

Arthritis Alliance of Canada 2nd Annual Conference and Research Symposium

presented in partnership with Gairdner Foundation and
CIHR's Institute of Musculoskeletal Health and Arthritis



Arthritis Unmasked: Genetics, Treatments and Partnerships

gairdner
LES PRIX CANADA GAIRDNER AWARDS

AAC
Arthritis Alliance of Canada
Alliance de l'arthrite du Canada


CIHR IRSC
Institute of Musculoskeletal Health and Arthritis
Institut de l'appareil locomoteur et de l'arthrite

PROGRAM

October 30th - November 1st, 2014
Toronto Marriott Downtown Eaton Centre Hotel

Dear Delegate,

It is a great pleasure to welcome you to the Arthritis Alliance of Canada's 2nd Annual Conference and Research Symposium, "**Arthritis Unmasked: Genetics, Treatments and Partnerships**".

We look forward to engaging with all of you throughout the program and working together on future initiatives to improve the lives of Canadians living with arthritis.

Planning a conference involves a great deal of work and we would like to thank the Gairdner Foundation, CIHR's Institute of Musculoskeletal Health and Arthritis and the workshop planning committee for their assistance in developing the program.

Finally, on behalf of the Board of Directors, a special vote of thanks goes out to each one of you for attending and helping to make our conference a great success.

Sincerely,



Janet Yale
Chair, Arthritis Alliance of Canada

Board of Directors, Arthritis Alliance of Canada:

Ms. Janet Yale, Chair
Dr. Claire Bombardier, Research Representative
Ms. Cheryl Koehn, Patient Representative
Ms. Terri Lupton, Member's Representative
Dr. Dianne Mosher, Advisor and Past Chair
Dr. Emil Schemitsch, Canadian Orthopaedic Association Representative
Dr. Michel Zumner, Canadian Rheumatology Association Representative

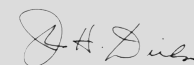
Dear Delegate,

The Gairdner Foundation is pleased to partner with the Arthritis Alliance of Canada on the 2nd Annual Conference and Research Symposium as part of our 2014 Gairdner Symposia schedule.

We pride ourselves on the ability to bring the best and brightest leaders from around the world to Canada and this year is no exception.

This symposium was sparked when Sir Marc Feldmann and Sir Ravinder Maini were selected as two of the 2014 Canada Gairdner International Awardees. They are being honoured for the discovery of anti-TNF therapy for the treatment of rheumatoid arthritis and other inflammatory diseases. Their work is inspiring and has greatly benefited many arthritis patients around the world. When designing this program the question was asked of what's next in inflammatory diseases and our speakers were chosen to help showcase the future direction for these diseases.

I hope that you enjoy hearing from them at the symposium along with the many high calibre speakers involved. Finally, thank you to the entire planning committee and for each of you for attending.



John H. Dirks
President and Scientific Director
Gairdner Foundation

Thursday October 30, 2014		
7:30 am – 8:30 am	Continental Breakfast	Adelaide Room
8:30 am – 10:00 am	Advocacy and Awareness Workshop	Adelaide Room
10:00 am – 10:30 am	Health Break	Adelaide Room
10:30 am – 12:00 pm	Patients/Consumers Workshop	Adelaide Room
12:00 pm – 1:00 pm	Lunch	Adelaide Room
1:00 pm – 3:00 pm	Arthritis Health Professions Association Workshop	Adelaide Room
3:00 pm – 3:15 pm	Health Break	Trinity Ballroom Foyer
3:15 pm – 5:00 pm	Research Workshop	Trinity Ballroom
Friday October 31, 2014		
7:30 am – 8:30 am	Continental Breakfast	Trinity Ballroom
8:30 am – 8:40 am	Opening Session - Welcome Remarks	Dr. John H. Dirks President and Scientific Director, Gairdner Foundation, Toronto, Ontario Ms. Janet Yale Chair, Arthritis Alliance of Canada, Toronto, Ontario
Research Symposium: State of the Art, and How We Got There		
8:40 am – 8:50 am	Patients Perspective: Importance of Research	Ms. Cheryl Koehn President, Arthritis Consumer Experts, Vancouver, British Columbia
8:50 am – 9:20 am	From Concept to Targeted anti-TNF therapy in Rheumatoid Arthritis (RA)	Sir Ravinder N. Maini Visiting Professor, The Kennedy Institute of Rheumatology, University of Oxford, Oxford, United Kingdom
9:20 am – 9:50 am	Quantitative Traits and the Genetics of Autoimmunity	Dr. Peter Gregersen Director, Center for Genomics & Human Genetics, The Feinstein Institute for Medical Research, Manhasset, New York
9:50 am – 10:20 am	Cutting Gordian Knots with the Shears of Genomics: A Quarter Century and Counting	Dr. Dan Kastner Scientific Director, Division of Intramural Research, National Human Genome Research Institute, National Institutes of Health, Bethesda, Maryland
10:20 am – 10:30 am	Question and Answer	Moderator: Dr. David Hart Professor, University of Calgary, Calgary, Alberta
10:30 am – 10:50 am	Health Break	Trinity Ballroom Foyer
10:50 am – 11:05 am	Downstream discoveries: What have 15 years of biologic use taught us about Rheumatoid arthritis?	Dr. Claire Bombardier Professor of Medicine, Rheumatology Division Director, University of Toronto, Toronto, Ontario
11:05 am – 11:20 am	Investing in Innovation: CIHR's Inflammation in Chronic Disease Signature Initiative	Dr. Hani El-Gabalawy Scientific Director, Canadian Institutes of Health Research-Institute of Musculoskeletal Health and Arthritis, Winnipeg, Manitoba
11:20 am – 11:50 am	Heart Disease in the Rheumatoid Arthritis Patient	Dr. Sherine E. Gabriel Dean, Mayo Medical School, Rochester, Minnesota
11:50 am – 12:00 pm	Question and Answer	Moderator: Dr. Michel Zummer Associate Professor, Université de Montréal, Montréal, Québec
12:00 pm – 1:00 pm	Lunch/Networking	Trinity Ballroom

