

DoM

DEPARTMENT  
of MEDICINE  
*Improving Lives*

# GRAND ROUNDS

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2014 TUESDAYS 0800 – 0900 hr

Royal Bank Theatre

2014

TUESDAYS 0800 – 0900 hr

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- April 01 Dr. Joseph G. Verbalis  
***“Hyponatremia: 2013 Evaluation and Treatment Guidelines”*** (Division of Nephrology)
- April 08 Dr. Louis Guillette Jr., University of South Carolina  
***“The Fragile Fetus – Contaminants and the Developing Reproductive System”***  
(Division of Endocrinology/Metabolism)
- April 15 *T. J. Marrie Lecture:* Didier Raoult, MD PhD, Director la Fondation Méditerranée Infection;  
Professor Clinical Microbiology Faculties of Medicine and Pharmacy Aix-Marseille Université;  
Service Chief Laboratoire bactério-virologie, hygiène Hôpital de la Timone; Marseille, France  
***“Rebirth of Culture in Microbiology”*** (Division of Infectious Diseases)
- April 22 *Education Rounds:* Drs. Ian Epstein and Gordon Gubitza  
***“Competency Based Medical Education”*** (DoM Education Office)
- April 29 *JFL Woodbury Lecture:* Christopher Ritchlin, MD, MPH; Professor of Medicine, Allergy,  
Immunology & Rheumatology Division University of Rochester Medical Center, Rochester, NY  
***“Psoriatic Arthritis: A Disease in Full”*** (Division of Rheumatology)

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Grand Rounds are a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program  
of the Royal College of Physicians and Surgeons of Canada

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# Rebirth of Culture in Microbiology

**Professor Didier Raoult  
MD, PhD**

Director

la Fondation Méditerranée Infection

Professor Clinical Microbiology  
Faculties of Medicine and Pharmacy  
Aix-Marseille Université

Service Chief

Laboratoire bactério-virologie, hygiène  
Hôpital de la Timone

Marseille, France

**8:00 AM**

**Tuesday, April 15<sup>th</sup>, 2014**

Royal Bank Theatre  
Halifax Infirmary Site  
Queen Elizabeth II Health Sciences Centre

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## THE T.J. MARRIE LECTURE IN INFECTIOUS DISEASES

This lectureship was established to honour Dr. Thomas J. Marrie on his leaving Dalhousie University to assume the Chair in Medicine at the University of Alberta in Edmonton in 1999.

In recognition of Dr. Marrie's contributions to teaching, research, and clinical care his colleagues established this lectureship to bring outstanding individuals in the fields of Infectious Diseases and Medical Microbiology to Dalhousie University.

### T.J. Marrie Lecturers

- 2001** - Dr. Kevin Kain
- 2002** - Dr. D. Lorne Tyrrell
- 2003** - Dr. Anthony W. Chow
- 2004** - Dr. Robert W. Coombs
- 2005** - Dr. William R. Bowie
- 2006** - Dr. Lindsay E. Nicolle
- 2007** - Dr. Michel G. Bergeron
- 2008** - Dr. Brian J. Ward
- 2010** - Dr. Jutta K. Preiksaitis
- 2011** - Dr. Jay S. Keystone
- 2012** - Dr. Robbin Lindsay
- 2013** - Dr. B. Brett Finlay
- 2014** - Professor Didier Raoult



**DALHOUSIE**  
*University*

## THE T.J. MARRIE LECTURE IN INFECTIOUS DISEASES



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## Dr. T. J. Marrie

Tom Marrie is a native of Newfoundland. He received his MD (cum laude) from Dalhousie University in 1970 and then had a general practice in rural Newfoundland before returning to Dalhousie University to complete a residency in Internal Medicine in 1975, followed by an Infectious Diseases fellowship at the University of Manitoba.

He returned to the Department of Medicine, Dalhousie University, to establish the new specialty of Infectious Diseases in Halifax and become the first head of the Division of Infectious Diseases, rising rapidly to Professor of Medicine and Head of the Department of Medicine at the Victoria General Hospital.

Dr. Marrie is recognized as without peer in the practice of his subspecialty and in the general field of clinical medicine where he was physician to many of his colleagues and their families. He is also recognized as a superb educator, receiving many awards including the Lea Steeves Award for CME, Excellence in Leadership Award (University of Alberta), Lifetime Achievement Award (Association of Medical Microbiology and Infectious Diseases Canada), and Eagle Feather Award (Aboriginal MD Program, University of Alberta).

Dr. Marrie's research interests have focused on pneumonia and the epidemiology and clinical aspects of *C. burnetti* infection (Q fever). He is the author of over 200 peer-reviewed publications and 30 book chapters.

