

<b><u>List of MHRC Seminar Speakers (Invited Talks and MHAD Speakers)</u></b>				
	<b>Speaker Name</b>	<b>University / Affiliation</b>	<b>Topic</b>	<b>Year</b>
<b>1</b>	Dr. Marius Locke	Toronto	NFkB, Muscle	2010
<b>2</b>	Dr. Sandra Peters	Brock	PLIN, PKA, muscle	2010
<b>3</b>	Dr. Scott Heximer	Toronto	Cardiac muscle physiology	2010
<b>4</b>	Dr. Gianni Parise	McMaster	Satellite cells, muscle and exercise	2010
<b>5</b>	Dr. Ingrid Tein	Sick Kids / Toronto	Mitochondrial disease	2010
<b>6</b>	Dr. Graham Holloway	Guelph	Fatty Acids, Muscle	2010
<b>7</b>	Dr. Greg Wells	Toronto	Exercise performance	2010
<b>8</b>	Dr. Anthony Gramolini	Toronto	Sarcoplasmic reticulum function	2010
<b>9</b>	Dr. Bengt Saltin	Copenhagen, Honorary Doctorate	Exercise, fatigue, glycogen	2011
<b>10</b>	Dr. Olivier Birot	York	Muscle angiogenesis	2011
<b>11</b>	Dr. James Rush	Waterloo	Hypertension, muscle	2011
<b>12</b>	Dr. Kyra Pyke	Queen's	Muscle, blood flow	2011
<b>13</b>	Dr. Celine Boudreau	Laurentian	Cytoskeletal proteins in muscle	2011
<b>14</b>	Dr. Russ Tupling	Waterloo	Sarcolipin, muscle	2011
<b>15</b>	Dr. Peter Tiidus	Wilfred Laurier	Hormones, muscle	2011
<b>16</b>	Dr. David Malkin	Toronto	Rhabdomyosarcoma muscle	2011
<b>17</b>	Dr. Simon Lees	Laurentian	Satellite cells, muscle	2011
<b>18</b>	Dr. Greg Steinberg	McMaster	AMPK, muscle	2011
<b>19</b>	Dr. Mark Tarnopolsky	McMaster	Mitochondrial disease, exercise	2011
<b>20</b>	Dr. Vicki Baracos	Alberta	Cancer cachexia	2012
<b>21</b>	Dr. Patrick Seale	Pennsylvania, USA	Brown/beige fat	2012
<b>22</b>	Dr. Tom Hawke	McMaster	Satellite cells, muscular dystrophy	2012
<b>23</b>	Dr. Greg Cartee	Michigan, USA	Insulin sensitivity, muscle	2012

<b>24</b>	Dr. Jack Goodman	Toronto	Cardiac adaptations to exercise	2012
<b>25</b>	Dr. Coral Murrant	Guelph	Angiogenesis	2012
<b>26</b>	Dr. Maureen MacDonald	McMaster	Blood flow in muscle	2012
<b>27</b>	Dr. Tami Martino	Guelph	Circadian rhythms and the heart	2012
<b>28</b>	Dr. Joe Quadrilatero	Waterloo	Apoptosis, muscle	2012
<b>29</b>	Dr. Eldad Zacksenhaus	Toronto	Myogenesis	2012
<b>30</b>	Dr. David Wright	Guelph	Adipose tissue, muscle	2012
<b>31</b>	Dr. Ian Scott	Sick Kids / Toronto	Muscle development	2012
<b>32</b>	Dr. Jason Fish	Toronto	Angiogenesis, muscle	2013
<b>33</b>	Dr. Sabah Hussain	McGill	Autophagy, muscle	2013
<b>34</b>	Dr. Ilona Skerjanc	Ottawa	Cardiomyogenesis	2013
<b>35</b>	Dr. Guillaume Grenier	Sherbrooke	Muscle trauma	2013
<b>36</b>	Dr. Robert Dirksen	Rochester, USA	Calcium, muscle	2013
<b>37</b>	Dr. John Grande	Sick Kids	Neuromuscular junction	2013
<b>38</b>	Dr. Jeffrey Horowitz	Michigan, USA	Metabolism, exercise	2013
<b>39</b>	Dr. Bernard Jasmin	Ottawa	Muscular dystrophy	2013
<b>40</b>	Dr. Jayne Kalmar	Wilfrid Laurier	Neurological, muscle	2013
<b>41</b>	Dr. Geoff Pickering	Western	Angiogenesis, muscle	2013
<b>42</b>	Dr. Lawrence Spriet	Guelph	Mitochondria, muscle	2013
<b>43</b>	Dr. Michael Tschakovsky	Queen's	Muscle blood flow regulation	2013
<b>44</b>	Dr. David Williamson	Buffalo, USA	Cell cycle in muscle	2013