Research Symposium: Future Progress, Where to Go from Here?		
1:00 pm – 1:30 pm	Beyond anti-TNF Therapy for Rheumatoid Arthritis (RA)	Sir Marc Feldmann Professor, The Kennedy Institute of Rheumatology, University of Oxford, Oxford, United Kingdom
1:30 pm – 2:00 pm	The Road Not Taken: The Prospects for Therapy with Antigen Specific Tolerance For Autoimmune Disease	Dr. Lawrence Steinman George A. Zimmerman Professor of Neurology and Neurological Sciences, and Professor of Pediatrics, Stanford School of Medicine, Stanford, California
2:00 pm – 2:30 pm	Close to the Bone: Novel Genes that Remodel the Skeleton	Dr. Laurie H. Glimcher Stephen and Suzanne Weiss Dean of Weill Cornell Medical College, New York City, New York
2:30 pm – 3:00 pm	Optimizing Public-Private Partnerships for Structure-Based Drug Discovery: Is This the Most Cost-Effective Solution to New Medicines?	Dr. Aled Edwards CEO of the Structural Genomics Consortium (SGC), Professor at the University of Toronto, Toronto, Ontario
3:00 pm – 3:10 pm	Question and Answer	Moderator: Dr. Gillian Hawker Sir John and Lady Eaton Professor and Chair of Medicine, University of Toronto, Toronto, Ontario
3:10 pm – 3:25 pm	Health Break	Trinity Ballroom Foyer
	Session Introduction	Dr. Dianne Mosher Chief, Division of Rheumatology, University of Calgary, Calgary, Alberta
3:25 pm – 3:55 pm	A Systems Approach to Dissecting Immunity	Dr. Alan Aderem President; Full Professor, Seattle Biomedical Research Institute, Seattle, Washington
3:55 pm – 4:25 pm	Round Table Discussion Panel includes: Dr. Peter Gregersen, Dr. Sherine E. Gabriel, Dr. Dan Kastner, Dr. Laurie H. Glimcher, Dr. Aled Edwards, Dr. Alan Aderem	Moderators: Sir Marc Feldmann and Sir Ravinder N. Maini
4:25 pm – 4:30 pm	Closing Remarks	Ms. Janet Yale Chair, Arthritis Alliance of Canada, Toronto, Ontario Dr. Lorne Tyrrell Chair, Board of Directors, Gairdner Foundation and Director, Li Ka Shing Institute of Virology, University of Alberta, Edmonton, Alberta
6:00 pm – 8:30 pm	AAC “Arthritis Unmasked” Reception 6:00 pm AAC “Arthritis Unmasked” Gala Awards Dinner, 6:30 pm - 8:30 pm, featuring: <ul style="list-style-type: none"> 2014 Canada Gairdner International Laureates Award Presentation Qualman-Davies Arthritis Consumer Community Leadership Award Ceremony Live performances by individuals living with arthritis 	Grand Ballroom Salons C, D and Crush
Saturday November 1, 2014		
8:00 am – 9:00 am	Continental Breakfast	Trinity Ballroom
9:00 am – 10:00 am	AAC Annual General Meeting	Trinity Ballroom Salons 1-3
10:00 am – 10:30 am	Health Break	Trinity Ballroom Foyer
10:30 am – 12:30 pm	Performance Measurement for Inflammatory Arthritis Care Workshop	Trinity Ballroom Salons 4-5
10:30 am – 12:30 pm	Osteoarthritis Models of Care Workshop	Trinity Ballroom Salons 2-3
12:30 pm – 2:30 pm	Strategy for Patient-Oriented Research (SPOR) Workshop Planning Meeting	York A-B



