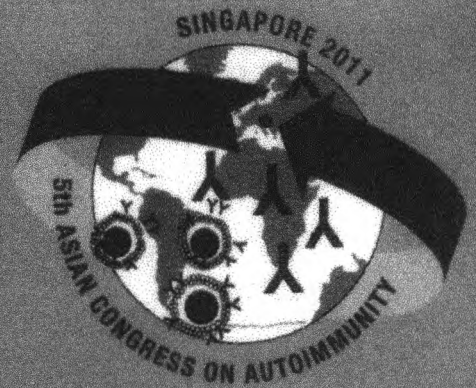
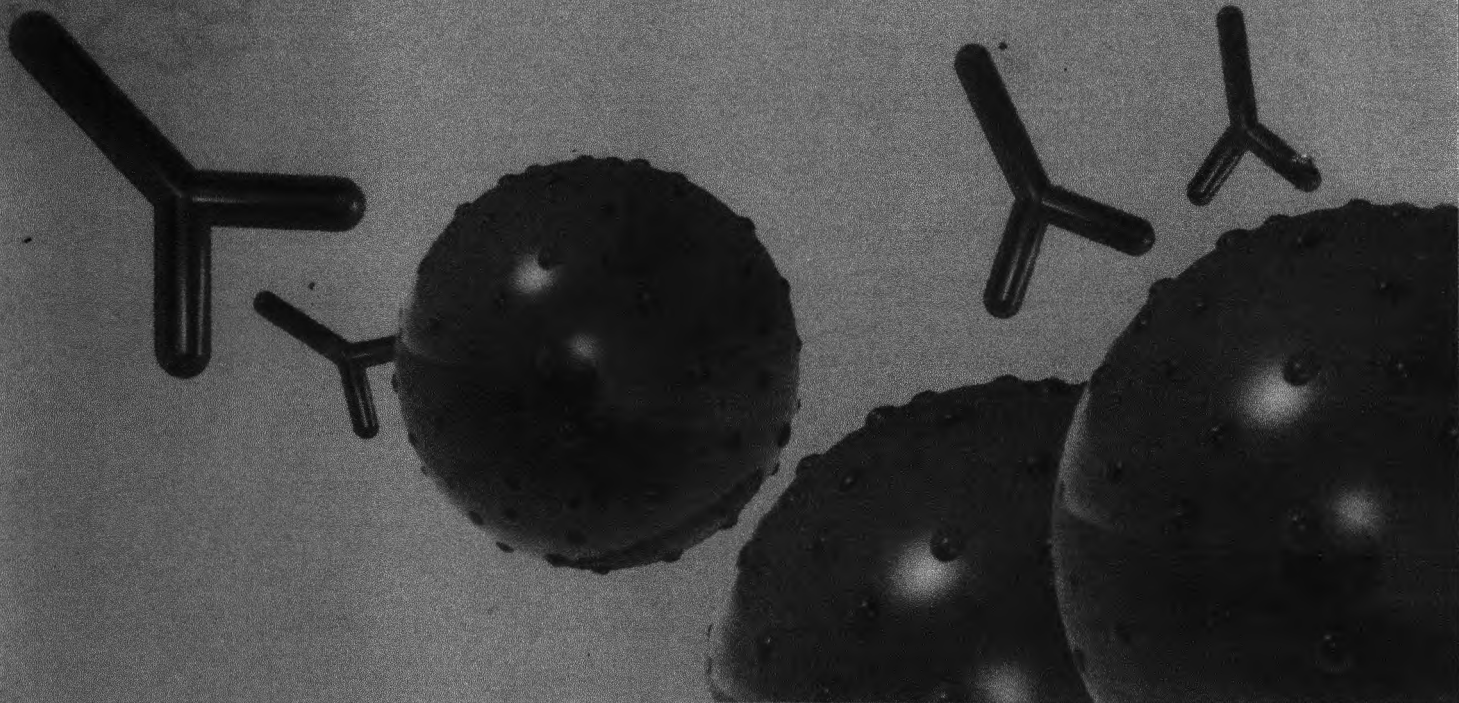


ACA

Autoimmunity Congress Asia
Singapore 17-19 November, 2011



ABSTRACTS



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Presenter	Presentation
Adib, K	<u>PROCALCITONIN: A MARKER OF NEONATAL SEPSIS</u>
Aggarwal, A	<u>CROSS TALK BETWEEN OXIDATIVE STRESS AND NK CELLS IN RHEUMATOID ARTHRITIS</u>
Ahamed, M	<u>EFFECT OF TAMOXIFEN THERAPY ON BLOOD LEVELS OF ANTI NUCLEAR ANTIBODIES</u>
Ainut Y	<u>THE FREQUENCY OF ANTI-SM ANTIBODIES AMONG PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS (SLE) IN MALAYSIA.</u>
Akmal, S	<u>ONTOGENIC DETENTION IN FOXP3⁺ THYMOCYTE-DEVELOPMENT CAUSES AUTOIMMUNE GASTRITIS IN CD3Z-DEFICIENT MICE</u>
Al-Abad, B	<u>SECONDARY SJOGREN'S SYNDROME IN FEMALE. IMMUNOLOGICAL AND HORMONAL STUDY</u>
Al-F	<u>THE ROLE OF APOPTOTIC PROTEINS IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSIS</u>
Al-F	<u>DETECTION OF IGG ANTI- B2 GLYCOPROTEIN-I ANTIBODIES IN SAUDI PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSIS</u>
Al-Iduf, S	<u>AUTOINFLAMMATORY DISEASES IN SAUDI CHILDREN</u>
Al-Mofosoul, F	<u>COMPARISON OF THE NUMBER AND PHONOTYPE OF THE PERIPHERAL BLOOD T CELLS IN THE CELIAC PATIENTS AND CONTROLS</u>
Al-Nath, A	<u>EVALUATION OF ANTIOXIDANT EFFECT OF 6,7-DIMETHYLESCULETIN IN EXPERIMENTAL ANTIPHOSPHOLIPID SYNDROME IN MOUSE MODEL</u>
Al-Ofraan, Z	<u>INHIBITION OF NITRIC OXIDE PRODUCTION AND PROINFLAMMATORY CYTOKINES BY SEVERAL MEDICINAL PLANTS</u>
Al-Zadeh Haghighi, S	<u>FATIGUE IN CANCER PATIENT UNDERGOING CHEMOTHERAPY</u>
Al-T	<u>CLINICAL UTILITY OF PHOSPHATIDYLSERINE DEPENDENT ANTIPROTHROMBIN ANTIBODIES</u>
Al-A	<u>A CASE REPORT: A SCLERODERMA PATIENT WITH SEVERE INTERSTITIAL LUNG DISEASE</u>
Al-M	<u>TNF-ALPHA INHIBITS AQUAPORIN-5 EXPRESSION IN HUMAN SALIVARY GLAND ACINAR CELLS VIA SUPPRESSION OF HISTONE H4 ACETYLATION</u>

