

2000-2010 | 10 |
YEAR



10 YEAR ANNIVERSARY

UNIVERSITY OF CAPE TOWN LUNG INSTITUTE



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Prof Bongani M Mayosi

A Message of Congratulations from the Department of Medicine: UCT Lung Institute at 10 Years

It is with a sense of great pride that I send this message of congratulation on behalf of staff in the Department of Medicine to all members of the UCT Lung Institute on the occasion of its 10th anniversary. In 10 short years, the UCT Lung Institute has risen to become the Colossus of Respiratory Medicine in Africa through the visionary and bold leadership of Professor Eric Bateman, the wise counsel of the Board, and the hard work and ingenuity of members and staff of the Institute. Your success in addressing common diseases through research, education and clinical practice gives us inspiration and a model for revitalising clinical science in our country.

One of the key challenges facing the UCT Lung Institute over the next 10 years is to identify, nurture, and develop a critical mass of clinician scientists and academic leaders who will replicate and extend its work to other institutions throughout the African continent. We look forward to working with colleagues at the Institute to address the leadership deficit and pervasive disease and ill health on our continent.

Happy Birthday!

BONGANI M MAYOSI

DPhil, FCP(SA), OMS

Professor & Head: Department of Medicine
Groote Schuur Hospital & University of Cape Town



Prof Eric Bateman

Welcome from the Managing Director

It is my pleasure to welcome you to this event celebrating the first 10 years of the University of Cape Town Lung Institute. Although the Institute was constituted earlier, the building was formally opened on 26th April 2000. Dr Mamphela Ramphele, the then Vice-Chancellor of UCT, Professor Rolf Krebs representing the founding donor, and Professor Dan Ncayiyana, the first Chairman of the Lung Institute Board, officiated at the event and shared their expectations and hopes for the role that the Institute would play in the life of the university, the city and the country. The mission of the Institute was clear: To serve as a centre of excellence for the study and application of knowledge and health in diseases of the lung and respiratory tract relevant to the needs of Southern Africa. Today we are able to assess whether their expectations have been met and the mission fulfilled. We have selected for presentation a small sample of the work in which Institute researchers have been involved over the last decade, reported in some of the more than 350 publications produced.

For UCT, the Institute represented an experiment; a test of the potential of a research facility, structured as a company, to provide value both to the university, and to society in general. Could its unique structure and positioning enable it to perform functions and provide opportunities that supplemented those offered by the university? Would the Institute remain viable, relying chiefly on income generated by research?

We are delighted that among our guests on this occasion are representatives of UCT and other universities, the Faculty of Health Sciences, partners from the National, Provincial and Local Authority Health Departments, and many others who have been involved with researchers in the Institute, and who have contributed to its achievements over the last decade. Also present are representatives from sponsors, granting agencies and industry who have supported and provided assistance to the Institute, and in particular, guests from Boehringer Ingelheim, whose founding donation enabled the Institute to be built. Your presence encourages us that our activities and achievements are acknowledged and appreciated. We trust that the event will be both informative and enjoyable, and that we can count on your support in the years ahead.

ERIC BATEMAN

MBChB (UCT), MD (UCT), DCH, FRCP (London)

Managing Director

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SCIENTIFIC PROGRAMME

TIME	TOPIC	PRESENTER/S
13h00	Welcome and Introduction to Scientific Programme	Professor Eric Bateman
13h10	Progress in Point of Care Diagnostics for Tuberculosis	Dr Jonny Peter Lung Infection and Immunity Unit
13h25	Novel African Allergies: Identification of the Mopane worm major allergen	Professor Paul Potter Allergy and Diagnostic CRU
13h40	Innovation in Asthma Care: Drugs and Approaches	Professor Eric Bateman Lung CRU
13h55	Improving TB Outcomes with Integrated Care	Dr Lara Fairall Knowledge Translation Unit
14h10	Researching skin diseases	Professor Gail Todd UCT Skin Centre
14h30	Smoking as a risk factor for tuberculosis	Dr Richard van Zyl Smit Lung CRU and Lung Infection and Immunity Unit
14h45	Tea/Coffee Break	

TIME	TOPIC	PRESENTER/S
15h05	Clinical Response and Immune Mechanisms in Sublingual Immunotherapy (SLIT) for Allergic Disease	Professor Paul Potter Allergy and Diagnostic CRU
15h20	Metronome paced tachypnoea. A simple test for assessing symptoms in COPD	Dr Richard Raine Lung CRU
15h35	The Challenge of New Drugs for TB	Dr Rodney Dawson Centre for TB Research Innovation
15h55	Chronic Obstructive Pulmonary Disease in South Africa: Is it different?	Dr Gregory Calligaro Lung CRU
16h10	XDR TB in South Africa: Back to the days of sanatoria, perhaps?	Professor Keertan Dheda Lung Infection and Immunity Unit
16h25	STRETCH: How far for nurse-led primary care? A clinical trial	Dr Lara Fairall Knowledge Translation Unit
16h40	The PALSIA-PLUS Story: Capacitating the Carers	Dr Beverly Draper Knowledge Translation Unit
17h00	The Lung Institute: Combining Research and Service	Professor Eric Bateman Director UCT Lung Institute
17h25	Speeches: Professor Marian Jacobs - Dean, Faculty of Health Sciences, UCT Dr Melvyn Freeman - Cluster Manager: Non-communicable Diseases, Department of Health, Pretoria Dr Mamphele Ramphele - Former Vice-Chancellor of UCT	
18h00	Cocktail party	Music by Hungarian Trio