Dr. John H. Dirks is the President and Scientific Director, Gairdner Foundation. Dr. Dirks has held various leadership positions at McGill University, University of British Columbia and the University of Toronto. He trained in nephrology research at the NIH and held an MRC Canada grant for his work in renal pathophysiology. In 2012 he was inducted into the Canadian Medical Hall of Fame and also received an Honorary Doctorate of Science from the University of Toronto.



Janet Yale currently serves as President and CEO of The Arthritis Society. A lawyer and economist by training, Janet worked early in her career as Director General at the CRTC and as general counsel to the Consumers Association of Canada. Janet holds an LLB from the University of Toronto and a MA (Econ) from McGill University. Janet is a recipient of the Queen Elizabeth II Diamond Jubilee Medal, a winner of the Woman Leader of the Year by the Federated Press and the Businesswoman of the Year by the Women's Business Network.



Ms. Cheryl Koehn is an arthritis advocate, community leader, published author and rheumatoid arthritis survivor for 26 years. She is the founder and president of Arthritis Consumer Experts. She has served as Co-Chair of the Summit on Standards for Arthritis Prevention, Care and Co-Founder of the Best Medicines Coalition and two-time Chair of the Better Pharmacare Coalition. Ms. Koehn is presently the consumer representative Board Member of the Arthritis Alliance of Canada.



Sir Ravinder Maini studied medicine at Cambridge University and Guy's Hospital, London. He undertook his postgraduate clinical training and a Fellowship in clinical immunology. His research focused on immunological and inflammatory mechanisms and therapy of autoimmune rheumatic diseases. His 'bench to bedside' research collaboration with Sir Marc Feldmann was commenced in 1985 and resulted in the development of anti-TNF immunotherapy of rheumatoid arthritis. Since retirement, he continues to serve as a Consultant and Advisor to the Biotechnology and Pharmaceutical industry and National Grant-Giving Agencies.



Dr. Peter K. Gregersen received his MD from Columbia University College of Physicians and Surgeons and completed a rheumatology fellowship at the Hospital for Joint Diseases. In the 1990's he founded the North American Rheumatoid Arthritis Consortium (NARAC) which has made a major contribution to identifying risk alleles associated with rheumatoid arthritis. Dr. Gregersen has received the Distinguished Basic Investigator Award from the American College of Rheumatology.



Dr. Dan Kastner obtained his A.B. summa cum laude in philosophy from Princeton University and an M.D. and Ph.D. from Baylor College of Medicine. After completing an Internal Medicine residency and chief residency at Baylor, Dan moved to the NIH in 1985 as a Rheumatology fellow. He is the Scientific Director of the Division of Intramural Research of the National Human Genome Research Institute. In 2012 he was elected to the Institute of Medicine of the National Academies.



Dr. Claire Bombardier holds a Canada Research Chair in Knowledge Transfer for Musculoskeletal Care and is the Rheumatology Division Director for the University of Toronto. She is a senior scientist at the Toronto General Research Institute in Canada and at the Institute for Work and Health. In September 2003, she won the University of Toronto, Dales Award in Medical Research, which was established in 1991 to recognize sustained excellence in medical research.



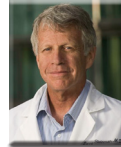
Dr. Hani El-Gabalawy is Scientific Director of the CIHR Institute of Musculoskeletal Health and Arthritis and a Professor of Medicine and Immunology at the University of Manitoba. He obtained his MD at the University of Calgary, and his postdoctoral training at McGill University. His research interests focused on the mechanisms initiating and sustaining joint inflammation in rheumatoid arthritis. Dr. El-Gabalawy has received the NIH Bench to Bedside Award, fellowship in the Canadian Academy of Health Sciences, and a Queen Elizabeth II Diamond Jubilee Award.



