



Sharp minds: skilled hands

37th Gallie Day

Friday May 6, 2011

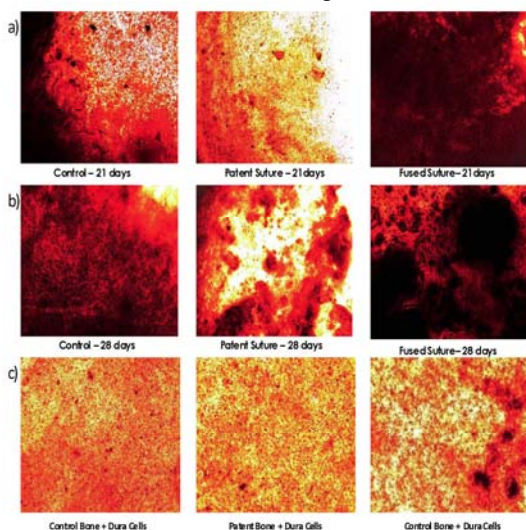
Gallie-Bateman & McMurrich
Research Presentations

MaRS Centre South Tower Lower
Concourse, 101 College Street

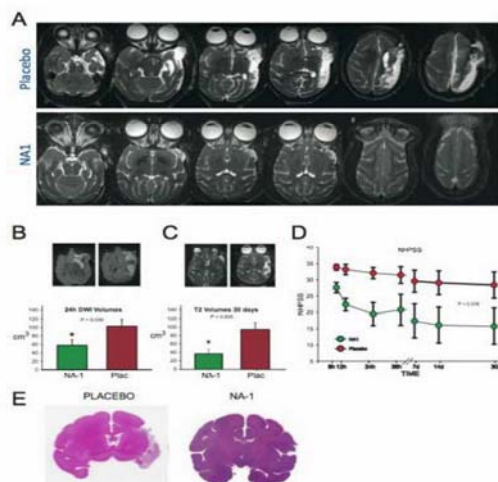
Gordon Murray Lecturer

Inderbir S. Gill, MD

Director, USC Institute of Urology
Professor and Chairman, Catherine and
Joseph Aresty Department of Urology
Associate Dean (Clinical Innovation)
Keck School of Medicine
University of Southern California
Los Angeles, California



Tatiana K.S. Cypel et al: a) Formation of bone nodules in cultures derived from synostosed sutures was much more robust, compared with that of normal sutures and control areas as demonstrated by the size of the nodules and intensity of staining at days 21 (2a) and 28 (2b). c) Osteoblasts co-cultured with normal dural cells presented similar pattern of bone nodule formation when comparing the three sites of osteoblast alone at day 21.



D.J. Cook et al: NA-1 administered 1h after stroke onset reduces ischemic damage and improves neurological function in Non-Human Primates. (A) T2-weighted MRI scans performed 30 days after MCAO in representative animals treated with NA-1 or Placebo. (B) NA-1 treatment reduces stroke volume measured by MRI, 48h DWI (B) and 30d T2 (C). (D) NA-1 treatment improves neurological function on the NHP stroke scale. Representative H&E sections of brains taken from animals in each group (E).

Friday May 6, 2011 - 7:00 pm Cocktails & Art Exhibit
8:00 pm. Dinner & Awards Presentation
Fairmont Royal York Hotel, Imperial Room
100 Front Street West - Admission \$125 per person
surgery.admin@utoronto.ca or 416-978-2623

PLEASE NOTE: GD is an accredited group learning activity as defined by the Maintenance of Certification Program of The Royal College of Physicians & Surgeons of Canada

Friday May 6, 2011 MaRS Centre, Lower Concourse

7:30 a.m. Continental Breakfast and Registration

7:30 Poster Setup – Collaboration Centre Main Concourse
Session Committee: Val Cabral and Andrea McCart

8:00 Opening Remarks - Auditorium

Dr. James T. Rutka, R.S. McLaughlin Professor and Chair
Dr. Benjamin A. Alman, Vice Chair Research

Gallie-Bateman and McMurrich Research Presentations

Session Chair: George Christakis

8:15 Stephen C. Mack: "Delineation of two molecularly and clinically distinct groups of posterior fossa ependymoma" (Supervisor: Michael D. Taylor)

8:30 Jaskarndip Chahal: "The multi-ligament quality of life questionnaire (ML-QOL): Development and preliminary testing of measurement properties in patients with multi-ligament knee injuries" (Supervisor: Aileen M. Davis)

8:45 Kathryn Ottolino-Perry: "Tumour vasculature is critical for oncolytic vaccinia virus therapy in peritoneal carcinomatosis" (Supervisor: J. Andrea McCart)

9:00 Anusha Jegatheeswaran: "Persistent risk of subsequent procedures and mortality in patients after interrupted aortic arch repair: A Congenital Heart Surgeons' Society Study" (Supervisors: Christopher A. Caldarone, Brian W. McCrindle)

9:15 Matthew D. Wood: "Controlled release of GDNF from microspheres promotes peripheral nerve regeneration" (Supervisor: Gregory H. Borschel)

9:30 Poster Judging – MaRS Centre Café & CR2 – Main Concourse

10:30 SYMPOSIUM: "Making Surgeons Obsolete: Computers and Robotics in Surgery"

Chair: Benjamin A. Alman, A.J. Latner Professor, Vice Chair Research

•James T. Rutka, R.S. McLaughlin Professor and Chair

"Discovery, Invention and Innovation in Surgery"

•Ian McKillop, JW Graham Research Chair in Health Information Systems, Public Health Program and Executive Director, University Health Research (Office of Research), University of Waterloo

"Fostering Innovation: Step One - Check the Water"

•Christian Veillette, Assistant Professor, Orthopaedic surgery, Department of Surgery, U of T

"Forget EBM: The Emerging Science of Collective Intelligence"

•Antonio Finelli, Assistant Professor, Urology, Department of Surgery, U of T

12:00 pm Lunch and Poster Viewing

1:05 GORDON MURRAY LECTURE: "Minimally Invasive Surgery: Poster-child or Impostor?"

Dr. Inderbir S. Gill, Director, USC Institute of Urology, Professor and Chairman, Catherine and Joseph Aresty Department of Urology Associate Dean (Clinical Innovation), Keck School of Medicine University of Southern California

2:05 Poster Judging – MaRS Centre Café & CR2 – Main Concourse

Gallie-Bateman and McMurrich Research Presentations

Session Chair: Sandro Rizoli

3:05 Gregory W.J. Hawryluk: "Remyelination is the key mechanism underlying functional recovery from spinal cord injury following neural precursor cell transplantation" (Supervisor: Michael G. Fehlings)

3:20 Sameer Agnihotri: "A GATA4 regulated tumour suppressor axis is disrupted in glioblastoma" (Supervisor: Abhijit Guha)

3:35 Barbara Haas: "Survival of the fittest: The hidden cost of undertriage of major trauma" (Supervisor: Avery B. Nathens)

3:50 Krishna K. Singh: "Cardiac-specific disruption of BRCA2 results in higher doxorubicin sensitivity and heart failure with advanced age" (Supervisor: Subodh Verma)

4:05 Adrienne Weeks: "ECT2 and RASAL2 mediate mesenchymal-amoeboid transition in human astrocytoma cells" (Supervisor: James T. Rutka)

4:20 Closing remarks: James T. Rutka, Benjamin A. Alman