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Professional Biosketches of Speakers

Professor Eric Bateman

MBChB (UCT), MD (UCT), DCH, FRCP (London)

is Professor of Respiratory Medicine at UCT and Head of the Division of Pulmonology in the Department of Medicine. He is founder and Director of the Lung Institute, heads the Lung Clinical Research Unit, but participates in the programmes of several of the CRUs. He serves on many international committees, working groups, task forces and research committees, and is currently the Chair of the Global Alliance for Asthma and an Executive member of the Global Alliance Against Chronic Respiratory Dis-

eases. He serves on the editorial boards of 7 international medical journals and is an invited lecturer at numerous international meetings each year. He is one of the few clinicians who has an A-rating from the National Research Foundation, and has more than 200 publications in international peer-reviewed journals. His major research contributions have been in the management of asthma, but he has made significant contributions to several fields of respiratory medicine.

Dr Jonny Peter MBChB

(UCT)(cum laude), FCP(SA)

is a fulltime PhD student in the Lung Infection and Immunity Unit. His PhD research is focused on the utility of sputum induction and novel emerging tools for the diagnosis of TB in high HIV prevalent primary care settings. He is the clinical co-ordinator

and co-investigator for a number of ongoing multicentre TB diagnostic trials and is supported by a Discovery Academic Fellowship, a NIH Fogarty international Clinical Research Fellowship and has a Carnegie PhD Fellowship.

Professor Paul Potter

BSc Hons (UCT), MBChB (UCT), MD (UCT), FCP (SA) Paed, DCH (SA), FAAAAI, FACAAI.

is the head of the Allergology, Diagnostic and Clinical Research Unit and Head of Allergology in the Department of Medicine. A specialist paediatrician, he undertook a postgraduate fellowship in molecular biology and allergy at the National Institute of Health (USA), and a doctorate in Medicine (UCT) on his work on the human beta-2 receptor. He is a Fellow of the American Academy and the American College of Allergy and Clinical Immunology, a past president of the Allergy Society of South Africa and Founding Editor of the South African Journal of Current Allergy and Clinical Immunology. He has published over 320 scientific papers, 200 in international peer reviewed journals, and serves on the editorial

boards of 5 international journals. His research interests are indigenous African allergies, antihistamines and immunotherapy, complement deficiency, and basic mechanisms underlying the allergic response. He has made major contributions to the development of the field of Allergology in South Africa and is a member of the Board of Directors of the World Allergy Organization, lead author of the World Allergy Organization New International Guidelines for the training of Medical Students in Allergology and is the current Chairman of the World Allergy Organization Council on Specialization and Training in Allergology.

Dr Lara Fairall

MBChB (UCT), PhD (UCT)

is head of research in the KTU. Her work as a doctoral student (2002 to 2005) involved the implementation and evaluation of the PALSA programme. Under her guidance it was expanded into the wide-acclaimed PALSA Plus programme which has been evaluated in several field studies, and adopted for use in primary care facilities throughout South Africa.

Her research team has attracted substantial funding from both local and overseas sources, including the NIH, and is a major collaborating partner to the Chronic Diseases in Africa initiative in the Department of Medicine.



Professor Gail Todd

MBChB (UCT), PhD (UCT)

is head of the Skin Centre, and the Department of Dermatology in the Faculty of Health Sciences at UCT. She has played a major role in teaching and training both in the Faculty and community. The latter has included training of nurses in pri-

mary care and occupational health clinics. Under her guidance, the Skin Centre has evaluated new treatments for skin diseases.

Dr Richard van Zyl Smit

MBChB (UCT), FCP (SA), Dipl Chest Med (SA) Cert Pulmonology (SA), MRCP (UK), Dip HIV Man HIV (SA), MMed (UCT)

is a pulmonologist and research fellow in the Lung CRU and Lung Infection and Immunity Unit. The focus of his research is tuberculosis diagnostics and immunology relating to tobacco smoking and macrophage responses to mycobacterial infection. He has received funding from the South African Thoracic Society, the Discovery

Foundation, and the NIH and Fogarty as an International Clinical Research Fellow. He was the recipient of the UCT Bernard Pimstone Prize for basic science research in 2009 and the UCT Research Associate Award for excellence in research for 2010.



Dr Richard Raine

MBChB (UCT), FCP (SA), MMed (UCT)

is a pulmonologist and head of the Respiratory Intensive Care Unit at Groote Schuur Hospital and also heads the Lung Function Service. With a keen interest in lung physiology and sports

medicine he has contributed substantially to the training of clinical technologists, pulmonologists and other categories of students.



