

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Nithya Ramnath, M.B.B.S., associate professor of internal medicine, without tenure, Department of Internal Medicine, Medical School, is recommended for the granting of tenure to be held with her title of associate professor of internal medicine, Department of Internal Medicine, Medical School.

Academic Degrees:

M.B.B.S.	1987	Jawaharlal Institute of Post Graduate Medical Education (JIPMER), Pondicherry, India
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Professional Record:

2008-present	Associate Professor of Internal Medicine, University of Michigan
2007-2008	Associate Professor of Oncology, Roswell Park Cancer Institute, Buffalo, NY
1999 –2007	Assistant Professor of Medicine, State University of NY at Buffalo, Attending Physician, Roswell Park Cancer Institute
1996 -1999	Staff Physician, Medina Community Hospital, Hondo, TX

Summary of Evaluation:

Teaching: Teaching has always been an integral part of Dr. Ramnath's academic career. In 1994, she won the Leo Davidoff Award for outstanding achievement as a house officer in the teaching of medical students at Wayne State University. Since then, Dr. Ramnath has participated in a variety of teaching activities and has served as a mentor to a number of trainees, including graduate students, residents and fellows. Her teaching duties routinely include education of rotating residents and fellows in the principles and practice of thoracic oncology through didactic lectures as well as in outpatient clinics and inpatient rounds. In addition, Dr. Ramnath provides a core lecture each year for the Oncology Core Curriculum, and is a member of the T32 medical oncology training grant faculty. Institutionally, she serves on the Medical School admissions committee, and nationally, she serves on the American Society of Clinical Oncology (ASCO) educational booklet committee, and has contributed a chapter to the book "Tumor Board Review: Guidelines and Case Review in Oncology."

Research: Dr. Ramnath's research interests include all aspects of the treatment of lung cancer, particularly prognostic markers and the development of natural compounds such as vitamin D and selenium that may influence response in combination with traditional approaches using chemotherapy and/or radiation therapy. She has 61 peer-reviewed publications, with more than 20 articles published in the past three years, and has also authored eight book chapters. Dr. Ramnath is currently the principal investigator on an NIH R21 award and VA Merit Award. She has been the principal investigator or co-investigator on numerous Phase I/II studies and is

currently the principal investigator on a trial investigating the role of vitamin D metabolism in non-small cell lung cancer. Recognition of Dr. Ramnath's expertise is evident in her service on the VA Merit Review ONCA Study Section and on the editorial board of the *Journal of Clinical Oncology*. She is also a member of the American College of Chest Physicians Lung Cancer Guidelines Committee.

Recent and Significant Publications:

Chen G, Kim S, King AN, Zhao L, Simpson RU, Christensen PJ, Wang Z, Thomas DG, Giordano TJ, Lin L, Brenner DE, Beer DG, Ramnath N: CYP24A1 Is an independent prognostic of survival in patients with lung adenocarcinoma. *Clin Cancer Res* 17:817-826, 2011.

King AN, Beer DG, Christensen PJ, Simpson RU, Ramnath N: The vitamin D/CYP24A1 story in cancer. *Anticancer Agents Med Chem* 10:213-224, 2010.

Bogner PN, Patnaik SK, Pitoniak R, Kannisto E, Repasky E, Hylander B, Yendamuri S, Ramnath N: Lung cancer xenografting alters microRNA profile but not immunophenotype. *Biochem Biophys Res Commun* 386:305-310, 2009.

Rassnick KM, Muindi JR, Johnson CS, Balkman CE, Ramnath N, Yu WD, Engler KL, Page RL, Trump DL: In vitro and in vivo evaluation of combined calcitriol and Cisplatin in dogs with spontaneously occurring tumors. *Cancer Chemother Pharmacol* 62:881-891, 2008.

Ramnath N, Menezes RJ, Loewen G, Dua P, Eid F, Alkhaddo J, Paganelli G, Natarajan N, Reid ME: Hormone replacement therapy as a risk factor for non-small cell lung cancer: results of a case control study. *Oncology* 73:305-310, 2007.

Service: Dr. Ramnath's clinical practice focuses on the care of patients with lung cancer. She sees patients in inpatient and outpatient settings, both at the University Cancer Center and at the Ann Arbor VA Medical Center. She has a strong commitment to patient care, which is reflected both in her research and her compassion for her patients. Dr. Ramnath has served on the Cancer Center Protocol Review Committee and the VA Cancer Center Collaborative. She is currently a member of the SWOG Respiratory Care Committee and the American College of Chest Physicians Lung Cancer Guidelines Committee.

External Reviewers:

Reviewer A: "Overall, Dr. Ramnath has published over 65 papers, about 5 or 6 papers per year on average during the last 10 years. Several of her papers have appeared in respected journals such as Clinical Cancer Research and Journal of Clinical Oncology....her focus on vitamin D signaling in lung cancer is innovative and potentially important....Dr. Ramnath is currently well supported by external awards from the VA system and NIH."

Reviewer B: "I have heard her present and find her to be an astute academician who has taken a national leadership role in the area of clinical thoracic oncology. Dr. Ramnath has demonstrated all of the requisite landmarks in developing her academic leadership career. This is evidenced by

peer-reviewed funding obtained from both the NIH, the VA and industry. She has also played a role as a peer-reviewer for both journals and study sections.”

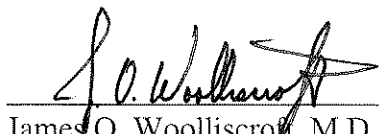
Reviewer C: “Overall, I would certainly rank her in the ten most promising clinical oncologists in thoracic oncology nationally among the faculty who are at the rank of Associate Professor....She is a recognized thought leader in the area of new drug development in lung cancer, and is the PI on multiple competitive investigator-initiated trials.”

Reviewer D: “...I believe Dr. Ramnath has demonstrated continuing academic commitment, productivity and success. Perhaps the best testaments of the international recognition of her achievement are the invitations for her as an Editorial Board member of the Journal of Clinical Oncology, the high impact flagship journal of the American Society of Clinical Oncology, as well as a co-chair of one of the two oral sessions in lung cancer at the ASCO 2011 Annual Meeting.”

Reviewer E: “I was impressed by her latest publication as a senior author in Clinical Cancer Research in polymorphisms of calcium and Vitamin D metabolism as prognostic factors in lung cancer. This ties well with her research niche and should lead to either additional peer review funding or to important clinical trials....Dr. Ramnath has produced a significant impact in her field, the development of novel therapies for the treatments of thoracic cancer, and has national recognition in the field.”

Summary of Recommendation:

Dr. Ramnath is a skilled clinician and translational researcher who is dedicated to patient care, teaching and scholarly research. She is a recognized national leader in the field of thoracic oncology, with an excellent publication record and solid peer-reviewed funding. Accordingly, I am pleased to recommend Nithya Ramnath, M.B.B.S. for the granting of tenure to be held with her title of associate professor of internal medicine, Department of Internal Medicine, Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

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