

The Michael T. Newhouse Lecture

Monday, October 5th, 2015
Campbell Auditorium
2nd Level Juravinski Innovation Tower
St. Joseph's HealthCare

Reception: 5:00pm
2nd Level Lobby
Lecture: 5:30pm

“What is so precise about Precision Medicine?”

Guest Speaker: Gregory Downey, MD
Executive Vice President for Academic Affairs and
Professor of Medicine and Integrated Department of Immunology
University of Colorado Denver



Dr. Downey received his BSc and MD from the University of Manitoba and completed training in Internal Medicine at Harvard Medical School, Beth Israel and Brigham and Women's Hospital in Boston. He then completed clinical training in Pulmonary and Critical Care Medicine at the University of Colorado, Denver. He subsequently undertook post-doctoral research training in immunology in the laboratory of Dr. Peter Henson at National Jewish Health. He returned to Canada to assume a position as Assistant Professor of Medicine and Director of the Lung Cell and Molecular Biology Laboratory at the University of Toronto rising through the ranks to become the Director of the Division of Respiriology, Professor and Vice-Chair, Department of Medicine, and the recipient of a Tier 1 Canada Research Chair in Respiration Sciences. In 2007 Dr. Downey returned to Denver as Executive Vice President of Academic Affairs and Professor of

Medicine and Pediatrics at National Jewish Health, and Professor of Medicine and Integrated Department of Immunology, University of Colorado Denver. His current research interests include innate immunity, signaling mechanisms regulating neutrophil activation in lung injury and sepsis, lung antimicrobial defenses in the context of cystic fibrosis, pulmonary fibrosis. His research has been funded by the National Institutes of Health and the Canadian Institutes of Health Research for over 25 years. Dr. Downey has > 220 publications in top ranked journals including Science, Science Translational Medicine, Nature Cell Biology, the Journal of Cell Biology, and the Journal of Experimental Medicine and his work has been cited over 11,000 times by other authors. Dr. Downey is a member of the American Society for Clinical Investigation, the American Thoracic Society, the American College of Chest Physicians, the Royal College of Physicians and Surgeons of Canada, and is an Associate Editor of the American Journal of Respiratory Cell and Molecular Biology.

We would like to thank the Firestone Physicians, past and present sponsors particularly AstraZeneca and Novartis for sponsoring this year's lecture.

This Lecture is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physician and Surgeons of Canada