

THURSDAY, FEBRUARY 21, 2002

08:30 - 10:00

Hall A

PLENARY SESSION I

Chairpersons: **J. Kalden**, Germany
Y. Shoenfeld, Israel

- 08:30 ['AUTOIMMUNE DISEASES' 40th ANNIVERSARY: WHAT WAS RIGHT, WHAT WAS NOT, AND ALL THAT HAPPENED SINCE](#)
 I.R. Mackay, Australia
- 09:15 [REGULATORY T CELLS IN AUTOIMMUNE DISEASES: THE ROLE OF NON-Th2 CELLS. BASIC MECHANISMS AND THERAPEUTIC PERSPECTIVES](#)
 J-F. Bach, France
- 10:00 Coffee Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

10:30 - 12:30

Hall A

DEGENERACY AND MOLECULAR MIMICRY IN AUTOIMMUNITY

Supported by an unrestricted educational grant from Pharmacia Diagnostics, GmbH, Germany

Chairpersons: **E. Sercarz**, USA
H. Cantor, USA

- 10:30 [THE USES AND LIMITS OF DEGENERACY AND MIMICRY](#)
E. Sercarz, P. van den Elzen, V. Kumar, V. Bhardwaj, E. Maverakis, USA
- 10:45 [DIVERSITY OF PEPTIDES - MHC COMPLEXES RECOGNIZED BY THE 2C T-CELL RECEPTOR](#)
H.N. Eisen, USA
- 11:05 [EXPLORING T CELL SPECIFICITY WITH COMBINATORIAL PEPTIDE LIBRARIES](#)
D.B. Wilson, USA
- 11:25 [AUTOIMMUNITY DISEASE: TOO MUCH DIVERSITY OR TOO LITTLE REGULATION?](#)
H. Cantor, USA
- 11:45 [EPITOPE SPREADING AND MOLECULAR MIMICRY AS TRIGGERS OF AUTOIMMUNITY IN THEILER'S VIRUS INFECTION](#)
S. Miller, J. Olson, L. Croxford, USA
- 12:00 [MOCKING MIMICRY: ENCEPHALITOGENIC T CELLS INDUCED BY RELATED CHLAMYDIA AND MYELIN EPITOPES EXHIBIT DISTINCT RECOGNITION PATTERNS](#)
S. Conant, D. Lenz, N. Wolf, J. Whittum-Hudson, A. Hudson, **R. Swanborg**, USA
- 12:10 [ANTIGENIC MIMICRY OF PEPTIDES FROM HLA-B27 AND CYTOKERATIN AND INDUCTION OF DISEASE IN RATS - A PATHOMECHANISM FOR ANKYLOSING SPONDYLITIS?](#)
G. Wildner, M. Diedrichs-Moehring, Germany
- 12:20 [INFECTION INDUCED BY-STAND STIMULATION AS A MECHANISM OF ORGAN SPECIFIC AUTOIMMUNITY](#)
D. Oble, S-J. Teh, J. Dutz, H-S. Teh, Canada
- 12:30 Lunch Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

10:30 - 12:30

Hall B

NEW TREATMENT PRINCIPLES FOR RA AND OTHER CONDITIONS

Supported by an unrestricted educational grant from Schering-Plough Pharmaceuticals, USA

Chairpersons: **J. Kalden**, Germany
J. Smolen, Austria

- 10:30 [PRINCIPLES OF CYTOKINE BLOCKADE IN RHEUMATIC DISEASES](#)
F.C. Breedveld, The Netherlands
- 10:50 TNF-ALPHA BLOCKADE IN PSORIATIC ARTHRITIS AND OTHER AUTOIMMUNE DISEASE
J. Sieper, Germany
- 11:10 SAFETY ISSUES OF TNF-ALPHA BLOCKADE
C. Antoni, Germany
- 11:30 FUTURE TARGETS FOR RA THERAPY
J.S. Smolen, Austria
- 11:50 [OSTEOPROTEGERIN AND RECEPTOR ACTIVATOR NUCLEAR FACTOR KAPPA B - LIGAND EXPRESSION IN RHEUMATOID ARTHRITIS PATIENTS AND CONTROLS](#)
A. VanderBorgh, L. Linsen, M. Thewissen, P. Geusens, J. Raus, P. Stinissen, Belgium
- 12:00 [ARREST OF ADJUVANT ARTHRITIS PROGRESS BY A CD64-DIRECTED IMMUNOTOXIN IN HUMAN CD64 TRANSGENIC RATS](#)
A.J. Van Vuuren, T. Thepen, V. Walraven, I. Stuij, J.A.G. Van Roon, J.G.J. Van De Winkel, The Netherlands
- 12:10 [INHIBITION OF AUTOIMMUNE JOINT INFLAMMATION IN MICE BY AN ANTAGONIST OF THE SDF-1 CHEMOKINE RECEPTOR CXCR4](#)
P. Matthys, S. Hatse, K. Vermeire, A. Wuyts, G. Bridger, G. Henson, E. De Clercq, A. Billiau, D. Schols, Belgium, Canada
- 12:20 [ABERRANT EXPRESSION OF THE AUTOANTIGEN hnRNP-A2/RA33 IN THE JOINTS OF PATIENTS WITH RHEUMATOID ARTHRITIS AND IN TNF \$\alpha\$ TRANSGENIC MICE - A CLUE TO AUTOIMMUNITY?](#)
S. Hayer, M. Tohidast-Akrad, G. Schett, K. Skriner, H. El Gabalawy, L. Isabaloglou, G. Kollias, J. Smolen, G. Steiner, Austria, Canada, Greece
- 12:30 Lunch Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