Presentations

AUTOREACTIVE PANCREATITIS - CASE REPORT FROM A PATIENT IN SLOVENIA

IDENTIFICATION OF AUTOANTIGENS IN A PATIENT WITH VOGT-KOYANAGI-HARADA DISEASE

THE EXPRESSION OF ADHESION MOLECULES (ICAM-1, VCAM-1 AND L-SELECTIN) ON
SYNOVIAL TISSUE OF COLLAGEN-INDUCED ARTHRITIS (CIA) RATS

T-B CELL-DEPENDENT INTERFERON- α PRODUCTION BY NEUTROPHILS IN RESPONSE TO A
MURINE LUPUS AUTOANTIGEN

ACTIVATED PROTEIN C INCREASES MONOCYTIC TRANSFORMING GROWTH FACTOR (TGF)- β 1
THAT DAMPENS PRO-INFLAMMATORY INTERLEUKIN 17 SECRETING CD4+ T HELPER CELLS

MACROPHAGE ACTIVATION SYNDROME ASSOCIATED WITH ADULT ONSET STILL'S DISEASE
IN A 29 YEAR OLD MALE PRESENTING WITH JAUNDICE

ROLES OF OPN AND IL-17 IN T-CELL-MEDIATED LIVER INJURY

TREATMENT OF DEXAMETHASONE AMELIORATES IMIQUIMOD-INDUCED PSORIASIS IN MICE

THE EXPRESSION OF ADHESION MOLECULES (ICAM-1, VCAM-1 AND L-SELECTIN) ON SYNOVIAL TISSUE OF COLLAGEN-INDUCED ARTHRITIS (CIA) RATS

E. Darwin

Histology/Immunology, Faculty of Medicine, Andalas University, Padang, Indonesia

Introduction: Rheumatoid arthritis (RA) is a systemic autoimmune disease of still-unknown etiology characterized by proliferation of synovial tissue and accumulation of inflammatory cells in inflamed joints. Synovial cells are markedly activated by cytokines and adhesion molecules, resulting hyperplasia of the synovial tissue. However, the role of adhesion molecules in active inflammatory processes in RA remains unclear.

Aim: The aim of this study was to explore the expression of adhesion molecules (ICAM-1, VCAM-1 and L-selectin) in initiation, active and chronic phases of rheumatoid arthritis in animal model.

Methods: This study was performed on the joint of the collagen-induced arthritis (CIA) rats. Samples were taken from the animals hind paw for paraffin sections. The haematoxylin eosin staining were applied on the section to confirm the histopathologic appearance of the rheumatoid arthritis phases. Indirect immunohistochemical staining method was used to determine the expression of the adhesion molecules (ICAM-1, VCAM-1 and L-selectin).

Results: Histologically, the joint tissues showed confirmed appearance with the phases of RA. Laboratory test for rheumatoid factor (RF) showed seronegative titer in all group. Using Kruskal-Wallis, Anova and LSD test, it was found that there was significant difference between the expression of ICAM-1, VCAM-1 and L-selectin on synovial tissue of the initiation, active and chronic phases of RA in compared to control group. It seem to be predominate in active phase and initiation and chronic phases of RA.

Conclusion: It is suggested that adhesion molecules (ICAM-1, VCAM-1, L-selectin) may indicate they relative importance in mediating active inflammation within joint.

Why is this paper novel? Adhesion molecules (ICAM-1, VCAM-1 and L-selectin) play a role in inflammatory process of rheumatoid arthritis. This result may inform available phase of rheumatoid arthritis which become anti-cytokine therapy

THE EXPRESSION OF ADHESION MOLECULES (ICAM-1, VCAM-1 AND L-SELECTIN) ON SYNOVIAL TISSUE OF COLLAGEN-INDUCED ARTHRITIS (CIA) RATS

Eryati Darwin
Faculty of Medicine Andalas University
Padang-Indonesia

Introduction

Rheumatoid arthritis (RA)

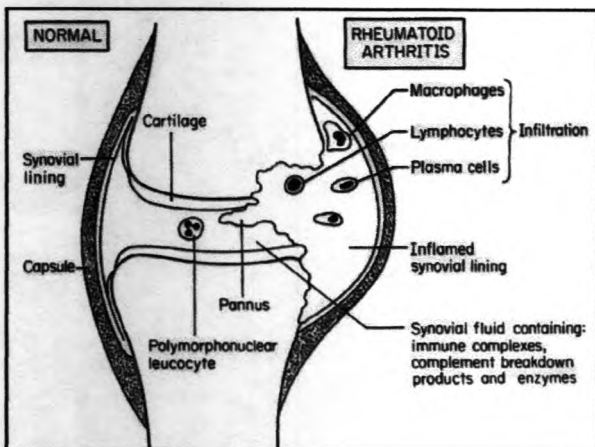
- systemic autoimmune disease of still-unknown etiology
- characterized by proliferation of synovial tissue
- accumulation of inflammatory cells in inflamed joints.
- Synovial cells are markedly activated by cytokines and adhesion molecules

