

PATS & SATS 2018 CONGRESS

12 - 15 April 2018, Durban ICC, South Africa

Final Programme

Thursday 12 April		
07:00	Registration for pre-congress workshops open	Outside workshop venues
	Pre-congress Workshops	Chairperson
08:00-16:30	Skills Building Workshop 1 Spirometry and other lung function tests for the practicing healthcare	Venue: Meeting Room 21DEF Diane Gray
08:00-16:30	Skills Building Workshop 2 Occupational lung diseases	Venue: Meeting Room 11AB Ben Nemery/Rajen Naidoo
08:00-16:30	Skills Building Workshop 3 Radiology: Chest ultrasound workshop	Venue: Meeting Room 21ABC Ali Esmail/Greg Calligaro
08:00-16:30	Skills Building Workshop 4 Paediatric TB workshop	Venue: Meeting Room 11CD Raziya Bobat
08:00-16:30	Skills Building Workshop 5 VATS workshop: Practical workshop	UKZN: Westville campus Alan Sihoe
14:30-16:30	SATS Council Meeting	Venue: Hospitality Suite 25
17:00-17:15	Opening Ceremony Welcome address Congress Chair and Co-chair Welcome address PATS and SATS Chairperson	Venue: Hall 2C Refiloe Masekela and Greg Calligaro Heather Zar and Keertan Dheda
17:30-18:30	Plenary 1: Pneumonia and Vaccines in Africa Vaccination is it money well spent in Africa across the lifespan?	Venue: Hall 2C Shabir Madhi (South Africa)
18:30	Registration for full congress opens	Venue: Exhibition Hall (2ABFH)
19:00	Cocktail Function and organized entertainment	Venue: Exhibition Hall (2ABFH)
Friday 13 April		
07:30-08:30	Breakfast Meeting: Paediatric pulmonology fellows Using physiology to understand lung disease in infants born preterm: lifelong implications	Venue: Hall 2D Graham Hall (Australia)
07:30-08:30	Breakfast Symposium: Cipla sponsored symposium Our microbiome and respiratory disease	Venue: Hall 2E Robin Green (South Africa)
08:00	Registration & CPD Scanning opens	Astrazeneca Stand
08:30-10:00	Plenary 2: Tuberculosis in Africa Chairs: Jeremiah Chakaya/ Keertan Dheda	Venue: Hall 2C
08:30-09:00	Narrowing the TB case detection gap in Africa - what needs to be done?	Keertan Dheda (South Africa)
09:00-09:30	BT Le Roux Lecture Thoracic Surgery in Durban: Past, Present and Future Speaker	Raj Madansein (South Africa)
09:30-10:00	Challenge in the diagnosis of paediatric TB in LMICs	Heather Zar (South Africa)
10:00-10:30	TEA/COFFEE	Venue: Exhibition Hall (2ABFH)
10:30-12:30	Adult Track 1: Tuberculosis Chairs: Ali Esmail/ Greg Calligaro	Venue: Hall 2C
10:30-11:00	TB and HIV - are we on course to win this war?	Dr Riitta Dlodlo (Zimbabwe)
11:00-11:30	Getting to zero TB deaths - how can the TB deaths be prevented?	Phil Hopewell (USA)
11:30-12:00	Promises and challenges of new TB treatment regimens	Andreas Diacon (South Africa)
	<u>Oral Abstract Presentations:</u>	
12:00-12:15	A Proteomic Atlas of the Human Pulmonary Tuberculosis	Rahman Mohammed Aejazur (South Africa)

12:15-12:30 Treatment outcomes in patients with extensively drug resistant tuberculosis from South Africa who received bedaquiline Olayanju Olatunde (South Africa)

10:30-12:30 **Paediatric Track 1: Tuberculosis** Venue: Hall 2D
Chairs: Charl Verwey/ Prakash Jeena

10:30-11:00 Impact of maternal health on respiratory and nutritional health of children Prakash Jeena

11:00-11:30 MDR-TB in children: a global issue with unique challenges Simon Schaaf (South Africa)

11:30-12:00 Challenge in the paediatric treatment of TB in LMICs Raziya Bobat (South Africa)

Oral Abstract Presentations:

12:00-12:10 Treatment outcome of tuberculosis at a specialist hospital in North-Western Nigeria Bilkisu Ilah Garba (Nigeria)

12:10-12:20 Longitudinal changes in lung function in HIV- infected adolescents on antiretroviral therapy in Cape Town, South Africa Leah Githinji (South Africa)

12:20-12:30 Exposure to indoor air pollutants and childhood pulmonary tuberculosis Nkosana Jafta (South Africa)

10:30-12:30 **Thoracic Surgery Track 1:** Venue: Hall 2E
Chairs: Gerard Alexander/ Kameel Maharaj

10:30-10:50 Uniportal VATS: the evidence Alan Sihoe (Hong Kong)

10:50-11:10 Uniportal VATS: the technique Alan Sihoe (Hong Kong)

11:10-11:30 VATS in RSA: Is pathology really the limiting factor? Kameel Maharaj (South Africa)

11:30-11:50 EBUS: how relevant is it? Keertan Dheda (South Africa)

11:50-12:10 Sublobar resection for lung cancer Alan Sihoe (Hong Kong)

12:10-12:30 Palmar hydrosis Alan Sihoe (Hong Kong)

12:30-13:45 **LUNCH & POSTER VIEWING** Venue: Exhibition Hall (2ABFH)

13:45-15:15 **Plenary 3: The triple threat of disease: Globalization, NCDs and communicable disease** Venue: Hall 2C
Chairs: Kevin Mortimer/ Jules Bashi

13:45-14:15 Pneumonia in Africa: challenges and opportunities Charles Feldman (South Africa)

14:15-14:45 Air pollution and impact on lung health John Balmes (USA)

14:45-15:15 HIV as a driver for COPD Bruce Kirenga (Uganda)

13:30-15:00 **Thoracic Surgery Track 2: Cardiac Surgery** Venue: Hall 2E
Chairs: Julian Buckels/ Raj Madansein

13:30-13:50 Developing OPCAB surgery Murali Vettath (India)

13:50-14:10 OPCAB surgery: How to avoid conversions Murali Vettath (India)

14:10-14:35 Innovations in OPCAB surgery Murali Vettath (India)

14:35-15:00 Paediatric Cardiac surgery for the trainee Krubbin Naidoo (South Africa)

15:00-15:30 **TEA/COFFEE** Venue: Exhibition Hall (2ABFH)

15:30-17:00 **Adult Track 2: COPD** Venue: Hall 2C
Chairs: Greg Calligaro/ Greg Symons

15:30-16:00 The interaction between TB and chronic respiratory diseases Bertie Squire (UK)

16:00-16:30 Is COPD increasing in Africa? The Francophone experience Herve Lawin (Benin)

16:30-17:00 How can international guidelines (GOLD) be operationalized in the low resource settings of Africa? Richard Van Zyl-Smit (South Africa)

Oral Abstract Presentations:

17:00-17:10 Prevalence and associated factors of chronic obstructive pulmonary disease among people living with HIV/AIDs in rural communities of Nakaseke, Uganda Charles Batte (Uganda)