Dr. Marrie is a past-President of the Canadian Infectious Diseases Society and former Governor for the Atlantic Provinces of the American College of Physicians. After completing a term as Dean of the Faculty of Medicine and Dentistry, University of Alberta he was welcomed back to Halifax in July 2009 as the Dean of Medicine, Dalhousie University.

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## Professor Didier Raoult

Professor Didier Raoult is an internationally recognized researcher. Born in Dakar, Senegal, he received his medical degree from Aix-Marseilles Université, followed by internal medicine and infectious diseases residencies, and a PhD from Université Montpellier. Professor Raoult built his career in Marseille, creating a *Rickettsia* research unit in 1984 that has since grown to employ 140 people, including 45 active researchers, and has overseas teams in Senegal and Algeria. His team produced 300 articles in 2012 alone. He is a Professor of Clinical Microbiology and Director of la Fondation Méditerranée Infection, which he created in association with the Institut-Hospitolo-Universitaire. Positions held in the past include Associate Dean for Research, School of Medicine, and President of the University, both at the Université de la Méditerranée, Marseilles.

Professor Raoult's research has focused on the identification and characterization of human pathogens. He and his team have identified and described 96 new pathogenic bacteria, including 10 *Rickettsia* species, and outlined their role in human infections. His laboratory was the first to culture *Tropheryma whippelii* and to report the role of Bartonella as a cause of endocarditis. He has more than 1600 scientific publications to his name and is the most cited microbiologist in Europe. He has served as Editor, Associate Editor, or editorial board member of 16 journals.

Professor Raoult's scientific contributions have been honoured in France and internationally. He was the 2003 J. Smadel Lecturer for the Infectious Disease Society of America and the 2005 Fred Soper Lecturer for the American Society for Tropical Medicine. He received the Award of Excellence from the European Society for Clinical Microbiology and Infectious Diseases in 2002 and the Prix Eloi Collery from the National Academy of Medicine, France, in 2009. The genus *Raoultella* and the species *Rickettsia raoultii* have been named after him. In 2011 Professor Raoult was made an Officer of the Legion of Honor.

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THE  
JFL WOODBURY LECTURE  
IN  
RHEUMATOLOGY

**“Psoriatic Arthritis:  
A Disease in Full”**

**Christopher Ritchlin, MD, MPH**

Professor of Medicine  
Allergy, Immunology & Rheumatology Division  
University of Rochester Medical Center  
601 Elmwood Avenue, Box 695  
Rochester, New York 14642

**April 29, 2014  
Halifax, Nova Scotia**

**THE JFL WOODBURY LECTURE  
IN RHEUMATOLOGY**

This is the twenty fourth of an annual series established in honour of Dr. JFL Woodbury on the occasion of his retirement from the Division of Rheumatology, Department of Medicine in June 1989.

In recognition of Dr. Woodbury's contribution to teaching, research and clinical care in Rheumatology his many colleagues, patients and friends have established this lectureship to bring outstanding individuals in the field of Rheumatology to Dalhousie University.

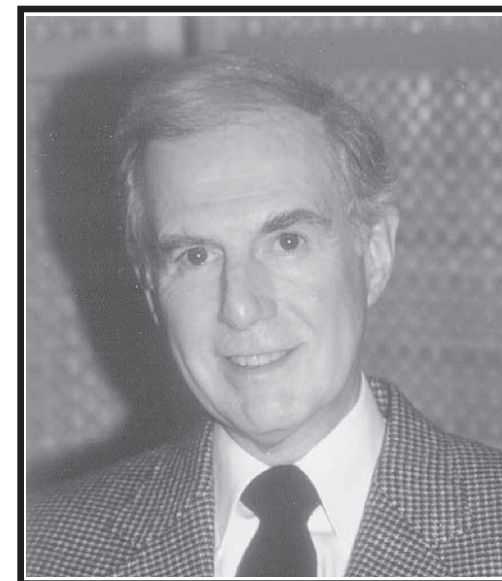
The organizing committee gratefully acknowledges the assistance and support of the Nova Scotia Division of the Arthritis Society.

Individuals wishing to make a tax-deductible contribution to the JFL Woodbury Lectureship fund may do so through the Queen Elizabeth II Foundation.