<b>45</b>	Dr. James Carson	South Carolina, USA	Cancer cachexia	2013
<b>46</b>	Dr. Daniel Kane	St. Francis Xavier	Mitochondria, muscle	2013
<b>47</b>	Dr. Marion Pauly	Montpellier, France	Muscle autophagy	2013
<b>48</b>	Dr. Michael Rudnicki	Ottawa Hospital Research Inst.	Stem cells, muscle	2014
<b>49</b>	Dr. Dale Abel	Iowa	Mitochondria, insulin, cardiac failure	2014
<b>50</b>	Dr. Rene Vandenboom	Brock	Myosin light chain phosphorylation	2014
<b>51</b>	Dr. Jeremy Simpson	Guelph	Cardiac Muscle, hypoxia	2014
<b>52</b>	Dr. David MacLennan	Toronto	Calcium, myopathy	2014
<b>53</b>	Dr. Joe Chakkalakal	Rochester	Stem cells, muscle	2014
<b>54</b>	Dr. Penney Gilbert	Toronto	Regeneration, tissue engineering	2014
<b>55</b>	Dr. Ronald Cohn	Sick Kids / Toronto	Muscle mass regulation	2014
<b>56</b>	Dr. Brendan Gurd	Queen's	Exercise, mitochondrial metabolism	2014
<b>57</b>	Dr. Minna Woo	UHN / Toronto	Autophagy, muscle	2014
<b>58</b>	Dr. Raynald Bergeron	Montreal	Metabolism, maternal exercise	2014
<b>59</b>	Dr. Mary-Ellen Harper	Ottawa	Mitochondria, obesity, oxidative stress	2014
<b>60</b>	Dr. SoJung Lee	Children's Hospital of Pittsburgh	Childhood obesity, physical activity	2015
<b>61</b>	Dr. Pasan Fernando	Ottawa	Cardiac muscle, apoptosis/necroptosis	2015
<b>62</b>	Dr. David Glass	Harvard / Novartis	Muscle mass regulation	2015
<b>63</b>	Dr. Thomas Gustafsson	Karolinska	Muscle metabolism	2015

<b>64</b>	Dr. John Dawson	Guelph	actin, cardiac disease	2015
<b>65</b>	Dr. Paul LeBlanc	Brock	skeletal muscle membranes	2015
<b>66</b>	Dr. Sara N.Vasconcelos	TGRI / Toronto	regeneration and neovascularization	2015
<b>67</b>	Dr. Stuart Phillips	McMaster	muscle atrophy	2015
<b>68</b>	Dr. Jean-Marc Renaud	Ottawa	membranes and protein channels	2015
<b>69</b>	Dr. Robert Ross	Queen's	obesity management	2015
<b>70</b>	Dr. Julie St-Pierre	McGill	mitochondrial metabolism	2015
<b>71</b>	Dr. Simon Wing	McGill	muscle mass, deubiquitination	2015
<b>72</b>	Dr. Joseph Miano	Rochester	Crispr/Cas9	2015
<b>73</b>	Dr. Roger Fielding	Tufts	Muscle protein synthesis/aging	2015
<b>74</b>	Dr. Keith Baar	UC Davis	Muscle remodelling	2016
<b>75</b>	Dr. Erin Kershaw	UPMC Pittsburgh	Insulin resistance	2016
<b>76</b>	Dr. Martin Picard	Colombia	Mitochondrial morphology	2016
<b>77</b>	Dr. Francisco Naya	Boston	transcription, cardiac muscle	2016
<b>78</b>	Dr. Ashok Kumar	Louisville	muscle growth and atrophy	2016
<b>79</b>	Dr. Jane Batt	St. Michael's Hospital / University of Toronto	Muscle atrophy	2016
<b>80</b>	Dr. Amira Klip	Hospital for Sick Children / University of Toronto	Insulin signaling, skeletal muscle	2016
<b>81</b>	Dr. Jim Dowling	Hospital for Sick Children / University of Toronto	Gene therapy for musculoskeletal diseases	2016