Dr Rodney Dawson

MBChB (UCT), FCP (SA), Cert Pulmonology (SA)

is a consultant pulmonologist and Honorary Senior Lecturer in the Department of Medicine. He joined the UCT Lung Institute in 2005 and is the Clinical Research Unit Head for the Centre for Tuberculosis Research Innovation at the Institute. In collaboration with the New York University, he has received funding from

the National Institutes of Health for research in the field of tuberculosis, and his Unit has an international reputation as a clinical center for the evaluation of new drugs for tuberculosis. Another research area is standardized radiology reporting for clinical surveys and trials and improving access to radiology delivery in TB.



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Professional Biosketches of Speakers

Dr Greg Calligaro

BSc Hons (Wits), MBChB (Wits), FCP (SA), Dipl Emerg Care (SA)

completed undergraduate degrees in Medicine and Physiology at the University of the Witwatersrand, and qualified as a specialist physician at the University of Cape Town in 2009. He is currently a sub-specialist trainee in the Department of Pulmonology at Groote Schuur Hospital. He is also working towards a PhD examining aspects

of lung health in patients with HIV infection on antiretroviral treatment, as part of an NIH-funded study conducted at the UCT Lung Institute. He is supported by a Discovery Academic Fellowship, and a Pulmonology Research Fellowship from the South African Thoracic Society.



Professor Keertan Dheda

MBChB (Wits), FCP (SA), PhD (UCMS), FCCP, FRCP (London)

is an associate professor in the Division of Pulmonology and Head of the Lung Infection and Immunity Unit. He is the recipient of several prestigious awards including the 2010 International Union Against Tuberculosis and Lung Disease Scientific Award, the South African MRC Career Development Award, the South African NRF and DST Research Chair Award, and holds several large local and multi-national grants. He has established an international collaborative network and a local research program in which 3 Masters and 9 PhD students are currently enrolled. He has ~75 peer-reviewed publications, a 'H' index of 18, and has several highly cited papers. He holds a patent related to new TB diagnostic tech-

nologies, which is currently being developed as a user-friendly test for extra-pulmonary tuberculosis. He has a keen interest in medical education. He serves or belongs to several local and international academic societies including Governor for American College of Chest Physicians for the South Africa region, the scientific committee of the TB and Pulmonary Infection group of the American Thoracic Society, and is a fellow of the American College of Chest Physicians. He is co-chair of the LTBI subgroup of the Stop TB Partnership. He serves on the editorial board of the journal PLOS One and the International Journal of Tuberculosis and Lung Disease.



Dr Beverly Draper

MB, ChB (Pretoria), M Med Public Health (UCT)

is head of the Knowledge Translation Unit. She has experience as a physician in primary care in rural and urban settings in four provinces of South Africa and as a general practitioner, as a co-ordinator of health services in child health,

obstetrics and in HIV clinics, and as a teacher of undergraduate and post-graduate students. Under her direction the KTU has achieved an important role in the training and equipping of nurses to provide primary care in South Africa.

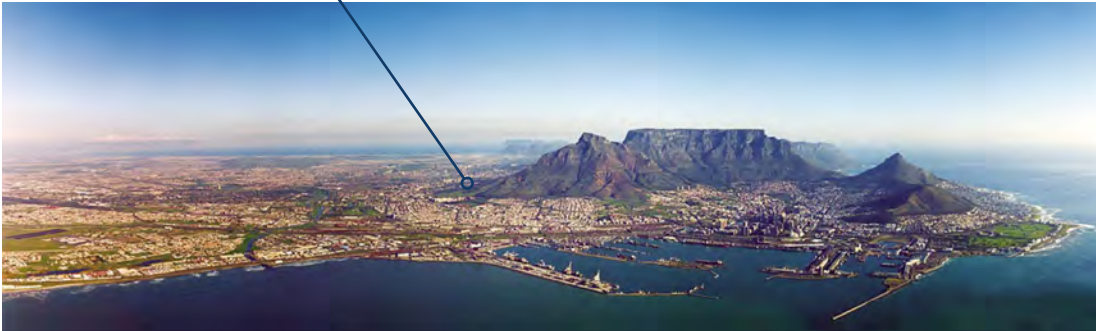


Office-bearers at the Lung Institute:

Board: Professor Gregory Hussey (Chair), Professor Solomon Benatar, Professor Eric Bateman (Managing Director), Dr Kevin Ho, Mr Dirk van Niekerk, Professor Janet Seggie. Alternate directors: Associate Professor Gillian Ainslie, Mr Hugh Amoore, Mr Phillip Brits, Mr Peter Grant, Ms Eliza Hui, Professor Paul Potter.

Finance and Risk Committee: Mr Phillip Brits (Chair), Professor Eric Bateman, Mr Peter Grant, Professor Eric Wood.

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The Institute is a registered company owned by the University of Cape Town

Contact Details

UCT Lung Institute
George Street
Observatory
7925
Tel: +27 21 406 6850
<http://www.lunginstitute.co.za>

Managing Director: Professor Eric Bateman
Email: eric.bateman@uct.ac.za
Tel: +27 21 406 6901

Design by JB Murray Design
Email: jessbmurray@gmail.com
Tel: +27 72985 6021
www.jbmurraydesign.com

