



AllerGen NCE-Inc. First Annual Research Conference: *Innovation from Cell to Society*
October 26 – 28, 2005 Sheraton Gateway Hotel, Toronto, ON

Research Poster Competition Listing

Highlighted posters will also be featured in an oral presentation during the AllerGen Research Trainees Symposium October 28, 2005

| Poster # | Title of research | Submitted by | Affiliation |
|----------|---|---|---|
| 05-001 | An ENU Mutagenesis Strategy to Identify Genes Involved in Eosinophil Development and to Model Human Disease | Steven Maltby | Biomedical Research Centre University of British Columbia Vancouver, BC |
| 05-002 | Mapping of Regions Controlling Airway Hyperresponsiveness in Mice | Pierre Camateros | McGill University Montreal, QC |
| 05-003 | Modulation of Allergic Asthma by Imidazoquinolines in Airway Hyper- and Hypo-responsive Strains of Mice | Jacques Moisan | McGill University Montreal, QC |
| 05-004 | Mechanisms of Degranulation in Inflammatory Cells | Troy Mitchell | University of Alberta, Edmonton, AB |
| 05-005 | Early life exposure to maternal stress is associated with asthma in children | Xiao-Mei Mai | University of Manitoba, Winnipeg, MB |
| 05-006 | Allergic Asthma: Controlled Urban Air Pollution Exposures and Allergen Interactions | Marcelo Tadday Rodrigues | Gage Occupational & Env. Health Unit, St. Michael's Hospital, University of Toronto, Toronto, ON |
| 05-007 | Neuroendocrine Control of Allergic Inflammation: Characterization of Antibodies to the Prohormone SMR-1 in Lysates of Rat Submandibular Glands | Sam Harirforoosh | University of Alberta Pulmonary Research Group, Edmonton, AB |
| 05-008 | Investigation of Mast Cell and Eosinophil Function in Immune and Allergic Response via Cre-mediated Conditional Gene Deletion | Jamie Haddon | Biomedical Research Centre University of British Columbia Vancouver, BC |
| 05-009 | CD34 and CD43 block mast cell adhesion and are required for efficient colonization of mast cell and stem cell niches | Erin Drew (to be presented by Steve Maltby) | Biomedical Research Centre University of British Columbia Vancouver, BC |
| 05-010 | Urban and Rural Pollen Concentrations in Nova Scotia, Canada | Adree DeLazzer | Saint Mary's University, Halifax, NS |

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| 05-011 | Molecular Markers of Eosinophilopoiesis at Birth: Kinetics of Cord Blood GATA-1, MBP and IL-5 Receptor Expression | Anne Ellis | McMaster University, Hamilton, ON |
| 05-012 | Cord Blood Hemopoietic Progenitors Predict Clinical Manifestations of Disease In Early Life | Rochelle Fernandes | McMaster University, Hamilton, ON |
| 05-013 | Robust Statistical Algorithms for Microarray Genotyping by Single Base Extension | Mohua Podder | James Hogg iCAPTURE Centre, University of British Columbia Vancouver, BC |
| 05-014 | Toll-like Receptor Expression following Allergen and Tuberculin Purified Protein Derivative Challenge | Kazuhisa Asai | Meakins Christie Laboratories, Montreal, QC |
| 05-015 | Toll-like Receptor 4 Expression and Regulation in Human Peripheral Blood Cells | Pierre Olivier Fiset | Meakins Christie Laboratories, Montreal, QC |
| 05-016 | Expression of cysteinyl leukotriene and Toll-like receptors by CD34+ umbilical cord blood (CB) - progenitor cells | Johanna Roa | McMaster University, Hamilton, ON |
| 05-017 | Development of an Algorithm to Better Predict Clinical Responsiveness to Peanut | Andrea Marrin | McMaster University, Hamilton, ON |
| 05-018 | Deficiencies of CD40/CD40L interaction and B cells disrupt, completely, and of mast cells, partly, anaphylactic responses in a mouse model of peanut allergy | J. Sun | McMaster University, Hamilton, ON |
| 05-019 | Stimulation of PBMCs from Allergic Individuals with Relevant Allergens Increases CCR8 Expression on CD4 Memory T cells <i>in vitro</i> | J. Sun | McMaster University, Hamilton, ON |
| 05-020 | Human eosinophils express functional glutamate receptors | S. O. Odemuyiwa | University of Alberta, Edmonton |