<b>82</b>	Dr. Martin Gibala	McMaster University	Interval training	2016
<b>83</b>	Dr. Ren-Ke Li	UHN / TGRI	Tissue engineering, cardiac muscle	2016
<b>84</b>	Dr. Graham Fraser	University of Western Ontario	blood flow, skeletal muscle	2016
<b>85</b>	Dr. Jeff Dilworth	University of Ottawa	Stem cells, skeletal muscle	2016
<b>86</b>	Dr. Yan Burrelle	University of Montreal	Mitochondria and mitochondria derived vesicles	2016
<b>87</b>	Dr. William Schrage	Wisconsin-Madison	blood flow, obesity	2016
<b>88</b>	Dr. Kenneth Walsh	Boston University	Cardiac metabolism, genetics	2017
<b>89</b>	Dr. Jonathan Schertzer	McMaster University	Inflammation, myopathy and sarcopenia	2017
<b>90</b>	Dr. Milica Radisic	University of Toronto	Cardiac and vascular tissue engineering	2017
<b>91</b>	Dr. Chetan Phadke	West Park Health Care Centre	Spasticity in patients post-stroke	2017
<b>92</b>	Dr. Kei Masani	University of Toronto	Functional electrical stimulation of muscle	2017
<b>93</b>	Dr. Jefferson Frisbee	University of Western Ontario	Microvascular dysfunction, metabolic syndrome	2017
<b>94</b>	Dr. Michael De Lisio	University of Ottawa	Stem cells, marrow adipose tissue and exercise	2017
<b>95</b>	Dr. Kim Connelly	St. Michael's Hospital	Cardiac fibroblast and matrix interactions	2017
<b>96</b>	Dr. Nashwa Cheema	University of Alberta	Apoptosis and necrosis in aging muscle	2017
<b>97</b>	Dr. Vladimir Ljubicic	McMaster University	Skeletal muscle function, protein expression in exercise and atrophy	2017
<b>98</b>	Dr. David Bishop	Victoria University, Melbourne	Exercise, mitochondrial biogenesis signaling	2017
<b>99</b>	Dr. Yuho Kim	NIH, Bethesda	Exercise and lysosomes	2017
<b>100</b>	Dr. David Brown	Virginia Tech	Mitochondrial function as a therapeutic target	2017

<b>101</b>	Dr. C. Florian Bentzinger	University of Sherbrooke	skeletal muscle regeneration, stem cells	2017
<b>102</b>	Dr. Kristin Stanford	Ohio State University	Muscle-Adipose tissue crosstalk	2017
<b>103</b>	Dr. Susan Howlett	Dalhousie University	Aging, muscle frailty, cardiac function	2018
<b>104</b>	Dr. Micah Drummond	University of Utah	Muscle protein metabolism rehabilitation and exercise	2018
<b>105</b>	Dr. Zoltan Arany	University of Pennsylvania	Skeletal muscle interactions with other tissues	2018
<b>106</b>	Dr. Bret Goodpaster	Florida Hospital	Human obesity, insulin resistance, mitochondria, diabetes	2018
<b>107</b>	Dr. Keir Menzies	University of Ottawa	aging, metabolism, mitochondria, exercise Physiology	2018
<b>108</b>	Dr. Daniel Moore	University of Toronto	Muscle remodeling, protein metabolism, exercise	2018
<b>109</b>	Dr. Charles Thornton	University of Rochester	Neurogenetic disorders, Myotonia	2018
<b>110</b>	Dr. Tessa Gordon	University of Toronto	Neuromuscular disorders, muscular dystrophy, ALS	2018
<b>111</b>	Dr. Audrey Hicks	McMaster University	Exercise Rehabilitation; Neurological Impairments	2018
<b>112</b>	Dr. Bobby Yanagawa	St. Michael's Hospital	Clinical studies of ischemic, valvular heart disease	2018
<b>113</b>	Dr. Chris Ellis	University of Western Ontario	Microcirculation & Cellular Biophysics	2018
<b>114</b>	Dr. Neils Ortenblad	University of Southern Denmark	metabolism, animal physiology	2018
<b>115</b>	Dr. Matthew Cocks	Liverpool John Moores University	skeletal muscle, microvasculature, obesity	2018
<b>116</b>	Dr. Heather Smith	University of Auckland	Exercise & skeletal muscle	2018
<b>117</b>	Dr. Colin Crist	McGill University	skeletal muscle, aging	2018
<b>118</b>	Dr. Rajan Sah	Washington University	Obesity, cardiac metabolism	2018
<b>119</b>	Dr. Laurence Kazak	McGill University	mitochondria in brown and white fat	2019