10:30 - 12:30

Hall C

ENVIRONMENTAL TRIGGERS OF AUTOIMMUNE DISEASE

*Supported by an unrestricted educational grant from
American Autoimmune Related Diseases Association, Inc.*

Chairpersons: **N.R. Rose**, USA
H. Tlaskalova-Hogenova, Czech Republic

- 10:30 [CHEMICAL-SPECIFIC PROPERTIES CO-DETERMINE THE TYPE OF ADVERSE IMMUNE RESPONSE](#)
R. Pieters, J. Ezendam, R. Bleumink, R. Albers, M. Bol, S. Nierkens, The Netherlands
- 10:50 [IMMUNOPATHOLOGICAL MANIFESTATIONS INDUCED BY MERCURY OR GOLD IN THE RAT](#)
P. Druet, A. Saoudi, G. Fournie, **L. Pelletier**, France
- 11:10 [AN ENVIRONMENTAL TRIGGER OF THYROIDITIS](#)
N.R. Rose, R. Bonita, C.L. Burek, USA
- 11:30 [THE ROLE OF ENVIRONMENTAL ANTIGENS AND MUCOSAL IMMUNITY IN DEVELOPMENT OF AUTOIMMUNITY: GNOTOBIOLOGICAL MODELS](#)
H. Tlaskalova-Hogenova, F. Powrie, R. Stepankova, T. Hudcovic, L. Tuckova, E. Verdu, D. Sokol, B. Cukrowska, H. Kozakova, Z. Rehakova, J. Sinkora, T. Hrnecir, D.P. Funda, P. Bercik, P. Michetti, E. Hornquist, P. Bland, J. Cebra, Czech Republic, UK, Canada, USA, Sweden
- 11:50 [INTERACTIONS BETWEEN MERCURY AND EXPERIMENTAL AUTOIMMUNE DISEASE](#)
E. Silbergeld, I. Silva, P. Nguyen, D. Hoover, M. Lustberg, C. Via, USA, Portugal
- 12:00 [MERCURY EXPOSURES AND PREVALENCE OF SERUM AUTOANTIBODIES ana/anoa IN AMAZON POPULATIONS IN BRAZIL](#)
I. Silva, A. Gorman, A. Perisse, A.M. Ventura, E.C.O. Santos, L. Burek, N.R. Rose, USA, Brazil
- 12:10 [IgA NEPHROPATHY: AN AUTOIMMUNE CHARACTER OF THE DISEASE](#)
J. Mestecky, J. Novak, B.A. Julain, M. Timana, USA
- 12:20 [IDENTIFICATION OF MITRAL VALVE PROTEINS AS TARGET ANTIGENS FOR HEART INFILTRATING T CELL IN RHEUMATIC HEART DISEASE](#)
L. Guilherme, D. Diefenbach Da Silva, K. Fae, S.E. Oshiro, E. Cunha-Neto, A.C. Tanaka, J. Kalil, Brazil
- 12:30 Lunch Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

14:00 - 16:00

Hall A

RHEUMATOID ARTHRITIS - NOVEL TARGETS DEFINED BY GENE THERAPY

Supported by an unrestricted educational grant from Amgen (Europe) AG, Switzerland

Chairpersons: **S. Gay**, Switzerland
K. Nishioka, Japan

14:00 THE CYTOKINE NETWORK IN RA
J.M. Dayer, Switzerland

14:20 [ADOPTIVE CELLULAR GENE THERAPY OF AUTOIMMUNE DISEASE](#)
G. Fathman, USA

14:40 TARGETING APOPTOSIS BY GENE TRANSFER
K. Nishioka, Japan

15:00 [CELLULAR PATHWAYS TARGETED BY ANTISENSE, dn MUTANTS AND RIBOZYMES](#)
S. Gay, Switzerland

15:20 [PLASMID DNA VACCINES ENCODING PROINFLAMMATORY CYTOKINES/CHEMOKINES AMPLIFY A PRE-EXISTING REGULATORY NETWORK TO SUPPRESS T CELL MEDIATED AUTOIMMUNITY](#)
N. Karin, S. Youssef, G. Wildbaum, Israel

