

AEGEAN CONFERENCES

*Linking the international scientific community
Bringing the humanity scholars together*

2nd Conference on Autoimmunity: Mechanisms and Novel Treatments

**September 25-30, 2005
Nomikos Center
Santorini Greece**

GENERAL INFORMATION

Accommodations

All participants will be staying in the Santorini Image Hotel (A' class), which is located in Messaria, a short distance from Fira and 3 km from the airport.

Conference venue

The Nomikos Conference Center is located in Fira, the capital of Santorini, overlooking the Caldera and the Santorini volcano.

Oral Presentations

An LCD projector, a projector for 2x2 inches slides, and an overhead projector will be available for the oral presentations. Speakers are asked to bring their USB/CD or slides to the slide reception desk at least 30 minutes before the starting of the session.

Posters

Posters should be mounted Monday morning, September 25, on the designated boards and dismounted at the end of the meeting. The dimensions of the boards are 110W x 170H cm. Adhesive tape for mounting the posters on the boards will be available at the poster area.

Welcome Reception and Banquet

Badges are required for admission.

Island Tour

Buses for the city tour will be leaving from the Nomikos Center on Tuesday, September 27 at 12:30 p.m. The accompanying persons may be picked up at the Nomikos Center or otherwise at the Santorini Image Hotel. **Badges** are required for participation.

Lunches

Lunches will be served at the indicated times to all registered participants in the Nomikos Center. **Badges** are required for admission.

Tour and Travel Information

A desk operated by the personnel of our official Travel Agency, “**ERA Ltd.**”, 8 Alexandrou Soutsou Str., Kolonaki 10671 Athens – Greece
Tel.: 30-1-363-4944, FAX: 30-1-3631690, E-Mail: info@era.gr
will be located at the Nomikos Center and Santorini Image Hotel throughout the meeting.

The organizers gratefully acknowledge the generous help provided by Dimitrios Lambris in managing the organization of this meeting, and designing and publishing this program.

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2nd Conference on Autoimmunity:
Mechanisms and Novel Treatments
Sept. 25-30, 2005
The Nomikos Center
Santorini, Greece

ORGANIZING COMMITTEE

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PROGRAM OUTLINE

Sunday, September 25

Registration	5:00-8:00 PM	“Santorini Image Hotel”
Welcome Reception/Dinner	8:00 PM	“Santorini Image Hotel”

Monday, September 26

Breakfast	7:00 AM	“Santorini Image Hotel”
<i>The bus will depart from the “Santorini Image Hotel” at 8:00 AM</i>		
Registration	8:20 –1:45 PM	Nomikos Center
Organizers: Welcome and Opening Remarks	8:20 AM	Nomikos Center
Session I	8:30 AM	Nomikos Center
Coffee break	11:00 AM	Nomikos Center
Session II	11:30 AM	Nomikos Center
Lunch	1:45 PM	Nomikos Center
Dinner	8:00 PM	“Pyrgos”, Pyrgos
<i>The bus will depart from the “Santorini Image Hotel” at 7:30 PM</i>		

Tuesday, September 27

Breakfast	7:00 AM	“Santorini Image Hotel”
<i>The bus will depart from the “Santorini Image Hotel” at 8:15 AM</i>		
Session III:	8:30 AM	Nomikos Center
Lunch	11:00 AM	Nomikos Center
Island Tour	12:30 PM	

Wednesday, September 28

Breakfast	7:00 AM	“Santorini Image Hotel”
<i>The bus will depart from the “Santorini Image Hotel” at 8:15 AM</i>		
Session IV:	8:30 AM	Nomikos Center
Coffee break/ Poster Viewing	10:00 AM	Nomikos Center
Session V:	11:30 AM	Nomikos Center
Lunch	1:30 PM	Nomikos Center
Dinner	8:00 PM	“Selene, Fira”
<i>The bus will depart from the “Santorini Image Hotel” at 7:30 PM</i>		

Thursday, September 29

Breakfast	7:00 AM	“Santorini Image Hotel”
<i>The bus will depart from the “Santorini Image Hotel” at 8:15 AM</i>		
Session VI:	8:30 AM	Nomikos Center
Coffee break	11:00 AM	Nomikos Center
Session VII:	11:30 AM	Nomikos Center
Lunch	1:45 PM	Nomikos Center
Gala Dinner	8:00 PM	Nomikos Center
<i>The bus will depart from the “Santorini Image Hotel” at 7:30 PM</i>		