<b>120</b>	Dr. Keith Dadson	University Health Network	heart function	2019
<b>121</b>	Dr. Mireille Khacho	University of Ottawa	mitochondria regulation, stem cell function	2019
<b>122</b>	Dr. Paul Oh	University of Toronto	Cardiovascular health	2019
<b>123</b>	Dr. Geoffrey A. Power	University of Guelph	muscle function, neuromuscular control	2019
<b>124</b>	Dr. David J. Dyck	University of Guelph	lipid, carbohydrate metabolism, exercise	2019
<b>125</b>	Dr. Marina Mourtzakis	University of Waterloo	nutrition, exercise, body composition	2019
<b>126</b>	Dr. Clark Dickerson	University of Waterloo	identifying work related stresses in the shoulder	2019
<b>127</b>	Dr. K Sree Nair	Mayo Clinic	Mitochondria, insulin, brain	2019
<b>128</b>	Dr. Eric Thorin	University of Montreal	Brain, aging vessels	2020
<b>129</b>	Dr. Andrew Judge	University of Florida	muscle wasting, cancer	2020
<b>130</b>	Dr. Charlotte Peterson	University of Kentucky	skeletal muscle, aging, satellite cells	2020
<b>140</b>	Dr. Imed Gallouzi	McGill University	HuR and muscle phenotype	2020
<b>141</b>	Dr. Jacob Haus	University of Michigan	Protein modifications in metabolic disease	2020
<b>142</b>	Dr. Scot Kimball	Pennsylvania State University	Muscle protein turnover regulation	2020
<b>143</b>	Dr. Phillip J. Millar	University of Guelph	Sympathetic NS control of blood flow	2020
<b>144</b>	Dr. Sunita Mathur	University of Toronto	Muscle physiology: techniques in physical therapy	2020
<b>145</b>	Dr. Kim Dunham-Snary	Queen's University	Mitochondrial and nuclear DNA crosstalk	2020
<b>145</b>	Dr. Richard L. Hughson	University of Waterloo	Physiology of spaceflight	2020

