

Supervisor List 2023

Name	Division	Email	Phone	Research Topics
ABOU MEHRAM, Ayman	Neonatology	ayman.aboumehrem@ahs.ca	403-944-3699	<ul style="list-style-type: none"> • Neonatal airway management: We have a strong database of all intubations in the NICU and we are part of the National Emergency Airway Registry for Neonates (NEAR4NEOS @ www.near4neos.org) which is a rich international database for neonatal airway management. • Bronchopulmonary dysplasia prevention and management. • Epidemiological research and quality improvement in preterm infants using the Canadian Neonatal Network (CNN @ www.canadianneonatalnetwork.org) which a pan-Canadian database for all tertiary care NICUs in Canada. • QI Education: improving QI education for frontline healthcare providers using standardized methods such as evidence-based practices for improving quality (EPIQ). • Health Informatics: using electronic medical record data to predict outcomes and improve quality of care.
BIRNIE, Katie	Psychology, Pain Medicine	kathryn.birnie@ucalgary.ca		<ul style="list-style-type: none"> • pain • pediatric pain • patient-oriented research • psychological treatments • systematic reviews • health systems design and delivery • patient engagement • patient-reported outcomes
HO, Josephine	Pediatric Endocrinology	josephine.ho@ahs.ca	403-955-7819	<ul style="list-style-type: none"> • Management in type 1 diabetes • Prevention of DM2 (obesity prevention) • Metabolic syndrome in chronic disease • Management in type 1 diabetes, management in type 2 diabetes, childhood obesity, metabolic syndrome in chronic disease, endocrine late effects in oncology
HUANG, Carol	Pediatric Endocrinology	carol.huang@ahs.ca	403-210-3977	<ul style="list-style-type: none"> • Clinical projects on diabetes and endocrine patients
KELLNER, Jim	Pediatric Infectious Disease	jim.kellner@ahs.ca	403-955-7802	<ul style="list-style-type: none"> • Epidemiology and prevention of pneumococcal infections • Vaccine preventable infections • General issues in Pediatric Infectious Diseases • COVID-19
LANG, Eddy	Emergency Medicine	eddy.lang@ahs.ca	403-944-4584	<ul style="list-style-type: none"> • Knowledge Translation • Computerized physician order entry • Venous thromboembolism • Emergency department operations (overcrowding) • Clinical decision support systems and clinical practice guidelines • Pandemic studies • Overdiagnosis/low value care <p>https://pubmed.ncbi.nlm.nih.gov/?term=Eddy+Lang&sort=date</p>
LODHA, Abhay	Neonatology	abhay.lodha@ahs.ca	403-944-8163	<p>Newborn medicine: especially</p> <ul style="list-style-type: none"> • Newborns: short term and long term outcomes • Perinatal Health outcomes • Systematic reviews • Broncho pulmonary dysplasia (Chronic lung disease) • Necrotizing enterocolitis • Perinatal Epidemiology
MAH, Jean	Pediatric Neurology	jean.mah@ahs.ca	403-955-7817	<ul style="list-style-type: none"> • Early intervention and promotion of healthy lifestyle in children and youth. • Promotion of family-centered care and more effective health services utilization among pediatric neurosciences patients • Clinical trials in pediatric neuromuscular diseases and multiple sclerosis • Health-related quality of life in children with chronic diseases • Role of complementary and alternative therapies in pediatrics • Current: Research Topics are primarily on natural history study and clinical trials related to Pediatric neuromuscular diseases and acquired demyelinating diseases

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MARWAHA, Ashish	Medical Genetics	ashish.marwaha@ahs.ca		<ul style="list-style-type: none"> • Genetics of complex immune dysregulation disorders • Screening in type 1 diabetes
SCHMELING, Heinrike	Rheumatology	heinrike.schmeling@ahs.ca	403-955-7771	<ul style="list-style-type: none"> • Outcomes of autoimmune diseases (childhood arthritis, juvenile dermatomyositis), pharmacogenetics, translational research, registry research • Personalized medicine • QI
SORAISHAM, Amuchou	Neonatology	amuchou.soraisham@ahs.ca	403-944-1615	<ul style="list-style-type: none"> • Neonatal resuscitation and outcome • Chorioamnionitis and brain injury • Cardiovascular effect of perinatal asphyxia • Perinatal epidemiology • Neonatal Health Outcome • Health service delivery • " Neonatal hemodynamics"
THOMPSON, Graham	Pediatric Emergency	graham.thompson@ahs.ca	403-955-7295	<ul style="list-style-type: none"> • pediatric emergency medicine • pediatric sepsis - diagnosis and management • pediatric appendicitis - diagnosis and management • precision medicine for diagnosis in pediatric emergency medicine
TWILT, Marinka	Pediatric Rheumatology	marinka.twilt@ahs.ca	403-955-7480	<ul style="list-style-type: none"> • Juvenile idiopathic arthritis <ul style="list-style-type: none"> o Mental health and exercise o Development of an US screening tool for JIA prediction • Autoinflammatory conditions <ul style="list-style-type: none"> o Anakinra use in Calgary (new diagnosis and response) o Colchicine response in autoinflammatory diseases not yet defined
VEALE, Pam	Developmental Peds	pamela.veale@ahs.ca	403-955-5912	<ul style="list-style-type: none"> • Medical Education • Developmental Pediatrics