Friday, September 30

Breakfast	7:30 AM	“Santorini Image Hotel”
Departure		

PROGRAM

11:00 AM **Coffee Break**

Session II

Chairs: D Scott and M Mamula

- 11:30 AM **6** *Mechanisms of tolerance induction by B-cells expressing Ig fusion proteins: pre-clinical success in hemophilia and autoimmune models*
DW Scott, Y Jiang, TC Lei, Y Su, B Xu, and N Soukhareva
- 12:00 Noon **7** *T cell hyperactivity in lupus may be dictated by aberrant APCs*
C Mohan
- 12:30 PM **8** *B cells in experimental arthritis*
A Finnegan, SK O'Neill, Y Cao, and PD Doodles
- 1:00 PM **9** *Antigen trafficking in autoimmunity: the ABCs of APCs*
B Harvey, J Yan, and MJ Mamula
- 1:15 PM **10** *An insiders view of publishing at Nature Immunology*
L Dempsey
- 1:45 PM **Lunch**
- 8:00 PM **Dinner** “Pyrgos”, Pyrgos
The bus will depart from the “Santorini Image Hotel” at 7:30 PM

Tuesday, September 27

- 7:00 AM **Breakfast**
The bus will depart from the “Santorini Image Hotel” at 8:15 AM

Session III

Chairs: D Farber and M von Herrath

- 8:30 AM **11** *Multi-faceted regulation of memory CD4 T cells*
DL Farber, VR Mane, M Ndejemi, and DS Patke
- 9:00 AM **12** *Key cytokine in T cell homeostasis and autoimmunity*
C Surh, JY Lee, J Purton, J Tan, C Ramsey, and D Kim
- 9:30 AM **13** *Essential role of IL-10 in restricting immunity during a chronic viral infection*
M Ejrnaes and M von Herrath

- 10:00 AM **14** *CD40 induces TCR revision while promoting cell survival: a mechanism to promote autoimmunity*
DH Wagner
- 10:30 AM **15** *NK-DC intercourse during inflammation*
E Marcenaro, M Della Chiesa, S Sivori and A Moretta
- 11:00 AM **Lunch**
- 12:30 PM **Island Tour**

Wednesday, September 28

- 7:00 AM **Breakfast**
The bus will depart from the "Santorini Image Hotel" at 8:15 AM

Session IV

Chairs: T Thomas and D Wagner

- 8:30 AM **16** *BCR signals and tolerance in anti-insulin B cells*
JW Thomas and CA Acevedo-Suarez
- 9:00 AM **17** *MHC class II peptide chimeras for identification and down regulation of diabetogenic T cells*
S Casares
- 9:20 AM **18** *Clonal features of cellular and humoral immune responses to GAD65 in stiff person syndrome*
T Holmøy, G Skorstad, AL Karlsgot Hestvik, M Horn, P Torjesen, P Kierulf, and B Vandvik
- 9:40 AM **19** *Gene networks potentially implicated in pre-inflammatory condition in the NOD mouse: the role of the ETA-1 gene*
S Benabla, G Eisenbarth, and E Melanitou

10:00 AM **Coffee Break/Poster Viewing**

Session V

- 11:30 AM **20** *Limiting autoimmunity for fun and profit*
NR Rose, D Cihakova, and J Barin
- 12:00 Noon **21** *Impaired T cell PKC delta activation explains decreased ERK pathway signaling in idiopathic and hydralazine-induced lupus*

- G Gorelik, J Fang, and B Richardson
- 12:30 PM **22** *Transcriptional suppression of IL-2 in human SLE*
GC Tsokos
- 1:00 PM **23** *Appreciating the heterogeneity in autoimmune disease: multiparameter assessment of intracellular signaling mechanisms*
OD Perez and GP Nolan
- 1:30 PM **24** *Cell free DNA in autoimmunity, revisited*
XY Zhong, Y Li, I von Möhlenen, S Hristoskova, A Kang, A Tyndall, W Holzgreve, P Hasler, and S Hahn
- 1:30 PM **Lunch**
- 8:00 PM **Dinner** “Selene, Fira”
The bus will depart from the “Santorini Image Hotel” at 7:30 PM

Thursday, September 29

- 7:00 AM **Breakfast**
The bus will depart from the “Santorini Image Hotel” at 8:15 AM

Session VI

Chairs: G Tsokos and B Richardson

- 8:30 AM **25** *The structural and functional importance of deamidation of the dominant gliadin epitope in HLA-DQ8 associated celiac disease*
K Henderson, J Tye Din, D Van Heel, H Reid, J Rossjohn, J McCluskey, and R Anderson
- 9:00 AM **26** *Low C4 protein levels, low C4 gene dosages and deficiencies of complement C4A in human SLE*
Y Yang, EK Chung, YL Wu, B Zhou, S Savelli, Y Shu, M Hebert, A Aziz, L Hiremath, R Rice, HN Nagaraja, DJ Birmingham, BH Rovin, LA Hebert, and CY Yu
- 9:30 AM **27** *Down-regulation of diabetogenic T-cells by inhibitors of HMG CoA reductase*
T Brumeanu, S Casares, A Preda-Pais, and A Foster
- 10:00 AM **28** *B Cell Depletion therapy in SLE: Effect on Autoantibodies (AUAB) and Anti-Microbial Antibodies (AB)*
G Cambridge, MJ Leandro, MR Ehrenstein, DA Isenberg,

