

# Curriculum Vitae

## 1. General information

<b>Name</b>	David A Hood		
<b>Affiliation</b>	York University, Toronto, Canada		
<b>Phone (Office)</b>		<b>E-mail</b>	dhood@yorku.ca

## 2. Educational background & professional experience

<u>Year</u>	<u>Degree</u>	<u>Field</u>	<u>Location</u>
1988-present	Professor and Canada Research Chair, York University, Toronto, Canada		
1986-8	Post-Doc	Biology	University of Konstanz, Germany
1986	Ph.D.	Physiology	State University of New York, Syracuse, NY
1981	M.Sc.	Physical Education	Dalhousie University, Halifax, NS.
1979	B.A.-	Physical Education	Queen's Univ., Kingston, Ont.

## 3. Research interests

1. Mitochondrial biogenesis and mitophagy in skeletal muscle
2. Effects of aging and exercise on mitochondrial biogenesis

## 4. List of major publications

- Vainshtein, A., L.D. Tryon, M. Pauly, and D.A. Hood. The role of PGC-1 $\alpha$  during acute exercise-induced autophagy and mitophagy in skeletal muscle. Am. J. Physiol. Cell Physiol. 308:C710-C720, 2015
- Vainshtein, A. and D.A. Hood. The regulation of autophagy during exercise in skeletal muscle. J. Appl. Physiol. 120: 664-673, 2016.
- Hood, D.A., L.D. Tryon, A. Vainshtein, J. Memme, C. Chen, M. Pauly, M.J. Crilly and H. Carter, Exercise and the Regulation of Mitochondrial Turnover. Progress in Molecular Biology and Translational Science, 135: 99-127, 2015.
- Tryon, L.D., M.J. Crilly and D.A. Hood. Effect of denervation on the regulation of mitochondrial transcription factor A expression in skeletal muscle. Am. J. Physiol. Cell Physiol. 309: C228-38, 2015.
- Carter, H.N., C.C.W. Chen and D.A. Hood. Mitochondria, Muscle Health and Exercise with Advancing Age. Physiology 30:208-223, 2015.