15:40 [RAPID AND HIGHLY EFFICIENT NON-VIRAL GENE TRANSFER INTO UNSTIMULATED HUMAN PRIMARY CELLS](#)
C. Thiel, K. Rothmann, **M. Nix**, G. Siebenkotten, Germany

15:50 [INFLUENCE OF IL4-ADENOVIRAL GENE TRANSFER ON CHRONIC PANCREATITIS IN A RAT MODEL](#)
P. Brock, G. Sparmann, R. Jaster, S. Liebe, T. Ritter, J. Emmrich, Germany

16:00 Coffee Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

14:00 - 16:00

Hall B

INFECTION, REGULATION AND IMMUNE MODULATION IN AUTOIMMUNITY

Supported by an unrestricted educational grant from Aventis Pharma International

Chairpersons: **J. Kalil**, Brazil
M. Blank, Israel

- 14:00 [PROTECTIVE AUTOIMMUNITY AS A PHYSIOLOGICAL RESPONSE TO CENTRAL NERVOUS SYSTEM INSULT: PROSPECTS FOR THERAPEUTIC VACCINATION AGAINST NEURODEGENERATIVE DISORDERS](#)
M. Schwartz, Israel
- 14:20 [RHEUMATIC FEVER: MOLECULAR MIMICRY AND ANTIGEN-SPECIFIC RECOGNITION BY HEART INFILTRATING T CELLS](#)
J. Kalil, K. Fae, D. Diefenbach Da Silva, S.E. Oshiro, A.C. Tanaka, L. Guilherme, Brazil
- 14:40 [THE INFECTIOUS ORIGIN OF THE ANTIPHOSPHOLIPID SYNDROME: INDUCTION BY PASSIVE TRANSFER OF ANTI-b2GPI ANTIBODIES INDUCED BY COMMON BACTERIA](#)
M. Blank, I. Krause, M. Fridkin, N. Keller, Y. Shoenfeld, Israel
- 15:00 INFECTION AND ATHEROSCLEROSIS
J.A. Ramires, Brazil
- 15:15 THE C-TERMINAL SMD1 PEPTIDE REPRESENTS AN IMPORTANT AUTOEPI TOPE IN SLE
(Supported by an unrestricted educational grant by Imtec Immundiagnostika GmbH, Germany)
F. Hiepe, Germany
- 15:30 [CHARACTERIZATION OF CD4 CD25 REGULATORY T CELLS IN HUMAN BLOOD, CORD BLOOD AND THYMUS](#)
K. Wing, H. Karlsson, A. Rudin, E. Suri-Payer, Sweden
- 15:40 [SELECTIVE REQUIREMENT FOR CD40-CD154 IN DRUG-INDUCED TYPE-1 VERSUS TYPE-2 RESPONSES](#)
S. Nierkens, P. Van Helden, M. Bol, R. Bleumink, P. Van Kooten, S. Ramdien-Murli, L. Boon, R. Pieters, The Netherlands
- 15:50 [ADENOVIRUS EXPRESSION OF IL-4 OR IL-10 DISRUPTS VB8.2 TCR CENTERED REGULATION OF EAE](#)
T. Braciak, E. Ward, F. Graham, J. Gaudie, E. Sercarz, V. Kumar, USA, Canada
- 16:00 Coffee Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

14:00 - 16:00

Hall C

**STEM CELL THERAPY IN AUTOIMMUNE DISEASE - IMMUNO-ABLATION / IMMUNOSUPPRESSION
OR IMMUNOTINKERING?**

Supported by an unrestricted educational grant from Amgen (Europe) AG, Switzerland

Chairpersons: **A. Tyndall**, Switzerland
A. Marmont, Italy

14:00 [HAEMATOPOIETIC STEM CELL TRANSPLANTATION \(HSCT\) FOR SEVERE AUTOIMMUNE DISEASE - AN UPDATE OF RESULTS AND PLANNED TRIALS](#)
A. Tyndall, Switzerland

14:20 [ALLOGENEIC STEM CELL TRANSPLANTATION FOR AUTOIMMUNE DISEASES: FUTURE DIRECTIONS](#)
A. Marmont, Italy

14:40 [LONG TERM IMMUNE RECONSTITUTION AFTER IMMUNOABLATION AND AUTOLOGOUS CD34 CELL THERAPY IN AUTOIMMUNE DISEASES](#)
A. Thiel, T. Alexander, E. Gromnica-Ihle, G.R. Burmester, F. Hiepe, R. Arnold, **A. Radbruch**, Germany

15:00 MESENCHYMAL STEM CELLS - IMMUNO-REGULATORS?
A. Bacigalupo, Italy

15:20 Discussion

16:00 Coffee Break, Exhibition and Poster Viewing

THURSDAY, FEBRUARY 21, 2002

16:30 - 18:00

Hall A

AUTOANTIBODIES: YOU CAN MEASURE THEM, BUT WHAT DO THEY MEAN?

