen of
Penicillium brevicompactum in *Escherichia coli***

M. Serdal Sevinc, Veena Kumar, Makonnen Abebe, Susantha Mohottalage,
Premkumari Kumarathanan, Renaud Vincent, and Hari M. Vijay

Healthy Environments and Consumer Safety Branch,
Health Canada, Ottawa, ON, Canada. <Serdal_Sevinc@hc-sc.gc.ca>

Saturday, July 26, 2008, 2 PM – 3:30 PM
Session [22], Sala Blu

MODERATOR: Jorge Morales-Montor

**Interplay between Interleukin-32 and Human
Immunodeficiency Virus**

Sahibzada T Rasool, Jianguo Wu, Ying Zhu

The State Key Laboratory of Virology
College of Life Sciences Wuhan University, Wuhan 430072,
Hubei, PR China. <peer001@gmail.com>

**Dehydroepiandrosterone treatment in vivo and in vitro
inhibits reproduction, growth and viability of the helminth
parasite *Taenia crassiceps***

José Antonio Vargas-Villavicencio, Carlos Larralde,
and **Jorge Morales-Montor**

Departamento de Inmunología, Instituto de Investigaciones
Biomédicas, Universidad Nacional Autónoma de México,
AP 70228, 04510 México D.F., México. <jmontor66@biomedicas.unam.mx>

The Impact of HIV/Aids and Poverty in Africa

Honorable Godfred Octere, Yaw Asante and Bright Kwanena Mensahl

The Ayensuano Constituency Project

P.O.Box C324, Cantoment Accra,
Ghana.<danmensah@justice.com>

OBSERVERS

Zinora Asgarali

University of the West Indies
Faculty of Medical Sciences
Trinidad West Indies
<zinoraa@yahoo.com>

Charles Borg

Immunology Section
Block B, Level 1
Pathology Department
Mater Dei Hospital
MALTA
<charles.m.borg@gov.mt>

Wolfgang Dick

Hein-Minkenberg-Str. 10
41462 Neuss
Germany
<Wolfgang_Dick@gmx.de>

Carel Dossetor

102 Glebe Avenue
Ottawa, Ontario
Canada, K15 2C3
<paul.mceachevn@sympatico.ca>

Aneliya Hristova Tsvetanska Dumanova

TUI Bulgaria - office Sofia
3, Moskovska Street
Sofia, Bulgaria
<elisaveta.dzhadzheva@tui.bg>

Atefehossadat Esmaelizadeh

23 Mahyar Alley, Shahrez Alley
1st Apadana Street
Isfahan, Iran 81656-63411

Alessandra Filardy

Alessandra D'Almeida Filardy, doutoranda
Laboratório de Biologia Imunitária
IBCCF, Bloco G, sala G038, UFRJ-CCS
Av. Carlos Chagas Filho, s/n
Cidade Universitaria, Ilha do Fundão
Rio de Janeiro, RJ
Brazil <filardy@biof.ufrj.br>

Fred Grinnell

Professor of Cell Biology
Room K-238
UT Southwestern Med Ctr, 5323 Harry Hines Blvd
Dallas, TX 75390-9039, USA
<frederick.grinnell@utsouthwestern.edu>

Liuba Grossman

North York General Hospital
4646 Dufferin Str.
Toronto, Ontario
M3H-554 Canada
<lgrossman11@hotmail.com>

Gideon Halperin

Israel Institute for Biological Research
P.O.Box 19, Ness-ziona
74100, Israel
Tel: 972-8-9381610, Fax: 972-8-9381761
<gid_hal@netvision.net.il>

Robert Hendricks

10251 N. Main Street
New Middletown, Ohio 44442
USA
Tel: 330-542-2315, Fax: 330-542-9700

Masato Ishida

Dept. Molecular and Cellular Biology
Nippon Boehringer Ingelheim Co., Ltd.
3-10-1 Yato, Kawanishi, Hyogo
JAPAN
Phone: +81-72-790-2893
Fax: +81-72-790-2429
<ishidam@kaw.boehringer-ingelheim.com>

Gayatri Kunwar

Social Technology and
Activities Research Centre Nepal
Post Box no 3963
Kathmandu, Nepal
<latter444@yahoo.com.sg>

Jacov Levy

Department of Pediatrics
Soroka Medica Center
Be'er Sheva
Israel 44101
<YakovL@clalit.org.il>

Qing Ma

1515 Holcombe Blvd. Unit 900
Houston, TX 77030
USA
<qma@mdanderson.org>

Seyed Hossein Mojtavavi Naeini

23 Mahyar Alley, Shahrez Alley
1st Apadana Street
Isfahan, Iran 81656-63411
<mamar_jan@yahoo.com>

Marjan Mojtavavi Naeini

Student, Molecular & Cellular Biology
Department of Genetics
University of Isfahan, Iran

Obinna E Osita-Oleribe

HIV/AIDS Programs Networks Coordinator
Centers for Disease Control and Prevention
Global HIV/AIDS Program - Nigeria
1st City Plaza, 3rd Floor, Herbert Macaulay Way
Abuja, Nigeria
Phone: +234.9.460.1600-29
Fax: +234.9.234.0804
Mobile: 08035473223
<droleribe@yahoo.com>

Naoko Ozaki

Dept. of Molecular & Cellular Biology
Nippon Boehringer Ingelheim Co.,Ltd.
Kawanishi Pharma Research Institute
3-10-1, Yato, Kawanishi,
Hyogo, 666-0193, Japan
Tel. +81-72-790-2267
Fax +81-72-790-2429
<ozakin@kaw.boehringer-ingelheim.com>

Sara Pliamm

North York General Hospital
4646 Dufferin Str.
Toronto, Ontario
M3H-554 Canada
<lgrossman11@hotmail.com>

Luc Renier

vzw C.I.G.B.
Psych. Centrum O.L.Vr. v. Vrede
Bruggestraat 57-59
8930 MENEN
Belgium
<renier.luc@telenet.be>

Alexandra Simniceanu

Health Canada
100 Eglantine Drive
Tunney's Pasture
AL 0603 B2, Ottawa
Ontario, KIA 0K9
Canada
<alexandra_simniceanu@hc-sc.gc.ca>