Histopathological appearance (1)

- Abnormalities of structure and function of the synovium : synovitis
- in the early of disease: prominent tissue edema, vascular proliferation, hyperplasia of the synovial lining and inflammatory cell infiltrate the sublining layer
- In acute phase: PMN migrate together with edema fluid into the synovial cavity, infiltrate synovial tissue, growth the fibrovascular granulation tissue: pannus

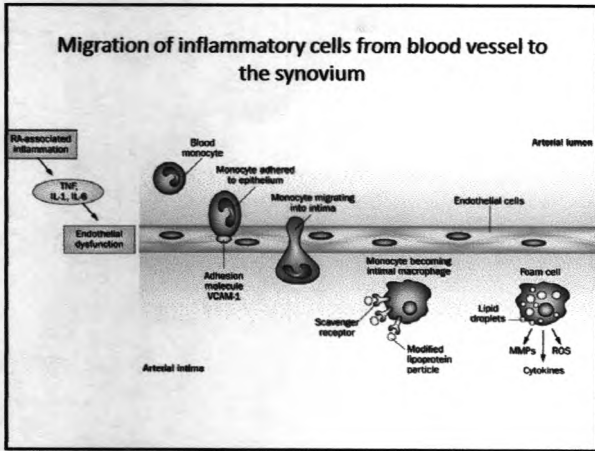
Histological appearance (2)

- In chronic and progressive disease: pannus invasive to the joint cartilage and bone, cause erosion of joint cartilage
- Subintima layer infiltrated by mononuclear cells (B and T lymphocytes, macrophages and plasma cells) forming the active lymph node follicles so its suggest that the immunoglobulin synthesized in this tissue.



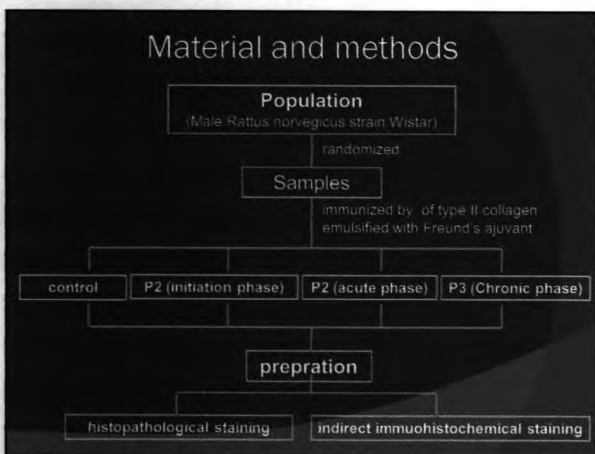
Pathogenesis

- Partially unknown
- Role of genetics and non genetics : the joints, joint cartilage, synovium, cytokines
- Immunological process :
 - inflammatory response to self antigen (arritogenic) cause T lymphocytes spontaneously out of the blood vessels
 - activate the expression of adhesion molecules ICAM-1 and VCAM-1 in endothelial cells of blood vessels
 - Migration of inflammatory cells



The Aim of Study

- to explore the expression of adhesion molecules (ICAM-1, VCAM-1 and L-selectin) in initiation, active and chronic phases of rheumatoid arthritis.



Results

CIA rats	Swelling of the joints	Histological appearance
Initiation phase of RA	No swelling	slightly thickened synovial tissue , with small blood vessels, especially venules. infiltration of inflammatory cells, fibroblasts and fibrosit.
Acute phase of RA	Swelling ++, red	Joint cartilage erosion, very thick synovial, increased number of blood vessels, infiltrated of macrophages, plasma cel, diffuse infiltration of lymphocytes form follicles.
Chronic phase of RA	Swelling +	Joint cartilage damage, invasion of panus to synovial cavity, small blood vessels, fat cells, fibroblasts, fibrosit, diffuse plasma cells, lymphocytes, giant cell, necrotic tissue

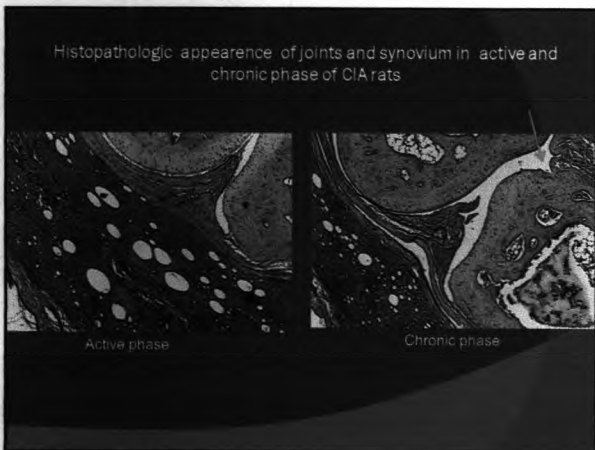
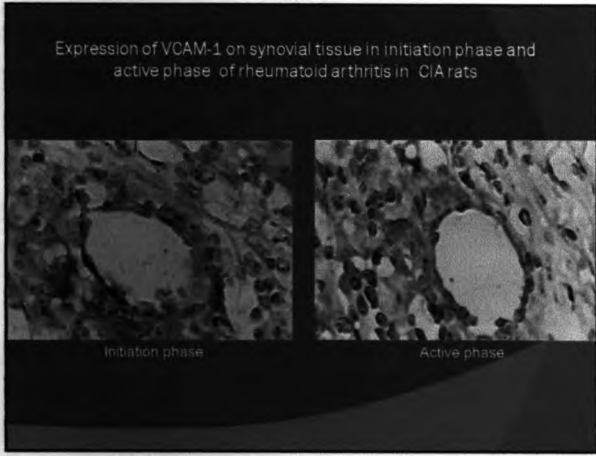


