Adopted by the Regents
September 22, 2022
Revised
August 18, 2023

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: **Report of Faculty Retirement**

Action Requested: **Adoption of Retirement Memoir**

Malcolm Low, M.D., Ph.D., professor of molecular and integrative physiology and professor of internal medicine in the Medical School, retired from active faculty status on August 31, 2022.

Dr. Low attended Albany Medical College in 1975 and was awarded his M.D. degree in 1979. Upon completion of his medical schooling, Dr. Low began an internship and residency in internal medicine at Michael Reese Hospital in Chicago which was completed in 1982. From 1982-1984, Dr. Low completed a clinical fellowship in medicine (endocrinology) at the New England Medical Center Hospital in Boston. It was during this time that Dr. Low also began pursuing his Ph.D. degree from the Sackler School of Graduate Biomedical Sciences at Tufts University.

Simultaneously while pursuing his Ph.D., Dr. Low was also completing a research fellowship in medicine (neuroendocrinology) at Tufts University. He was awarded his Ph.D. in 1987. Dr. Low held several academic appointments at both the New England Medical Center and Oregon Health & Science University before coming to the University of Michigan in 2009 as a professor in both the Departments of Molecular and Integrative Physiology and Internal Medicine. In 2015, Dr. Low was named the David F. Bohr Collegiate Professor of Physiology.

Dr. Low is a physician/scientist with an internationally recognized career in the field of neuroendocrinology. His laboratory has been funded continuously for 38 years by the National Institutes of Health and supplemented by multiple trainee, foundation, and biopharmaceutical awards. His first major scientific accomplishment was to generate multiple transgenic and gene knockout mouse models that provided novel insights into the physiology of dopamine receptors and several neuropeptide/receptor partners that control hypothalamic-pituitary endocrine systems. Based on this experience, Dr. Low developed a fee-for-service transgenic core facility at the Oregon Health & Sciences University that continues to operate in 2022 and facilitates the research of faculty in diverse areas of the biomedical sciences. He authored a comprehensive chapter entitled "Neuroendocrinology" in four successive editions of the classic *Williams Textbook of Endocrinology*. The major focus of Dr. Low's current research is to define how the obesity gene *Proopiomelanocortin* plays a major physiological role in the brain's regulation of feeding behavior and metabolism. These studies use a combination of mutant mouse models, state-of-the-art genetic assays, and metabolic/behavioral phenotyping. In addition to his own research program, Dr. Low directed the NIGMS-funded Systems and Integrative Biology T32 training program for nine years and was P.I. of a multimillion-dollar NIH grant that established the Michigan Mutant Mouse Phenotyping Center.

The Regents now salute this distinguished faculty member by naming **Malcolm Low, professor emeritus of molecular and integrative physiology and professor emeritus of internal medicine.**

Requested by:

Sally J. Churchill

Sally J. Churchill, J.D.
Vice President and Secretary of the University **September 2022**