

MILTADIS PALIOURAS

Department of Path. & Lab. Medicine
Mount Sinai Hospital
600 University Ave.
Toronto, ON M5G 1X5
CANADA
Telephone: 416-586-4800 ext. 8805
Fax: 416-586-4800 ext 8268
Email: miltiadis.paliouras@mcgill.ca

685 Milverton Blvd.
Toronto, ON M4C 1Y1
CANADA
Telephone: 416-423-5702

EDUCATION

Ph.D. 1998-2005
Department of Biology
McGill University
Supervisor: Paul Lasko

M.S. 1996-1998
Department of Molecular Biology and Microbiology
University of Florida
Supervisor: Maurice Swanson

B.Sc. 1991-1995
Department of Molecular Genetics and Biology
Trinity College at the University of Toronto

SCHOLARSHIPS AND AWARDS

CIHR (Canadian Institute of Health Research) 2000-2003
Doctoral Research Award (\$60 000 CDN)
Hellenic Scholarship Foundation (\$1000 CDN) 2001

TRAINING

Post-Doctoral Fellowship 2005-present
Mount Sinai Hospital
Department of Pathology and Laboratory Medicine
Supervisor: Dr. Eleftherios P. Diamandis
Project: "Kallikrein Gene Regulation."

Ph.D. 1998-2005
McGill University (Montreal)
Department of Biology
Supervisor: Dr. Paul Lasko
Thesis Title: "ANTIMEROS and MILE END, Two BICAUDAL-C Interacting Proteins, are Required for *Drosophila* Development."

Research Technician Summer 1998
Hospital for Sick Children (Toronto)
Department of Anatomy and Cell Biology
Supervisor: Dr. Elizabeth Turley
Protein purification for antibody production

M.S. 1996-1998
University of Florida (Gainesville)
Department of Molecular Biology and Microbiology
Supervisor: Dr. Maurice Swanson
Thesis Title: "The Role of Heterogeneous Nuclear Ribonuclear Proteins in Myotonic Dystrophy."

Research Technician 1995-1996
University of Toronto (Toronto)
Department of Medical Genetics and Microbiology
Supervisor: Dr. Marvin Gold
Sequence analysis of Bacteriophage λ ATPase mutants

CONTRIBUTIONS TO RESEARCH AND DEVELOPMENT

Published Articles

Huang H, **Paliouras M**, Rambaldi I, Lasko P, Featherstone M. Non-muscle myosin promotes cytoplasmic localization of PBX. *Mol. Cell. Biol.*, 2003, 23(10): 3636-45.
Cover: *Mol. Cell. Biol.*, May 2004, 24(9).

Michalowski S, Miller JW, Urbanati CR, **Paliouras M**, Swanson MS, Griffith J. Visualization of double-stranded RNAs from myotonic dystrophy protein kinase gene and interactions with CUG-binding protein. *Nuc. Acid. Res.*, 1999, 27(17):3543-3542.

Abstracts

Paliouras M and Lasko P. BIC-C and ATMS are required for proper expression of NOS during oogenesis and embryogenesis. *45th Ann. Dros. Res. Conf., 2004, Wasington D.C.*

Paliouras M and Lasko P. Evidence for a role for BIC-C and an interacting gene, CG2503, in Nos deployment. *43rd Ann. Dros. Res. Conf., 2002, San Diego CA.*

Paliouras M and Lasko P. Characterization of a Novel Protein which Interacts with BIC-C. *42nd Ann. Dros. Res. Conf., 2001, Washington D.C.*

Powers JE, **Paliouras M**, and Lasko P. Inverstigation of BIC-C Interacting Proteins. *42nd Ann. Dros. Res. Conf., 2001, Washington D.C.*

Paliouras M, Chicoine J, and Lasko P. Invertigation of Interacting Proteins and RNA Targets of BIC-C. *41st Ann. Dros. Res. Conf., 2000, Pittsburgh, PA.*

Paliouras M and Lasko P. Identification of Trans-acting Factors of BIC-C. *5th Canadian Dros. Res. Conf., 1999, St. Saveur QC.*

Swanson MS, Miller JW, Devaore DR, **Paliouras M** and Timchenko LT. Roles for triplet repeats expansion RNA-binding proteins in myotonic dystrophy. *1st Ann. Myotonic Dystrophy Conf., 1997, Paris, France.*

TEACHING EXPERIENCE

Teaching Assistant

Spring 2000

McGill University
117-303B Developmental Biology

Duties included preparing weekly presentations and reviews of material covered by the course. I also assisted in the selection, mentoring and grading of mid-term paper assignments. Duties also including preparing students for mid-term and final examinations by covering past material as well as the creation and reviewing of practice exam questions

TECHNICAL EXPERIENCE

- Extremely well trained using Microsoft Office applications, Adobe Photoshop and Illustrator and other imaging software.
- Strong written, oral and presentation skills
- Skilled in techniques of Molecular Biology and Biochemistry including; cloning, PCR, RT-PCR, nucleic acid extraction, bacterial recombinant protein expression and purification, SDS-PAGE, Northern and Southern blot analysis, Tissue culture and viral transfections, Immunohistochemistry (fluorescence, β -gal, DIG, biotin), Two-hybrid screen, and Immunoprecipitation
- Knowledgeable and proficient in Confocal Microscopy using both Leica or Zeiss LSM confocal systems.

ASSOCIATION MEMBERSHIP

Genetic Society of America
Canadian Genetic Society

1998 – present
1998 – present