**JFL Woodbury Lecturers:**

1991 - Dr. Robert D. Inman	2004 - Dr. David A. Isenberg
1992 - Dr. John M. Esdaile	2005 - Dr. James R. Seibold
1993 - Dr. Michael D. Lockshin	2006 - Dr. Iain B. McInnes
1994 - Dr. Ronald M. Laxer	2007 - Dr. Gillian A. Hawker
1995 - Dr. Matthew H. Liang	2008 - Dr. Cornelia M. Weyand
1996 - Dr. Donald L. Resnick	2009 - Dr. Bevra H. Hahn
1997 - Dr. Henri A. Ménard	2010 - Dr. John Stone
1998 - Dr. Esther M. Sternberg	2011 - Dr. Susan Manzi
1999 - Dr. Murray B. Urowitz	2012 - Dr. Hani El-Gabalawy
2000 - Dr. Michael E. Weinblatt	2013 - Dr. Janet Pope
2001 - Dr. Gary S. Hoffman	
2002 - Dr. J. Lee Nelson	
2003 - Dr. Thomas A. Einhorn	

THE  
J.F.L. WOODBURY  
LECTURE  
IN  
RHEUMATOLOGY



**8:00 am, Tuesday, April 29, 2014**

**Royal Bank Theatre, Halifax Infirmity site  
Queen Elizabeth II Health Sciences Centre  
Halifax, Nova Scotia**

## **DR. J.F.L. WOODBURY**

Dr. Jack Woodbury was born in London, England in 1918, although his family roots in Nova Scotia date back to 1750. He received his MD, CM degree from Dalhousie University in 1943 and acquired postgraduate training in Internal Medicine at the Halifax Military Hospital while holding the rank of Captain in the Canadian Army (RCAMC). Dr. Woodbury then spent five years in general practice in Halifax before going to Toronto to train in Rheumatology at Toronto General Hospital and Sunnybrook Hospital. He became a Fellow of the Royal College of Physicians and Surgeons of Canada in 1952.

He was appointed as clinical assistant at the Victoria General Hospital, Halifax in 1945 and joined the Faculty of Dalhousie University as a Lecturer in Medicine in 1950. By 1969, he had become a full Professor in the Faculty of Medicine and was appointed as the first Director of the Dalhousie University Rheumatic Disease Unit. Over the next 20 years, Dr. Woodbury was a pioneer in the care of patients with rheumatic diseases in Nova Scotia and was largely responsible for establishing Rheumatology as a recognized subspecialty in Eastern Canada. He also became a prominent teacher and researcher in Canadian Rheumatology.

Dr. Woodbury was a past President of the Canadian Rheumatism Association and was the founding President of the Society of Atlantic Rheumatologists. In 1994 he was appointed Professor Emeritus in the Faculty of Medicine, Dalhousie University.

Dr. Woodbury died in 2005, but his legacy of establishing a rheumatic disease unit, now called The Arthritis Centre of Nova Scotia, continues his work of patient centred care and research.

## **ABOUT THE SPEAKER**



### **Dr. Christopher Ritchlin, MD, MPH**

Dr. Ritchlin's basic science research efforts are directed towards understanding the mechanisms that underlie pathologic bone resorption and new bone formation in psoriatic arthritis and rheumatoid arthritis. Using a translational approach, investigators in his lab are analyzing the cell surface molecules expressed by osteoclast and dendritic cell precursors with the goal to identify susceptibility and response biomarkers in patients with inflammatory arthritis. The lab is also studying the effect of anti-TNF agents on dendritic cell differentiation in RA and PsA patients. In addition, collaborative studies are underway with the lab of Dr. Eddie Schwarz to understand the mechanisms that are responsible for bone marrow edema as recorded on magnetic resonance imaging scans in inflammatory arthritis. The bulk of this work is performed in animal models but insights gained from these studies are applied to the study of human joint diseases such as psoriatic and rheumatoid arthritis.

Dr. Ritchlin is also the Director of the Clinical Immunology Research Unit where he is the principle investigator on several clinical trials testing the efficacy of anti-TNF agents and other biologic molecules in the treatment of psoriatic and rheumatoid arthritis and ankylosing spondylitis. In the Clinical Immunology Research Unit, patient oriented research is conducted on multiple levels. Investigator New Drug (IND) trials of novel agents (adalimumab, rituximab) in the treatment of PsA and AS have been completed or are about to start. Additional trials have been performed to study the effect of TNF inhibition on the frequency of osteoclast precursors and enhancing bone marrow edema in PsA. The Unit also conducts multicenter trials with novel biologic agents such as rituximab and abatacept in PsA with special attention directed towards understanding how these agents alter bone remodeling in these disorders. Additional studies underway include microanalysis assays of synovium, skin and intestinal tissues in patients with Immune Mediated Inflammatory Disorders (IMIDs) before and after TNF inhibition. Future plans include the development of ultrasound outcome measures in collaboration with Dr. Ralf Thiele and Dr. Darren Tabechian, to assess synovial, lymph node and periarticular tissue responses to different therapies in inflammatory arthritis.