Table : Percentage of adhesion molecules ICAM 1, VCAM 1 and Lselectin expression on synovial tissue of control group (K), initiation (P1), active (P2) and chronic (P3) phase of rheumatoid arthritis in CIA rats

GROUP	ICAM-1	VCAM-1	SELECTIN-L
K (kontrol)	0,10±0,316	0,30±0,675	0,20±0,632
P1 (initiation)	21,00±6,272	13,00±3,944	15,60±5,854
P2 (active)	46,00±8,479	29,10±6,454	31,10±9,620
P3 (chronic)	29,30±6,019	19,60±5,700	25,80±5,884



Conclusion

1. Expression of adhesion molecules ICAM-1, VCAM-1 and L-selectin are increase on synovial tissue in initiation phase, active phase and chronic phase of rheumatoid arthritis in CIA rats.
2. Increasing the expression of adhesion molecules ICAM-1, VCAM-1 and L-selectin are highest in the active phase of rheumatoid arthritis in CIA rats



Certificate of Attendance

This is to certify that
Eryati Darwin

participated in the



ACA
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Singapore 17-19 November, 2011

Y. Shoenfeld

Y. Shoenfeld, MD, FRCP
Honorary Congress President

Pao-Hsii Feng

Pao-Hsii Feng
Congress Co Chairman

Kok-Yong Fong

Kok-Yong Fong
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Abstract Presentation Notification

The 5th Autoimmunity Congress Asia - ACA 2011

Singapore, November 17-19, 2011

Dear Eryati Darwin,

On behalf of the Scientific Programme Committee, we are pleased to inform you that your abstract A-331-0001-00209 entitled "The Expression of Adhesion Molecules (ICAM-1, VCAM-1 and L-selectin) on synovial tissue of collagen-induced arthritis (CIA) rats" has been selected for ORAL PRESENTATION at the 5th Autoimmunity Congress Asia, Singapore, 17-19 November 2011.

Details of the session in which your abstract is scheduled are listed below:

Session Title: Novel aspects of pathogenetic mechanisms in autoimmunity

Session Date: Friday, Nov 18

Session Time: 16:30-18:30

Your oral presentation is 10 minutes long. Detailed guidelines for the preparation of your presentation, equipment available and the PowerPoint presentation upload procedures are available on the congress website on <http://www2.kenes.com/aca/sci/Pages/InstructionsforPresenters.aspx#oral>.

Please do visit the congress website at www2.kenes.com/aca regularly for any updates or changes to the Scientific Programme.

http://mail.unand.ac.id/webmail/src/read_body.php?mailbox=INBOX&passed_id=97... 23/08/2011

CONFIRMATION OF REGISTRATION TO THE CONFERENCE

The presenting author Eryati Darwin must confirm his/her attendance and register the conference.

1. If you have not already registered and paid your registration fees you requested to do so online via the link:
<http://www2.kenes.com/aca/req/Pages/Registration.aspx>.

Only abstracts of participants who have paid their fees by Monday, September 19, 2011 will be included in the program and abstract book.

2. We also encourage you to book your accommodation promptly, as availability be limited in some hotels. Click on
<http://www2.kenes.com/aca/acc/Pages/HotelAccommodation.aspx> for more information available hotels for the congress.

FURTHER INFORMATION

For technical questions regarding your abstract submission please contact aca2011@abstractserver.com. For all other queries, please do contact the secretariat at aca@kenes.com.

Yours sincerely,

ACA 2011 Abstract Team on behalf of the Scientific Programme Committee

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Autoimmunity Congress Asia, Singapore, November 17-19, 2011

Thursday, November 17, 2011

	HALL A	HALL B
14:00		
15:00 -16:30	AUTOANTIBODIES –IMPLICATIONS IN LABORATORY AND IN CLINICAL PRACTICE <i>Satellite Symposium sponsored by BIORAD</i> Chairpersons: Yehuda Shoenfeld, Israel Tom Williamson, USA	
15:00-15:40	Laboratory testing could be hazardous for your health - A look at test utilization for autoantibody testing Michael Astion, USA	
15:40-15:20	Autoantibody case studies: Translating lab results into clinical practice Thomas Alexander, USA	
15:20-16:30	Questions & Answers	

Autoimmunity Congress Asia, Singapore, November 17-19, 2011

Thursday, November 17, 2011

	HALL A	HALL B
16:30-18:30	Plenary Session 1 – Autoimmunity 2012 Chairpersons: Pao-Hsii Feng, Singapore Kok-Yong Fong, Singapore	
16:30-16:50	The enigma of autoimmune liver diseases M. Eric Gershwin, USA	
16:50-17:10	Tolerogenic detritic cells in immune tolerance Ho Youn Kim, Korea	
17:10-17:30	Micromanagement of lupus autoimmunity by microRNAs Shen Nan, Shanghai	
17:30-17:50	Complement & autoimmunity Roberto Perricone, Italy	
17:50-18:10	Regulation of TH1/TH17 differentiation and relapsing EAE by B7-H4-IG: A potential novel immunotherapy for autoimmune disease Stephen Miller, USA	
18:10-18:20	Regulation of microRNA-155 of the atherosclerotic immuno- inflammatory responses by targeting MAP3K10 Hui Yan, China	
18:20-18:30	Presence of atherosclerosis in the Polish SLE patients (pts) Martyna Meissner, Poland	
18:30-19:15		
19:15-20:30		