10:30 AM 29 JC Edwards, and M Teodorescu
The p40-deficient genotype reveals an IL-12/23-independent, pristane-triggered pathway leading to arthritis in mice
H Hess

11:00 AM **Coffee Break**

Session VII

Chairs: M Mamula and K Yasutomo

11:30 AM 30 *Notch signaling in mature T cell activation and Differentiation*

K Yasutomo

12:00 Noon 31 *Ifn- α induced expression of cell associated and soluble tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) by T cells from lupus patients with active disease*
V Rus, V Zernetkina, R Puliaev, C Cudrici, S Mathai, and CS Via

12:30 PM 32 *Oral FTY720 is highly effective in human multiple sclerosis (Phase ii): down-modulation of the g protein-coupled sphingosine 1-phosphate receptor-1*

V Brinkmann, D Guerini, M Matloubian, P Burtin, S Aradhye, Olga B Ristic, T Haas, A Korn, and L Kappos

1:00 PM 33 *Multiple sclerosis: idiotope specific T cells induce apoptosis of oligodendrocytes in vitro*

ALK Hestvik, F Vartdal, and T Holmoy

1:30 PM 34 *An extended phase I/III multicenter trial of T-cell vaccination in HIV-1 subtypes B and C infected patients*

R Abulafia-Lapid, Z Bentwich, S Mayan, Y Keren-Zur, IR Cohen, and H Atlan

1:45 PM **Lunch**

8:00 PM **Gala Dinner**

The bus will depart from the "Santorini Image Hotel" at 7:30 PM

Friday, September 30

7:30 AM **Breakfast**

Departure

Posters

- 35 ***Physicochemical studies of natural human IgG autoantibodies***
JD Dimitrov, S Lacroix-Desmazes, VR Doltchinkova, SV Kaveri, and TL Vassilev
- 36 ***Selective suppression of histone specific B cells and of disease activity in *ILupus aice* using a chimeric antibody***
N Mihaylova, A Tchorbanov, E Voynova, and T Vassilev
- 37 ***Expression of functional molecules of treg cells in T1D***
BK Nti, AM Alexander, S Bertera, AJ Styche, RJ Lakomy, M Trucco, and TD Zorina
- 38 ***IL-12 or IL-4 prime human natural killer cells to mediate functionally divergent interactions with dendritic cells or tumors***
E Marcenaro, M Della Chiesa, F Bellora, S Parolini, R Millo, L Moretta, and A Moretta
- 39 ***Selective suppression by a chimeric antibody of DNA-specific B cells from lupus patients***
T Voynova, I Tchorbanov, J Prechl, A Erdei, and T Vassilev
- 40 ***Demethylation of the inactive X chromosome predisposes women to the development of lupus***
Q Lu, L Tesmer, N Yousif, A Wu, and B Richardson
- 41 ***Natural autoantibodies and embryo/fetus development in humans***
AB Poletaev and AA Abrosimova
- 42 ***The founder mutation causing xeroderma pigmentosum in Iraqi Jews have occurred at least 1500 years ago***
M Korostishevsky, S Orgal, and H Slor
- 43 ***Bcl2 overexpression in T cells improves C.I.A in mice trough regulatory T cells***
SJ González, J Merino, E Tamayo, and R Merino
- 44 ***Idiotope specific t-b cell collaboration in multiple sclerosis***
T Holmoy, A Brunsvik Fredriksen, KM Thompson, B Bogen, AL Karlsgot Hestvik, and F Vartdal

2nd Conference on Autoimmunity: Mechanisms and Novel Treatments

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UPCOMING EVENTS

3rd International Conference on Pathways, Networks, and Systems: Theory and Experiments

Hilton Conference Center. Rhodes, Greece
October 2-7, 2005

Crossroads between Innate and Adaptive Immunity

Hilton Conference Center. Rhodes, Greece
October 9-14, 2005

1st International Conference on Osteoimmunology: Interactions of the Immune and Skeletal Systems

Aldemar: Knossos Royal Village. Crete, Greece
May 28-June 2, 2006

4th International Conference on Innate Immunity

Dassia Chandris Conference Center. Corfu, Greece
June 4-9, 2006

20 Years of Nonlinear Dynamics in Geosciences

Hilton Conference Center. Rhodes, Greece
June 11-16, 2006

3rd International Conference on Gene Regulation in Lymphocyte Development

Dassia Chandris Conference Center. Corfu, Greece
September 24-29, 2006

4th International Conference on Pathways, Networks, and Systems: Theory and Experiments

Royal Myconian Conference Center. Mykonos, Greece.
October 8-12, 2006

3rd International Conference on Tissue Engineering

Hilton Conference Center. Rhodes, Greece
May, 2007

4th Lymphocyte Signal Transduction Workshop

Hilton Conference Center. Rhodes, Greece
June, 2007

4th Workshop on Complement Associated Diseases, Animal Models, and Therapeutic

Porto Heli Conference Center. Porto Heli, Greece
June, 2007
