

PHGY 419 - POTENTIAL RESEARCH SUPERVISORS

<u>Last Name</u>	<u>First Name</u>	<u>Research Area</u>	<u>Web-page</u>	<u>Bldg/Inst*</u>	<u>Email</u>
Behr	Marcel	Pathogenesis of mycobacterial infections, including tuberculosis	M Behr	MUHC	marcel.behr@mcgill.ca
Berghuis	Albert	X-ray crystallography, enzymes as targets for drug development	A Berghuis	Bellini	albert.berghuis@mcgill.ca
Brodth	Pnina	Metastasis in colon and breast cancer	P Brodt	MUHC	pnina.brodth@muhc.mcgill.ca
Cermakian	Nicolas	Circadian rhythms and regulation of immune system	N Cermakian	Douglas	nicolas.cermakian@mcgill.ca
Chen	Guojun	Biomaterials-mediated immunoengineering and genome editing	G Chen	McIntyre	guojun.chen@mcgill.ca
Chevalier	Simone	Prostate cancer: cellular, molecular, and clinical aspects	S Chevalier	MGH	simone.chevalier@mcgill.ca
Cuella Martin	Raquel	DNA damage response, CRISPR base editing		Genome	raquel.cuella@mcgill.ca
Colmegna	Ines	Role of stem cells in rheumatoid arthritis	I Colmegna	MUHC	ines.colmegna@mcgill.ca
Di Battista	John	Cell signaling proteomes and gene expression in disease	J Di Battista	MUHC	john.dibattista@mcgill.ca
Di Noia	Javier	Regulation of antibody diversification	J. Di Noia	IRCM	javier.dinoia@mcgill.ca
Divangahi	Maziar	Cell-molecular mechanisms of defense against influenza and TB	M Divangahi	MUHC	maziar.divangahi@mcgill.ca
Fixman	Elizabeth	Asthma:immunology and the role of STAT6	E Fixman	MUHC	elizabeth.fixman@mcgill.ca
Fritz	Jorg	Innate immune development and regulation of adaptive immunity	J Fritz	Bellini	jorg.fritz@mcgill.ca
Gros	Philippe	Genes, proteins and pathways in infectious diseases	P Gros	Bellini	philippe.gros@mcgill.ca
Gruenheid	Samantha	Host/pathogen interactions and outcomes	S Gruenheid	Bellini	samantha.gruenheid@mcgill.ca
Gu	Hua	Immunity, autoimmunity, and microRNA regulation in cancer	H Gu	IRCM	hua.gu@ircm.qc.ca
Juncker	David	Micro- and nano-bioengineering for vaccines and biomarkers	D Juncker	Duff	david.juncker@mcgill.ca
Kazak	Lawrence	Control of mitochondrial energetics in adipocytes and cancer cells	L Kazak	GCRC	lawrence.kazak@mcgill.ca
Khadra	Anmar	Modeling immune processes and diseases	A Khadra	McIntyre	anmar.khadra@mcgill.ca
King	Irah	Immunity at barrier sites such as the gut, skin and lung	I King	MUHC	irah.king@mcgill.ca
Kristof	Arnold	Regulation of lung immune processes by mTOR/STAT1 signaling	A Kristof	MUHC	arnold.kristoff@mcgill.ca
Lands	Larry	Immune modulation in cystic fibrosis and severe asthma	L Lands	MUHC	larry.lands@mcgill.ca
Langlais	David	Transcriptional mechanisms in normal and pathological inflammation	D Langlais	Genome	david.langlais@mcgill.ca
Lebrun	Jean-Jacques	Molecular mechanisms in tumor initiation and progression	J-J Lebrun	MUHC	jj.lebrun@mcgill.ca
Mandl	Judith	T cell migration, T cell heterogeneity, responses to pathogens	J Mandl	Bellini	judith.mandl@mcgill.ca
Martin	James	Asthma and the immune system	J Martin	MUHC	james.martin@mcgill.ca
Matlashewski	Greg	leishmaniasis virulence	G Matlashewski	Duff	greg.matlashewski@mcgill.ca
Mazer	Bruce	IL-13 in B lymphocyte maturation & development of memory B cells	B Mazer	MUHC	bruce.mazer@mcgill.ca
McBride	Heidi	Mitochondrial dysfunction in Parkinson's, ALS & other diseases	H McBride	MNI	heidi.mcbride@mcgill.ca
McCaffrey	Luke	Molecular mechanisms of breast cancer initiation	L McCaffrey	GCRC	luke.mccaffrey@mcgill.ca
McCusker	Christine	Immunomodulation in allergy and asthma prevention and treatment	C McCusker	MUHC	christine.mccusker@mcgill.ca
Melichar	Heather	T cells, Thymic development, checkpoint blockade, T cell therapeutics	H. Melichar	GCRC	heather.melichar@mcgill.ca
Metrakos	Peter	Liver disease: proteomics, genomics, and new therapeutics	P Metrakos	MUHC	peter.metrakos@muhc.mcgill.ca
Moraes	Christopher	organ-on-a-chip, microfabrication, microscale tissue engineering, mechanobiology	C. Moraes	Wong bldg	chris.moraes@mcgill.ca
Moroy	Tarik	Transcriptional & epigenetic control of hematopoietic differentiation	T Moroy	IRCM	tarik.moroy@mcgill.ca
Ndao	Momar	Understanding and treating parasitic diseases	M Ndao	MGH	momar.ndao@mcgill.ca
Nijnik	Ana	Leukocyte differentiation, hematopoietic stem cells, transcriptional regulation	A Nijnik	Bellini	anastasiya.nyzhnyk@mcgill.ca
Olivier	Martin	Pathogen-induced modulation of the innate immune response	M Olivier	MUHC	martin.olivier@mcgill.ca
Park	Morag	Role of growth factor receptors in tumor malignancies	M Park	GCRC	morag.park@mcgill.ca
Philip	Anie	Modulation of signalling molecules that mediate tissue repair	A Philip	MGH	anie.philip@mcgill.ca
Piccirillo	Ciro	Role of regulatory T-cells in autoimmune and infectious diseases	C Piccirillo	MUHC	ciro.piccirillo@mcgill.ca
Polychronakos	Constantin	Molecular genetics and immunology of diabetes	C Polychronakos	MUHC	constantin.polychronakos@mcgill.ca
Powell	William	Roles of eicosanoids in inflammation, especially in asthma	W Powell	MUHC	william.powell@mcgill.ca