Autoimmunity Congress Asia, Singapore, November 17-19, 2011

Friday, November 18, 2011

HALL A		HALL B	
08:00-10:00	<p>Parallel Session 1 – Diagnostics</p> <p><i>Supported by an Unrestricted Educational Grant from Inova Diagnostics</i></p> <p>Chairpersons: Tatsuya Atsumi, Japan Maria Laura Bertolacchini, UK</p>	08:00-10:00	<p>Parallel Session 2 - Therapy of autoimmune diseases</p> <p>Chairpersons: M. Eric Gershwin, USA Ho-Youn Kim, Korea</p>
08:00-08:20	<p>CLINICAL UTILITY OF PHOSPHATIDYLSERINE DEPENDENT ANTIPROTHROMBIN ANTIBODIES Tatsuya Atsumi, Japan</p>	08:00-08:20	<p>The Biologics: where do we go from here Stanley Naguwa, USA</p>
08:20-08:40	<p>ANTIPROTHROMBIN ANTIBODIES: DETECTION, IMMUNOLOGICAL CHARACTERISTICS AND CLINICAL SIGNIFICANCE Maria Laura Bertolacchini, UK</p>	08:20-08:30	<p>Effect of corticosteroid therapy on bone marrow lymphopoiesis in patients with idiopathic (immune) thrombocytopenic purpura George Shubinsky, Israel</p>
08:40-09:00	<p>A population study to optimize the role of serology and genetics in the diagnosis of celiac disease (CD) Jason Tye-Din, Australia</p>	08:30-08:40	<p>Aberrant expression of Mx1 in T cells from patients with systemic lupus erythematosus Shinsuke Yasuda, Japan</p>
09:00-09:20	<p>Recent advances in serological diagnosis of autoimmune hepatitis Ban Hock Toh, Australia</p>	08:40-08:50	<p>Engineering of recombinant anti-TNFα lactic acid bacteria for treatment of inflammatory bowel disease Borut Strukelj, Slovenia</p>
09:20-09:40	<p>Comparison of an automated IFA pattern recognition system on HEp-2 cells versus manual method Torsten Krieger, Germany</p>	08:50-09:00	<p>Literature review and personal experiences with biological therapies in patients with juvenile idiopathic arthritis (JIA) Emese Kiss, Hungary</p>
09:40-09:50	<p>Integration of accreditation needs to autoimmunity testing in core-laboratories Damien Gruson, Brussels</p>	09:00-09:10	<p>Rituximab in rheumatoid arthritis: experience in a resource-constrained setting Syed Haq, Bangladesh</p>
09:50-10:00	<p>Affordable microarray Elisa for autoantibody screening in connective tissue diseases Anand Kumble, New Zealand</p>	09:10-09:20	<p>Myeloid-derived suppressor cells (MDSC) for prevention and treatment of autoimmune myasthenia gravis Lina Lu, USA</p>
		09:20-09:30	<p>Myeloid-derived suppressor cells</p>

		(MDSC) prevent development of Experimental Autoimmune Uveitis (EAU)}
		Shiguang Qian, USA
	09:30-09:40	IGG but not UGm or IGA anti-beta 2 glycoprotein antibodies associate with highest risk thrombotic events among hospital patients Anna Bruschi, Australia
	09:40-09:50	The impact of allelic polymorphism in the human T cell receptor B locus on immune responses Scott Burrows, Australia
	09:50-10:00	Activated protein C increases monocytic transforming growth factor (TGF) -B1 that dampens pro-inflammatory interleukin 17 secreting CD4+ T helper cells Suat Dervish, Australia
10:00-10:30		
	HALL A	
10:30-12:30	The next stage of RA management: Evidence evolved from Asia <i>Symposium supported by Mitsubishi Tanabe Pharma Corporation</i> Chairperson: Takao Koike, Japan Pao - Hsii Feng, Singapore	
10:30-11:00	New treatment target in patients with RA - Where are we and where are we going? Hisashi Yamanaka, Japan	
11:00-11:30	New approach through a beneficial tool - The application of ultrasonographic evaluation of synovium in the management of rheumatoid arthritis Kei Ikeda, Japan	
11:30-12:00	New treatment strategy for individual RA patients by "Treat-to-Target" - Best practice of infliximab learnt from the RISING study Tsutomu Takeuchi, Japan	
12:00-12:30	Next stage of RA treatment: Bio-free remission will become a possible treatment goal - RRR study update Yoshiya Tanaka, Japan	
12:30-14:00		
	HALL B	
12:30-14:00	Recent Progress of Autoimmune Research in Japan	

Symposium sponsored by PFIZER

Chairperson: **Takao Koike, Japan**
Hitosi Kohsaka, Japan

12:30-12:50 CD4+CD25-LAG3+ regulatory T cells and autoimmunity
Keishi Fujiio, Japan

12:50-13:10 Innate lymphocytes in autoimmune diseases
Sachiko Mlyake, Japan

13:10-13:30 Autoimmune arthritis mediated by glycolytic enzyme -linkage between animal model and RA
Isao Mtsumoto, Japan

13:30-13:50 Lessons from a new animal model of polymyositis
Hitoshi Kohsaka, Japan

13:50-14:00 Discussion

Autoimmunity Congress Asia, Singapore, November 17-19, 2011

Friday, November 18, 2011 (con't)

