2017 CCUBC Career Achievement Award
Dr. Judy Anderson,
University of Manitoba, Winnipeg, MB

Nomination Letter for Dr. Judy Anderson submitted by Suzie Currie, Mount Allison University

Dr. Anderson has been a faculty member at the University of Manitoba for 29 years beginning her career in the Department of Anatomy. For the past 10 years, she has served as an exceptional Head of the Department of Biological Sciences. She has an impressive and vibrant career, recognized with many external and internal awards and distinctions. Notably, Dr. Anderson was awarded an Australian Executive Endeavour Award for Professional Development (2012) and in the same year an Invited Fellowship from the Japan Society for the Promotion of Science. Dr. Anderson received the Phenomenal Woman Award sponsored by the Canadian Foundation of Women in 2001 and the year before was interviewed by CBC's Peter Gzowski in the series "Some of the Best Minds of our Time". Wow!

Dr. Anderson is a world-renowned muscle cell biologist and scholar. She conducts fundamental research in satellite cell biology where she and her group have integrated human muscle function with mechanistic and cutting edge research in cell signaling. She is driven by basic cell biological questions but additionally her work has a clear therapeutic goal in the area of muscular dystrophy. For example, Dr. Anderson has made major contributions to the development of the high-profile field of myogenesis, muscle satellite and stem cells. She and her team have a patent for a novel drug, MyoNovin, designed to treat muscle atrophy and promote muscle regeneration. This drug delivers nitric oxide to muscle and has been heralded as a breakthrough in muscle

physiology. This marriage of applied and discovery-based research has led to direct therapeutic applications in the form of clinical trials to use the drug to treat Duchenne dystrophy.

Overall, Dr. Anderson's research contributions have led to significant HQP training, many impactful national and international collaborations, leading to discoveries and the development of intellectual property and its applications while building a research