Quail	Daniela	Role of tumour microenvironment during cancer progression	D Quail	GCRC	daniela.quail@mcgill.ca
Qureshi	Salman	Immunology and genetics of host susceptibility to infection	S Qureshi	MUHC	salman.queshi@mcgill.ca
Radzioch	Danuta	Regulation of inflammatory response in asthma & cystic fibrosis	D Radzioch	MUHC	danuta.radzioch@mcgill.ca
Rauch	Joyce	Induction & pathogenesis of autoantibodies in autoimmune diseases	J Rauch	MUHC	joyce.rauch@mcgill.ca
Riazalhosseini	Yasser	Renal cell carcinoma: genomic and epigenomic contributions	Y Riazalhosseini	Genome	yasser.riazalhosseini@mcgill.ca
Schurr	Erwin	Genetic factors involved in predisposition to tuberculosis and leprosy	E Schurr	MUHC	erwin.schurr@mcgill.ca
Sheppard	Don	Molecular mechanisms underlying pathogenic fungal infections	D Sheppard	MUHC	don.sheppard@mcgill.ca
Siegel	Peter	Mechanisms that control organ-selective cancer metastasis	P Siegel	GCRC	peter.siegel@mcgill.ca
Sonenberg	Nahum	Translation initiation and its physiological consequences	N Sonenberg	GCRC	nahum.sonenberg@mcgill.ca
Spicer	Jonathan	Neutrophil based mechanisms of cancer metastasis	J Spicer	MGH	jonathan.spicer@mcgill.ca
Stratton	Jo Anne	Immune cells in the nervous system	J Stratton	MNI	jo.stratton@mcgill.ca
Suh	Woong-Kyung	T cell costimulation in immunity and cancer	W-K Suh	IRCM	woong-kyung.suh@ircm.qc.ca
Teodoro	Jose	Regulation of tumor angiogenesis; viral killing of cancer cells	J Teodoro	GCRC	jose.teodoro@mcgill.ca
Thanabalasuriar	Ajitha	Understanding innate immune cell behaviour and function on the cornea.	A Thanabalasuriar	McIntyre	ajitha.thanabalasuriar@mcgill.ca
Tremblay	Michel	Role of specific tyrosine phosphatases in cancer	M Tremblay	GCRC	michel.tremblay@mcgill.ca
Tsoukas	Chris	The roles of aging in immunopathologies	C Tsoukas	MUHC	christos.tsoukas@mcgill.ca
Vidal	Silvia	Host response to viral infections: genetic & molecular mechanisms	S Vidal	Bellini	silvia.vidal@mcgill.ca
Walsh	Logan	Genetic basis of human cancer using experimentation & computation	L Walsh	GCRC	logan.walsh@mcgill.ca
Ward	Brian	Studies aimed at overcoming adverse effects of vaccines	B Ward	MUHC	brian.ward@mcgill.ca
Watson	Ian	Genetic basis of melanomas	I Watson	Bellini	ian.watson2@mcgill.ca
White	John	Vitamin D as a regulator of innate immunity & immunopathologies	J White	McIntyre	john.white@mcgill.ca
Zhang	Ji	Involvement of the immune system in the development of chronic pain	J Zhang	Genome	ji.zhang@mcgill.ca

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Genome = Genome Centre, 740 Dr Penfield Ave

IRCM = Institut de recherches cliniques de Montréal, 110 Pine Ave W

LDI = Lady Davis Institute, 3755 Cote-Ste-Catherine Rd

MUHC = McGill University Health Centre, 1001 Decarie Blvd

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