

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE
DEPARTMENT OF CELL AND DEVELOPMENTAL BIOLOGY

Ivan Maillard, M.D., Ph.D., assistant professor of internal medicine, Department of Internal Medicine, and assistant professor of cell and developmental biology, Department of Cell and Development Biology, Medical School, is recommended for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, and associate professor of cell and developmental biology, without tenure, Department of Cell and Developmental Biology, Medical School [also being promoted to research associate professor, Life Sciences Institute].

Academic Degrees:

Ph.D.	1999	University of Lausanne, Switzerland
M.D.	1993	University of Lausanne and Zurich, Switzerland
B.A.	1986	Gymnase de Chamblandes, Lausanne, Switzerland

Professional Record:

2007-present	Assistant Professor of Internal Medicine, University of Michigan
2007-present	Assistant Professor of Cell and Developmental Biology, University of Michigan
2007-present	Research Assistant Professor, Life Sciences Institute, University of Michigan
2006-2007	Instructor in Medicine, University of Pennsylvania School of Medicine

Summary of Evaluation:

Teaching: Dr. Maillard views teaching and mentoring as essential components of his work as a physician-scientist at the University of Michigan. Since joining the University of Michigan, Dr. Maillard had directly mentored 12 undergraduate students in the laboratory, three of which graduated with an honors thesis based on their research in his laboratory, and another three of which have won competitive undergraduate awards. The graduate students who have joined Dr. Maillard's laboratory have been academically successful and have presented their work in multiple venues within our institution, as well as nationally and internationally. Dr. Maillard also teaches third- and fourth-year medical students when attending in the inpatient hematology unit and has received favorable evaluations of his performance as a teacher. In addition, he teaches a class on hematopoiesis in the second-year hematology/oncology 603 sequence. During his clinical rotations in the inpatient hematology unit, Dr. Maillard strives to expose residents to an intense and structured teaching program during rounds, and twice weekly in more formal interactive teaching sessions. His teaching evaluations completed by the residents have been exceptional. Additionally, Dr. Maillard participates in formal education seminars for the

hematology/oncology fellows, as well as clinical teaching in the inpatient hematology unit and in his outpatient lymphoma clinic.

Research: Dr. Maillard has a highly collaborative scientific style. His research focuses on hematopoiesis, hematopoietic stem cells, notch signaling, T cell immunology, and bone marrow transplantation. Dr. Maillard is an incredibly productive researcher, serving as the principal investigator on a NIH R01 grant and a Kimmel Research Foundation grant. He is also the co-investigator on two NIH R01 grants. In 2012, he received the Excellence in Research Award from the University of Michigan, Division of Hematology/Oncology. Dr. Maillard serves on the editorial boards of *Faculty of 1000 Biology, Stem Cells & Regeneration Section*, and *F1000 Research*. He is a reviewer for numerous other journals including *Advances in Pharmacology, Blood, Journal of Clinical Investigation*, and *PLOS One*, to name a few. He has published 17 peer-reviewed articles and two peer-reviewed book chapters since his appointment as assistant professor, with seven as first or senior author. His expertise is widely sought both nationally and internationally as is evidenced by his incredible list of invited presentations across the United States and in Switzerland, Greece, Portugal, and Germany.

Recent and Significant Publications:

Maillard I, Koch U, Dumortier A, Shestova O, Xu L, Sai H, Pross SE, Aster JC, Bhandoola A, Radtke F, Pear WS: Canonical notch signaling is dispensable for the maintenance of adult hematopoietic stem cells. *Cell Stem Cell* 2:356-366, 2008.

Sandy AR, Maillard I: Notch signaling in the hematopoietic system. *Expert Opin Biol Ther* 9:1383-1398, 2009.

Maillard I, Chen YC, Friedman A, et al: Menin regulates the function of hematopoietic stem cells and lymphoid progenitors. *Blood* 113:1661-1669, 2009.

Tan J, Jones M, Koseki H, Nakayama M, Muntean A, Maillard I, Hess JL: CBX8, a polycomb group protein, is essential for MLL-AF9-induced leukemogenesis. *Cancer Cell* 20:563-575, 2011.

Zhang Y, Sandy AR, Wang J, Shan GT, Radojic V, Tran I, Friedman A, Kato K, He S, Cui S, Hexner E, Frank D, Emerson SG, Pear WS, Maillard I: Notch signaling is a critical regulator of allogeneic CD4+ T cell responses mediating graft-versus-host disease. *Blood* 117:299-308, 2011.

Service: Dr. Maillard's clinical expertise is in the care of patients with malignant hematological disorders. He sees patients with lymphoma as a part of a weekly outpatient hematology clinic and also participates in the multidisciplinary lymphoma clinic. In addition to his busy clinical practice, Dr. Maillard is actively involved in committee work at the institutional level. He is a member of the Graduate Program in Immunology and the Graduate Students Affairs Committee, the Search Committee for Director of the Immunology Graduate Program, the Center for Organogenesis Steering Committee, and has also served as the 2012 faculty coordinator for the Hematology/Oncology Research Conference.

External Reviewers:

Reviewer A: "...on moving to Michigan he established himself as a uniquely creative, high impact investigator with studies demonstrating the role for Notch signaling in regulating T cells in the mediation of graft-vs-host-disease. The importance of this work is immense given potential interventions that can modify these Notch mediated effects and provide a novel treatment for graft-vs-host-disease."

Reviewer B: "Dr. Maillard is a very talented physician-scientist with an outstanding record of productivity, a very original line of research and national/international prominence....I would rank Dr. Maillard among the very best physician-scientists in the nation at this stage of their careers."

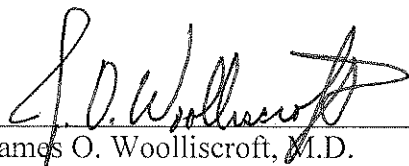
Reviewer C: "...Ivan is a star in the field of Notch biology and a preeminent expert in hematopoiesis and T-cell biology. He is the consummate physician/scientist and will continue to be a leader in his fields of expertise for the foreseeable future."

Reviewer D: "...I was blown away by [the] latest work Ivan presented on the role of Notch in GVHD and the application of new reagents to convert GVHD into a beneficial GVT (graft versus tumor) response. This is only the latest in a long list of achievements, and a very strong predictor for the future."

Reviewer E: "His science is first-rate and important. He is highly respected by his peers, and is moving his own field forward. He has developed a strong grant portfolio. He has clearly been an outstanding citizen at the University of Michigan, where he has participated as a teacher, mentor, and collaborator for many individuals."

Summary of Recommendation:

Dr. Maillard is an exceptional clinician, scientist and educator. His dedication to providing the best patient care, mentoring future doctors and researchers, and advancing the field of hematology/oncology is commendable. It is with great enthusiasm that I recommend Ivan Maillard, M.D., Ph.D. for promotion to associate professor of internal medicine, with tenure, Department of Internal Medicine, and associate professor of cell and developmental biology, without tenure, Department of Cell and Developmental Biology, Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2013