Supported by an unrestricted educational grant from Pharmacia Diagnostics GmbH, Germany

Chairpersons: **A. Tyndall**, Switzerland
D. Jayne, UK

16:30 [ANCA IN VASCULITIS DIAGNOSIS AND MANAGEMENT - USE AND LIMITS](#)
D. Jayne, UK

16:45 [IMMUNOLOGY OF DNA](#)
O.P. Rekvig, Norway

17:00 [ANTI-CARDIOLIPIN AND ANTI-BETA2-GLYCOPROTEIN I ANTIBODIES: APPLICATION IN THE CLINIC](#)
T. Koike, Japan

17:15 [AUTOANTIBODIES AND PARANEOPLASTIC DISEASE](#)
A. Tyndall, Switzerland

17:30 [DOUBLE-STRANDED DNA ANTIBODIES AND/OR C1Q ANTIBODIES IN RENAL SLE: QUO VADIS?](#)
M. Ehrenstein, UK

17:45 [EFFICACY OF AUTOANTIBODY SCREENING IN THE CLINIC](#)
A. Sturgess, Australia

THURSDAY, FEBRUARY 21, 2002

16:30 - 18:00

Hall B

ALLERGY, DRUGS AND AUTOIMMUNITY

Supported by an unrestricted educational grant from Aventis Pharma AG, Switzerland

Chairpersons: **W.J. Pichler**, Switzerland
M. Ostensen, Switzerland

- 16:30 [DRUG INDUCED AUTOIMMUNITY: NEW CONCEPTS](#)
W.J. Pichler, S. Von Greyerz, P. Villiger, Switzerland
- 16:50 [ANALYSIS OF GLYCOLIPID SPECIFIC T CELL RESPONSES AND OTHER APPLICATIONS FOR CD1-TETRAMERS](#)
S. Gadola, Switzerland, UK
- 17:10 [THYROID AUTOIMMUNITY AMONG PATIENTS WITH CHRONIC URTICARIA](#)
A. Manikas, Greece
- 17:30 [IMPAIRMENT OF TRANSFORMING GROWTH FACTOR beta-SIGNALING IN T-CELLS ENHANCES ANTIGEN INDUCED AIRWAY REACTIVITY AND PRODUCTION OF IL-13](#)
C. Schramm, U. Herz, M. Protschka, H. Kohler, P. Galle, A. Lohse, M. Blessing, Germany
- 17:40 [INTERFERON-GAMMA ABROGATES TIGHT JUNCTION STRUCTURE AND FUNCTION IN PRIMARY CULTURED HUMAN THYROID EPITHELIAL CELLS](#)
S. Tedelind, M Nilsson, L. Ericson, Sweden
- 17:50 Discussion

THURSDAY, FEBRUARY 21, 2002

16:30 - 18:00

Hall C

THE PROMISE OF HEMATOPOIETIC STEM CELL TRANSPLANTATION (HSCT) FOR AUTOIMMUNITY
Supported by an unrestricted educational grant from Sangstat, USA

Chairpersons: **R. Burt**, USA
A. Marmont, Italy

16:30 TOLERANCE AND REGULATORY T CELLS AND AUTOIMMUNITY
A. Coutinho, Portugal

16:50 HSCT FOR LUPUS
A.E. Traynor, USA

17:10 [AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANTATION FOR REFRACTORY CROHN'S DISEASE](#)

R. Craig, Y. Oyama, A. Traynor, M. Brush, J. Rodriguez, K. Bracy, R. Burt, USA

17:30 [PLASTICITY OF HEMATOPOIETIC STEM CELLS: ENOUGH FOR TOLERANCE INDUCTION AND ISLET CELL REGENERATION?](#)

R. Burt, N. Kenyon, B. Metzger, W. Lowe, Y. Oyama, A. Traynor, USA

17:50 [INTERLEUKIN-4 in vivo CONTRIBUTES TO THE ONSET OF AUTOIMMUNE DISEASE](#)

L.C. Foote, J.M. Cifuni, K.A. Zaramba, M.C. Siracusa, USA