	HALL A		HALL B
14:00-16:00	<p>Parallel Session 3 - The mosaic of autoimmunity</p> <p><i>Supported by an Unrestricted Educational Grant from JIMRO: Japan Immunoresearch Laboratories Company Limited</i></p> <p>Chairpersons: Luc Mouthon, France Razzaque Ahmed, USA</p>	14:00-16:00	<p>Plenary Session 4- B Cells in Autoimmunity</p> <p><i>Supported by an Unrestricted Educational Grant from Inova Diagnostics</i></p> <p>Chairpersons: Rohini Handa, India Tom Gordon, Australia</p>
14:00-14:20	<p>AUTOIMMUNE DISEASES AS STEM CELL DISORDERS: RATIONALE FOR NORMAL STEM CELL TRANSPLANTATION FOR THEIR TREATMENT</p> <p>Susumu Ikehara, Japan</p>	14:00-14:20	<p>B cell directed therapies in SLE</p> <p>Sandra Navarra, Phillipines</p>
14:20-14:40	<p>Antibodies fighting antibodies</p> <p>Razzaque Ahmed, USA</p>	14:20-14:40	<p>Sjogren's syndrome: Recent developments and update 2011</p> <p>Rohini Handa, India</p>
14:40-15:00	<p>AUTOIMMUNITY: EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT SMELL* (*BUT WERE AFRAID TO ASK)</p> <p>Carlo Perricone, Italy</p>	14:40-15:00	<p>Molecular characterisation of "forbidden" clones in human systemic autoimmunity</p> <p>Tom Gordon, Australia</p>
15:20-15:40	<p>The cytokine orchestra: Is it the right target for therapy in autoimmune diseases?</p> <p>Yoga I. Kasjmir, Indonesia</p>	15:00-15:20	<p>Expansion and activation of self-reactive cd8+ t cells mediated by b cells</p> <p>Shane T. Grey, Australia</p>
15:40-16:00	<p>Pathophysiology of systemic sclerosis</p> <p>Luc Mouthon, France</p> <p>Innate immune receptors in NK cells-mediated liver diseases</p> <p>Tian Zhigang, China</p>	15:20-15:40	<p>Development and clinical trials of tolerating immunotherapy for rheumatoid arthritis.</p> <p>Ranjeny Thomas, Australia</p>
16:00-16:30		15:40-16:00	<p>Epitope mapping of alpha-fodrin and its relevance to Sjogren syndrome</p> <p>Zhan-Guo Li, Beijing</p>

Autoimmunity Congress Asia, Singapore,

Friday, November 18, 2011 (con't)

16:30-18:30	Free Communications Session I - Decade of revelations in autoimmunity Chairpersons: Chi Chiu Mok, Hong Kong Outi Vaarala, Finland	
16:30-16:50	Autoantibodies in domestic animals - Lessons for the autoimmunologist Laurel Gershwin, USA	16:30
16:50-17:10	Pandemrix vaccination and the increase risk of narcolepsy in children Outi Vaarala, Finland	
17:10-17:20	The comparison of native and modified Sm peptides and their use in the diagnosis of SLE Renfen Chen, Australia	16:40-16:50
17:20-17:30	Antibiotic prophylaxis for post- streptococcal vasculitis: experience in 5 filipino patients Jennifer Melanie Payle, Phillipines	16:50-17:00
17:30-17:40	GITRL exacerbates collagen-induced arthritis <i>via</i> enhancing Th17 cells response Shengjun Wang, China	17:00-17:10
17:40-17:50	The role of toll like receptors in the clearance of apoptotic cells by macrophages Teja Celhar Kenanova, Singapore	17:10-17:20
17:50-18:00	CD1B-transgenic mice to study glycolipid-specific immune responses in EAE Lucia Mori, Singapore	17:20-17:30
18:00-18:10	Uric acid crystals promote Th17 cell differentiation through an IL-1- and IL-18-dependent mechanism Alessandra Mortellaro, Singapore	
18:10-18:20	GPR18 and its role in MOG-induced experimental autoimmune	17:30-17:40
		of collagen-induced rats Eryati Darwin, Indonesia
		Pre-natal methyl-donor dietary supplementation impacts murine autoimmunity Raymond Yung, USA
		The Influence of enzyme matrix metalloproteinase-9 in the pathogenesis of atherosclerosis Ines Mrakovic-Sutic, Croatia
		Histone deacetylase inhibition orchestrates enhanced cancer immunotherapy while abrogating autoimmune sequelae Yonghong Wan, Canada
		Altered expression of TPP1 and POT1 in Fibroblast-like synovial cells might be involved in the pathogenesis of rheumatoid arthritis Yu-Feng Qing, China
		The novel proinflammatory cytokine soluble EMMPRIN ligand/interleukin-39 (IL39) stimulates MCSF-1 differentiated

At

18:20-18:30

encephalomyelitis
Doris Shim, Australia

Increased interferon-alpha levels in primary sjögren's syndrome: frequency and relationship with pro-inflammatory cytokines, clinical features and anti-Ro/La response
Johannes Nossent, Norway

17:40-17:50

human macrophages (Mφ) to produce TNFα, IL1β, and IL32γ
Carl Edwards III, China

T-cell-specific deletion of EFNB1 and EFNB2 results in compromised EAE

Hongyu Luo, Canada

17:50-18:00

IGG but not IGM or IGA anti-bets 2 glycoprotein I antibodies associate with highest risk thrombotic events among hospital patients

Anna Bruschi, Australia

18:00-18:10

The role of apoptotic proteins in patients with systemic lupus erythematosus

Faris Alenzi, Saudi Arabia

18:10-18:20

Evaluation of serum Endothelin-1 in children with Henoch-Schonlein purpura

Reza Shiari, Iran

18:20-18:30

Evidence for shared reactivity between bacteria and spermatozoa
Vijay Prabha, India

