

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Theodora S. Ross, M.D., Ph.D., associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School, is recommended for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

Ph.D.	1993	Washington University
M.D.	1993	Washington University
B.A.	1986	Kalamazoo College

Professional Record:

2005-present	Associate Professor of Internal Medicine, University of Michigan
1999-2005	Assistant Professor of Internal Medicine, University of Michigan
1998-1999	Instructor in Oncology, Dana Farber Cancer Institute, Harvard University

Summary of Evaluation:

Teaching: Dr. Ross' educational activities focus on classroom and laboratory training of graduate students and postdoctoral fellows. She lectures in the Cancer Biology 553 course, and gives intramural seminars. In the laboratory, Dr. Ross has trained several undergraduate students, graduate students and postdoctoral fellows, many of whom have received awards for their work. As a member of the Cell and Molecular Biology program, she also serves on dissertation committees and preliminary exam committees for graduate students. Since 2007, Dr. Ross has been the associate director of the University of Michigan Medical Scientist Training Program (MSTP). She also initiated the pre-MSTP minority recruiting summer program as well as the MudPhud Club program which brings together MSTP trainees in an informal setting to interview a guest physician scientist.

Research: Dr. Ross' research focuses on mechanisms of how normal cells transform into cancer cells. She has 33 peer-reviewed publications with 24 as first or senior author. Dr. Ross also has an excellent track record of extramural funding, with two current NIH R01 grants as principal investigator as well as a Leukemia and Lymphoma Society Scholar Award, and a Burroughs Wellcome Clinical Scientist Translational Research Award. She has served on a number of study sections for the Department of Defense and NIH. In 2004, Dr. Ross received the Department of Internal Medicine Jerome W. Conn Award for Excellence in Research, and was also elected to the American Society of Clinical Investigation in recognition of her accomplishments.

Recent and Significant Publications:

Oravec-Wilson KI, Philips ST, Yilmaz OH, Li L, Crawford BD, Gauvin AM, Lucas PC, Sitwala K, Downing JR, Morrison SJ and Ross TS: Persistence of leukemia-initiating cells in a conditional knockin model of an imatinib-responsive myeloproliferative disorder. *Cancer Cell* 16:137-148, 2009.

Graves CW, Philips ST, Bradley SV, Oravec-Wilson KI, Li L, Gauvin A and Ross TS: Use of a cryptic splice site allows for the expression of HIP1 in select normal and neoplastic tissues. *Cancer Res* 68:1064-1073, 2008.

Bradley SV, Hyun TS, Oravec-Wilson KI, Li L, Waldorff E, Ermilov A, Goldstein S, Zhang CX, Drubin DG, Varela K, Parlow A, Dlugosz AA and Ross TS: Degenerative phenotypes caused by the combined deficiency of murine HIP1 and HIP1r are rescued by human HIP1. *Hum Mol Genet* 16:1279-1292, 2007.

Bradley SV, Holland EC, Liu GY, Thomas D, Hyun TS and Ross TS: Huntingtin interacting protein 1 is a novel brain tumor marker that associates with epidermal growth factor receptor. *Cancer Res* 67:3609-3615, 2007.

Bradley SV, Oravec-Wilson KI, Gougeard G, Mizukami I, Li L, Munaco AJ, Sreekumar A, Chinnaiyan AM, Corradetti MN, Sanda MG, and Ross TS: Serum Antibodies to Huntingtin Interacting Protein-1: a new blood test for prostate cancer. *Cancer Res* 65:4126-4133, 2005.

Service: In addition to her scholarly work, Dr. Ross remains active in her role as a physician in the Breast Cancer clinic. She is also involved in service, participating on the University of Michigan Cancer Center Adrenal Cancer Program Advisory Board, and as associate director of the Medical Scientist Training Program. At the national level, she served as president of Concert for the Cure from 1997-2003, and is currently secretary/treasurer for the American Society for Clinical Investigation.

External Review:

Reviewer A: "...Dr. Ross has a national and international reputation as an outstanding physician investigator. I believe she qualifies for promotion to professor at any of the top medical schools and that she will continue to produce high quality scientific investigations."

Reviewer B: "I believe that Theo's creative record as an independent investigator, her scientific acumen, and organizational prowess provide clear evidence that she is an outstanding physician-scientist. Her current record would certainly place her on a trajectory for promotion to Professor at our institution..."

Reviewer C: "...Dr. Ross' sustained distinguished scholarly activity has been codified in over 33 peer reviewed original publications, several in super-high impact journals, continuous extramural funding...Her well-deserved national and international reputation is marked by her 2008 election to ASCI...Dr. Theo Ross represents the top 5% in her field and clearly meets, if

not exceeds, your minimal criteria for promotion to Professor of Medicine.”

Reviewer D: “...Dr. Ross has earned her promotion to Professor of Internal Medicine...She is an excellent scientist, mentor and an important contributor to the scientific community. She is recognized internationally as a leader in the field of hematopoietic malignancies. If she were up for promotion to Full Professor at [my institution], I suspect that she would easily clear the bar for promotion.”

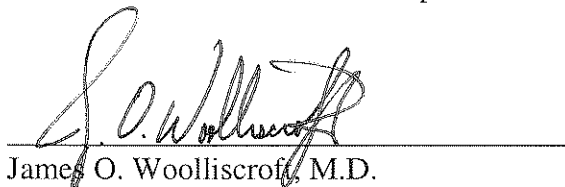
Reviewer E: “Dr. Ross is an extremely well-trained and accomplished basic researcher with a proven ability to think mechanistically and probe signaling pathways...She has clearly established herself as a national leader in this area of research...Dr. Ross has clearly demonstrated success and leadership in fulfilling both her clinical and research obligations and should be an outstanding candidate for this Professorship.”

Reviewer F: “Dr. Ross has maintained steady funding on her HIP1 work since 2003. Her productivity on that grant has been outstanding, and it appears that she is making important contributions to the HIP1 field...I believe that Dr. Ross would be promoted to Full Professor at my institution.”

Reviewer G: “Dr. Ross is a highly talented physician scientist. This is clearly reflected in her choice of doing meaningful translational research...There is no doubt in my mind that she is among the best of physician scientists [sic] in the [sic] leukemia research field...I fully support the promotion of Dr. Ross to Professor at your school.”

Summary of Recommendation:

Dr. Ross is a productive investigator with an excellent track record of extramural support who has an established national reputation in the area of mechanisms of cellular transformation. Additionally, she actively contributes to the clinical, teaching and service missions of the institution. Therefore, Dr. Ross is an excellent candidate for promotion to professor of internal medicine, with tenure, in the Department of Internal Medicine.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2011