<b>146</b>	Dr. Katsu Funai	University of Utah	Mitochondrial membrane lipids regulate metabolic efficiency	2021
<b>147</b>	Dr. Dr. Karyn Esser	University of Florida	Muscle clocks, muscle health and systemic health	2021
<b>148</b>	Dr. John Thyfault	University of Kansas	Aerobic capacity, skeletal muscle mitochondria, and risk for disease	2021
<b>149</b>	Dr. Bill Sheel	University of British Columbia	Competition for blood flow distribution between respiratory and locomotor muscles: implications for muscle fatigue	2021
<b>150</b>	Dr. Glen Tibbits	Simon Fraser University	Investigating inherited cardiomyopathies and arrhythmias using hiPSC-derived cardiomyocytes	2021
<b>151</b>	Dr. Joseph Gordon	University of Manitoba	Molecular regulation of muscle mitophagy: A nexus of mitochondrial quality control and cell signaling modulation	2021
<b>152</b>	Dr. Rachel Colley	Statistics Canada	Physical Activity among Canadians- trends, challenges and future directions	2021
<b>153</b>	Dr. Natasha Chang	McGill University	Molecular mechanisms of satellite cell function and dysfunction	2021
<b>154</b>	Dr. Jamie Burr	University of Guelph	Citius, altius, fortius: Scientia. Human Performance Physiology	2021
<b>155</b>	Dr. Douglas Millay	Cincinnati Children's Medical Centre	Multinucleation and myonuclear accretion during muscle adaptations	2021
<b>156</b>	Dr. Bernadette Murphy	University of Ontario Institute of Technology	Effect of muscle fatigue on sensorimotor integration	2022
<b>157</b>	Dr. Jon Ramsey	University of California- Davis	Ketogenic diet strategies and aging	2022
<b>158</b>	Dr. Nicholas Burd	University of Illinois- Urbana Champaign	Food based recommendations to optimize the muscle adaptive response	2022



<b>159</b>	Dr. Celine Aguer	McGill University- Outaouais	Autocrine role of myokines in regulating skeletal muscle metabolism	2022
<b>160</b>	Dr. Steven Segal	University of Missouri	Microvascular injury, protection, and regeneration	2022
<b>161</b>	Dr. Brian Glancy	National Institutes of Health	Sustaining power: building energy networks in striated muscles	2022
<b>162</b>	Dr. Scott Trappe	Ball State University	The Aging Athlete	2022
<b>163</b>	Dr. Mark Haykowsky	University of Alberta	Exercise limitations in heart failure and preserved ejection function: control role of the periphery	2022
<b>164</b>	Dr. Nadine Wiper-Bergeron	University of Ottawa	Linking inflammation to muscle wasting in cachexia: A role for C/EBPbeta in tumours and muscle	2023
<b>165</b>	Dr. Walter Herzog	University of Calgary	The role of titin in muscle function: proposal vs. evidence	2023
<b>166</b>	Dr. Glen Foster	University of British Columbia	Neurocirculatory consequences of hypoxia: implications for obstructive sleep apnea	2023
<b>167</b>	Dr. Kevin Murach	University of Arkansas-Fayetteville	Exploring MYC in Muscle	2023
<b>164</b>	Dr. Lauren Sparks	Advent Health-Orlando Florida	Metabolic imprinting of human skeletal muscle cells with exercise training	2023
<b>165</b>	Dr. Ewan Goligher	University of Toronto	Ventilator-induced diaphragm in the critically ill: mechanisms, outcomes, and opportunities for intervention	2023
<b>166</b>	Dr. David MacLean	Northern Ontario School of Medicine University	Cancer, chemotherapy and exercise: New insights using rodent models	2023
<b>167</b>	Dr. Panagiota (Nota) Klentrou	Brock University	The bone response to exercise: what can blood markers tell us?	2023

<b>168</b>	Dr. Tyler Churchward-Venne	McGill University	Reemerging role of ketone bodies as regulators of skeletal muscle protein turnover	2023
<b>169</b>	Dr. Jamie Melling	University of Western Ontario	The effect of exercise on skeletal muscle metabolism and insulin resistance development in type 1 diabetes	2023
<b>170</b>	Dr. Heather Edgell	York University	Sex differences in the cardiorespiratory response to reflex activation	2023
<b>171</b>	Dr. Michaela Devries- Aboud	University of Waterloo	Sex-based differences in muscle metabolism	2023
<b>172</b>	Dr. Amy Kirkham	University of Toronto	Magnetic resonance imaging as a novel tool to uncover cardiac and skeletal muscle determinants of exercise intolerance	2023
<b>173</b>	Dr. Takeshi Yamada	Sapporo Medical School	Effects of interval training-mimicking electrical stimulation (IT-ES) on normal and dystrophic mouse muscles	2023
<b>174</b>	Dr. Daiki Watanabe	Osaka University of Health and Sport Science	Changes in excitation-contraction coupling with prolonged muscle fatigue and overtraining	2023