Autoimmunity Congress Asia, Singapore, November 17-19, 2011

Saturday, November 19, 2011

HALL A		HALL B	
08:00-10:00	<p>Parallel Session 5 – Novel pathways in autoimmune diseases</p> <p>Chairpersons: Bambang Setyohadi, Indonesia Tian ZhiGang, China</p>	08:00-10:00	<p>Parallel Session 6 – Autoimmunity: Pathogenetic mechanisms</p> <p>Chairpersons: Shunle Chen, China Sandra Navarra, Phillipines</p>
08:00-08:10	<p>The atypical chemokine receptor CCX-CKR regulates thymocyte development and autoimmunity Shaun McColl, Australia</p>	08:00-08:20	<p>Antiphospholipid syndrome: pathogenesis and genetics Takao Koike, Japan</p>
08:10-08:20	<p>IL1 Receptor Antagonist (IL1RA) VNTR polymorphism confers susceptibility to SLE in South Indian Tamil population Devaraju Panneer, India</p>	08:20-08:40	<p>Neuropsychiatric lupus syndromes - pathogenesis Kok-Yong Fong, Singapore</p>
08:20-08:30	<p>TLR9-independent interferon-α production by neutrophils in response to a major lupus autoantigen Patrice Decker, France</p>	08:40-09:00	<p>Pregnancy & autoimmunity Caterina De Carolis, Italy</p>
08:30-08:40	<p>Determining the necessity of TLR7 in the progression of systemic lupus erythematosus (SLE) Raquel de Magalhaes, Singapore</p>	09:00-09:20	<p>Synovial immunopathologic study in ankylosing spondylitis and other rheumatic diseases Chung-Tei Chou, Taiwan</p>
08:40-08:50	<p>Cytoprotective activity of berberis hispanica: efficacy and synergistic potential with chemotherapy Houda Benboubker, France</p>	09:20-09:40	<p>SOCS1 controls the pathogenicity of potentially autoreactive CD8+ T cells by regulating cytokine-driven proliferation and differentiation Subburaj Ilangumaran, Canada</p>
08:50-09:00	<p>Increased expression of mGITRL on D2SC/1 cells by particulate β-glucan regulates CD4+ T_H1 and T_H2 cells Shengiun Wang, China</p>	09:40-09:50	<p>C1Q regulation of dendritic cell development from monocytes with distinct cytokine production and T cell stimulation</p>
09:00-09:10	<p>Anti-proliferative, cytotoxic and apoptogenic with immunomodulatory activity of resin extract of Shorea Robusta (Diterocarpaceae) Shila Besra, India</p>	09:50-10:00	
09:10-09:20	<p>An immunologist and bioethicist diagnosed with breast cancer- a message</p>		

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09:20-09:30	Ida Gubert, Brazil The role of labile zinc levels in systemic autoimmune disease Johannes Nossent, Norway
09:30-09:40	Induction of autoimmune hepatitis paradoxically reduce the rejection after liver transplantation in rats Shigeru Goto, Taiwan R.O.C.
09:40-09:50	Interleukin-17A and interleukin-17F mRNA expressions in patients with multiple sclerosis Zohreh Babaloo, Iran
09:50-10:00	Effect of tamoxifen therapy on blood levels of anti nuclear antibodies Mohammed Ahamed, Sudan
10:00-10:30	

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	HALL A		HALL B
10:30-12:30	<p>Parallel Session 7 – IVIG – An old, yet novel therapy for autoimmune diseases</p> <p><i>Supported by an Educational Grant from LFB Biomedicaments</i></p> <p>Chairperson: Zera Tellier, France Srini Kaveri, France</p>	10:30-12:30	<p>Parallel Session 8 - Infection and autoimmunity</p> <p>Chairpersons: Kok – Yong Fong, Singapore Outi Vaarala, Finland</p>
10:30-10:50	<p>IVIG in autoimmune and inflammatory diseases: Impact on the cellular compartment Srini Kaveri, France</p>	10:30-10:50	<p>Infections and autoimmunity: The cause of ankylosing spondylitis and rheumatoid arthritis investigated by "popper sequence" Alan Ebringer, UK</p>
10:50-11:10	<p>Intravenous immunoglobulins in autoimmune diseases Luc Mouthon, France</p>	10:50-11:00	<p>Infection and autoimmunity Laniyati Hamijoyo, Indonesia</p>
11:10-11:30	<p>Harnessing IVIG (natural immunity) to treat autoimmune diseases and cancer Yehuda Shoenfeld, Israel</p>	11:00-11:10	<p>Campylobacter jejuni infection and autoimmunity Chelana Vaishnavi, India</p>
11:30-11:50	<p>IVIG in blistering autoimmune skin diseases Razzaque Ahmed, USA</p>	11:10-11:20	<p>Antagonist-mediated down-regulation of the expression of intracellular toll-like receptors increases the prevalence of human papillomavirus infection in SLE Shui-Lian Yu, China</p>
11:50-12:00	<p>Is the mechanism of IVIG effect in autoimmune disease due to induction of IL-11? Donald Branch, Canada</p>	11:20-11:30	<p>Salmonella infection of MyD88-deficient mice triggers the production of self-reactive autoantibodies Basel al-Ramadi, United Arab Emirates</p>
12:00-12:10	<p>Selective uncoupling of leptin's metabolic and immune functions Jan Tavernier, Belgium</p>	11:30-11:40	<p>βGBP from the marine mussel <i>Perna viridis</i> functions as an opsonin by promoting haemocyte phagocytic and encapsulation responses Santiyagu Jayaraj, India</p>
12:10-12:20	<p>Renal and hematologic involvement more frequent among makes at systemic lupus erythematosus onset Eugene Uy, Philippines</p>	11:40-11:50	<p>Presence of VLP's in human pathogenic fungi: chrysosporium sps. and candida albicans Sakshi Sharma, India</p>
12:20-12:30	<p>Discussion</p>	11:50-12:00	<p>Circulating antibodies to chlamydia trachomatis and heat shock proteins Sangita Rastogi, India</p> <p>Peri-prosthetic Infections after</p>