Dr. Sherine Gabriel is the Professor of Medicine (Rheumatology) & of Epidemiology, Dean, Mayo Medical School, Rochester, Minnesota. Dr. Gabriel earned a Doctor of Medicine degree from the University of Saskatchewan, completed Internal Medicine Residency and Rheumatology fellowship at Mayo Graduate School of Medicine and a Master of Science in Clinical Epidemiology from McMaster University. She established the Clinical Research Training and Career Development Programs at Mayo Clinic. Dr. Gabriel was the founding chair of the Methodology Committee of the Patient Centered Outcomes Research Institute.



Sir Marc Feldmann studied PhD in immunology at the Walter and Eliza Hall Institute in Melbourne. He worked at Mitchison's ICRF Tumour Immunology Unit at University College London and in 1983 he published a hypothesis that upregulated cytokines and antigen presentation were key steps in a chronic autoimmune disease. The testable hypothesis led to collaborating with Sir Ravinder Maini on the exploration of what were critical cytokines in the most accessible human autoimmune disease, rheumatoid arthritis. This success and that of other anti-TNF antibodies has made anti-TNF the best-selling drug class from 2012. Sir Feldmann is the first European Inventor of the Year in the Lifetime Achievement category awarded in Biomedicine (2006).



Dr. Lawrence Steinman is Professor of Neurology, Neurological Sciences and Pediatrics at Stanford University. Dr. Steinman graduated from Dartmouth College, Magna Cum Laude in Physics, MD from Harvard Medical School, post-doctoral fellow in chemical immunology at Weizmann Institute of Science. His research focuses on what provokes relapses and remissions in multiple sclerosis, in neuromyelitis optica and the quest for antigen specific therapy. He has received the John M. Dystel Prize in 2004, the Javits Neuroscience Investigator Award from the NINDS twice, and the Charcot Prize in MS research.



Dr. Laurie H. Glimcher is the Stephen and Suzanne Weiss Dean of Weill Cornell Medical College and a Professor of Medicine in New York City. Dr. Glimcher received her postdoctoral training at Harvard and the Laboratory of Immunology at the National Institute of Allergy and Infectious Diseases in Maryland. She received her BA degree at Radcliffe College and her MD at Harvard Medical School. As an immunologist, her primary research interests are on biochemical and genetic approaches. Dr. Glimcher speaks nationally and internationally on rheumatology, immunology, skeletal biology and translational medicine.



Dr. Aled Edwards is CEO of the Structural Genomics Consortium; a public-private partnership that generates open-access research tools to support drug discovery, and Professor at the University of Toronto. Aled obtained his Ph.D. from McGill University and did his post-doctoral work at Stanford University with Roger Kornberg on the structure of RNA polymerase II. Aled and his teams have contributed the 3D structures of >2,000 different proteins into the Protein Data Bank – accounting for 15% of all the available structural information for human proteins.



Dr. Alan Aderem is the President and Director of Seattle Biomed. He obtained his Ph.D. at the University of Cape Town and completed a postdoctoral fellowship at The Rockefeller University in New York. Dr. Aderem co-founded the Institute for Systems Biology in 2000 and served as its Director until 2011. In 2012, Dr. Aderem became President of Seattle BioMed, where he is integrating systems approaches into Seattle BioMed's research programs in order to accelerate vaccine and drug development. His own research focuses on diseases afflicting citizens of resource poor countries, including AIDS, malaria, tuberculosis and influenza.



Ariel Kwan is in her second year of the Doctor of Pharmacy program at the University of Toronto, having completed a B.Sc. (Major in Medical Sciences) at Western University in 2010. She was diagnosed with Juvenile Inflammatory Arthritis in 2006 and is under the wonderful care of Dr. Carter Thorne, who has provided her the opportunity to continue pursuing her passion for violin and piano. She presently serves as the assistant concertmaster of University of Toronto's Hart House Orchestra.



Marilyn Muldoon is an actor, writer and singer from British Columbia. She has enjoyed working in theatre and TV/Film throughout the province for over thirty years combined, still patiently waiting to be an over-night success. Stage work is Marilyn's favorite medium. She is a member of the Arthritis Patient Advisory Board at ARC in Richmond, British Columbia, where she wears the Sjogren's hat, having had the disease for over 30 years. Marilyn is currently writing a play about a fascinating piece of British Columbia history.



Judy Godfrey was born on March 9, 1929 in Toronto and obtained her BA at University of Toronto. Judy married Mr. Monty Simmonds in 1951 and has 4 daughters, 13 grandchildren, 2 great grandchildren. When her rheumatoid arthritis attack occurred in 1990, she was incapacitated for 14 months. Mrs. Simmonds has been an entertainment agent for 20 years, ukulele player and plain air painter (water colours). She sings and also writes, arrange and perform fun revues for Toronto Symphony Volunteer Committee.

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