12:00-12:10	shoulder hemiarthroplasty Jasvinder Singh, USA
12:10-12:20	Leishmani donovani: an <i>in vitro</i> study of antimony-resistant amphotericin B-sensitive isolates Abdalia Sharief, Sudan
12:20-12:30	Relationship of hormonal factors with disease activity in systemic lupuserythematosus: a meta-analysis Ramon Miguel Molina, Philippines

HALL B

12:30-14:00	ASIA REACH – Rheumatology Expert Advisory Council for Health Meeting Symposium sponsored by PFIZER PTE LTD Chairperson: Pao-Hsii Feng, Singapore
12:30-12:35	Introduction of speakers Pao-Hsii Feng, Singapore
12:35-13:05	Review of latest global data on immunogenicity in biologics Chen Jiunn-Hong, Taiwan
13:05-13:15	Q&A Pao-Hsii Feng, Singapore
13:15-13:45	Emerging evidence in Asia on the immunogenicity of biologics and their clinical implications Hisashi Yamanaka, Japan
13:45-13:55	Q&A Pao-Hsii Feng, Singapore
13:55-14:00	Closing remarks Pao-Hsii Feng, Singapore

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HALL A

12:30-14:00

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Chairperson:

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	HALL A		HALL B
14:00-16:00	<p>Plenary Session 9 – Vitamin D, innate immunity and autoimmune diseases</p> <p><i>Supported by an Unrestricted Educational Grant from Autoimmunity Research Foundation</i></p> <p>Chairpersons: Carlos Dias, Portugal Carlo Perricone, Italy</p>	14:00-16:00	<p>Parallel Session 10 – Autoantibodies and genetics of autoimmune diseases</p> <p><i>Supported by an Unrestricted Educational Grant from Inova Diagnostics</i></p> <p>Chairpersons: Roberto Perricone, Italy Stanley Naguwa, USA</p>
14:00-14:20	<p>Why vitamin D is more effective in early stage disease than in late-stage disease Trevor Marshall, Australia</p>	14:00-14:20	<p>New insights on oxidative inflammation in autoimmune-mediated atherosclerosis Eiji Matsuura, Japan</p>
14:20-14:40	<p>Vitamin D and clinical correlations in 500 autoimmune Portuguese patients Carlos Dias, Portugal</p>	14:20-14:30	<p>Anti-C1Q antibody is a valuable biological marker for prediction of renal pathological characteristics in lupus nephritis Zhu Chen, China</p>
14:40-15:00	<p>Vitamin D, disease activity and vascular health in SLE Chi Chiu Mok, Hong Kong</p>	14:30-14:40	<p>Similarity and dissimilarity of genetic susceptibility of primary biliary cirrhosis between Japanese and Caucasian Atsushi Tanaka, Japan</p>
15:00-15:20	<p>Redefining psychiatric and neurologic comorbidities as systemic dysfunction Roswitha Goetze-Pelka, UK</p>	14:40-14:50	<p>Immunogenetics of gluten sensitivity in rhesus macaques: A celiac disease model Karol Sestak, USA</p>
15:20-15:40	<p>Innate immunity and autoimmune diseases Vera Chan, Hong Kong</p>	14:50-15:00	<p>Newly developed test for calprotectin on an automated system Wolfgang Papisch, Germany</p>
15:40-15:50	<p>Association between serum vitamin D (25(OH)D3 levels with clinical lupus nephritis Cesarius Singgih Wahono, Indonesia</p>	15:00-15:10	<p>Aortic aneurysm, polyarteritis nodosa, and Klinefelter's syndrome Mary Ondinee Manalo, Philippines</p>
15:50-16:00	<p>Vitamin D3 treated dendritic cells as tolerogenic DCs: their use in EAE prophylaxis S.M. Moazzeni, Iran</p>	15:10-15:20	<p>Immunogenetics study of ankylosing spondylitis in Moroccan population Imane el Mouraghi, Morocco</p>

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HALL A	HALL B
16:00-16:30	15:20-15:30 Epitopes of peroxynitrite-modified H2A histone are better substrate than H3 modified histones for SLE autoantibodies binding Mohammad Khan, India 15:30-15:40 The profile of ANA immunofluorescence (ANA-IF) in prodia national reference laboratory (PNRL), Indonesia Yenny Surjawan, Indonesia 15:40-16:00 Discussion

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HALL A

- 16:30-18:30 Plenary Session 2 – **Pearls and novel therapy, Treg cells and autoimmunity**
Chairpersons:
Chung-Tei Chou, Taiwan
Yogi I. Kasjmir, Indonesia
- 16:30-16:50 The puzzle of CNS involvement in lupus
Carlos Vasconcelos, Portugal
- 16:50-17:10 Premature atherosclerosis for rheumatic diseases
Lai Shan Tam, China
- 17:10-17:20 Ontogenic detention in Foxp3+ thymocyte-development causes autoimmune gastritis in CD3 ζ -deficient mice
Shuji Akizuki, Japan
- 17:20-17:30 Spleen Treg cells and splenocytes proliferation changes in experimental autoimmune encephalomyelitis in C57BL/6 ovariectomized estrogen treated mice
Mahmoud Mahmoudi, Iran
- 17:30-17:40 Representation and functional interaction of effector and regulatory T cells: Impact on the local immune response in rheumatoid arthritis
Dipendra Mitra, India⁷⁶
- 17:40-17:50 Treatment of dexamethasone ameliorates Imiquimod-induced psoriasis in mice
Shailesh Dudhgaonkar, India
- 17:50-18:00 Secondary Sjogren 's syndrome in female , immunological and hormonal study
Basma Al-Ahmed, Malaysia
- 18:00-18:10 Effect of gonadotropin on systemic autoimmune responses
Alpana Satsangi, India
- 18:10-18:30 The development of innovative targeted therapies with special attention to monoclonal antibodies
Emese Kiss, Hungary