17:10-17:20	Very brief advice on smoking saves lives, but does it work in low and middle-income countries?	Jillian Pooler (UK)
15:30-17:00	Paediatric Track 2: Infectious lung disease in children Chairs: Pierre Goussard/ Ashley Jeevarathnum	Venue: Hall 2D
15:30-16:00	Pneumonia and HIV: still a threat to lung health	Charl Verwey (South Africa)
16:00-16:30	Bronchiectasis in Africa: risk factors and approach	Diane Gray (South Africa)
16:30-17:00	Emerging and re-emerging infectious lung disease	Mohendaran Archary (South Africa)
15:15-17:20	Thoracic Surgery Track 3: Chairs: Frank Chauke/Krubin Naidoo	Venue: Hall 2E
15:15-15:35	The heart transplant team - heart transplant in developing countries	Willie Koen (South Africa)
15:35-16:00	Training of a transplant surgeon in RSA	Willie Koen (South Africa)
16:00-16:20	ECMO: Cannulas, vascular access and indications	Krubin Naidoo (South Africa)
16:20-16:40	ECMO in respiratory failure	Krubin Naidoo (South Africa)
16:40-17:00	ECMO following major cardiac surgery	S Mahlangu (South Africa)
17:00-17:20	Lung transplantation in South Africa	Greg Calligaro (South Africa)
17:30-18:30	Evening Symposium: Adcock Ingram sponsored symposium The role of small airways in asthma	Venue: Meeting Room 22 Alberto Papi (Italy)
18:40-19:40	PATS General Assembly	Venue: Hall 2D
20:00	Speakers' Dinner sponsored by Aspen	<i>By invitation only</i>
Saturday 14 April		
07:30-08:30	Breakfast symposium: AstraZeneca sponsored symposium The asthma paradox	Venue: Hall 2E Eric Bateman (South Africa)
08:00	Registration & CPD Scanning opens	Astrazeneca Stand
08:30-10:00	Plenary 4: NCDs in Africa: Asthma and COPD Chairs: Refiloe Masekela/ Richard Van Zyl Smit	Venue: Hall 2C
08:30-09:00	BOLD in Africa: what it has taught us?	Peter Burney (UK)
09:00-09:30	Origins of adult lung disease in childhood	Mariëlle Pijnenburg (Netherlands)
09:30-10:00	Meeting the challenges of asthma in Africa	Eric Bateman (South Africa)
08:30-10:30	Thoracic Surgery Track 4: Tuberculosis Chairs: Sherwin Ramgulam/ Kaven Naicker	Venue: Hall 2D
08:30-08:50	TEVAR: Getting wired	Bala Pillay (South Africa)
08:50-09:10	TEVAR: Case reports	Bala Pillay (South Africa)
09:10-09:30	TAVI: establishing a unit	J Patel (South Africa)
09:30-09:50	King Dinuzulu Hospital: MDR-TB Unit - Short course MDR treatment rollout	Iqbal Masters (South Africa)
09:50-10:10	King Dinuzulu Hospital: MDR-TB Unit - the bedaquilin programme	Iqbal Masters (South Africa)
10:10-10:30	TB drug and MIC gradients in explanted human lungs: implications for diagnosis and treatment	Keertan Dheda (South Africa)
10:00-10:30	TEA/COFFEE	Venue: Exhibition Hall (2ABFH)
10:30-12:30	Adult Track 3: Asthma Chairs: Michelle Wong/ William Worodria	Venue: Hall 2C
10:30-11:00	Acute pulmonary embolism, treatment in intermediate risk group	Andres Palomar (Mexico)
11:00-11:30	Managing difficult to treat asthma	Richard Van Zyl-Smit (South Africa)
11:30-12:00	Personalized asthma care in Africa	Amsalu Binegdie (Ethiopia)
<u>Oral Abstract Presentations:</u>		
12:00-12:15	Sirtuin 1 gene rs2273773 C >T single nucleotide polymorphism and protein oxidation markers in asthmatic patients	Ali Abdellah (Egypt)

12:15-12:30	Impact of a primary care-led asthma clinic model on asthma control in a resource limited setting	Ivan Kimuli (Uganda)
10:30-12:30	Paediatric Track 3: Asthma and allergies in children Chairs: Stanley Thula/ Heather Zar	Venue: Hall 2D
10:30-11:00	Asthma phenotypes in paediatrics: does this really matter?	Adnan Custovic (UK)
11:00-11:30	Asthma and allergies in Africa	Emmanuel Addo-Yobo (Ghana)
11:30-12:00	Severe asthma opportunities for interventions in children	Jonathan Grigg (UK)
	<u>Oral Abstract Presentations:</u>	
12:00-12:10	Exhaled nitric oxide in the first two years of life in African infants: impact of maternal smoking and indoor air pollution	Carven Jacobs (South Africa)
12:10-12:20	Impact of admission for RSV infection on lung function at one year of age: a case control study	Charl Verwey (South Africa)
12:20-12:30	How well do the 2012 GLI multi-ethnic spirometry reference equations fit healthy South African school children?	Sara-Jane Smith (UK)
10:30-12:30	Thoracic Surgery Track 5: Tuberculosis Chairs: Keertan Dheda/ Adrie Steyn/ Raj Madansein	Venue: Hall 2E
10:30-11:00	AHRI: Characterising the human tuberculous lung using next generation technologies	Adrie Steyn (South Africa)
11:00-11:20	Intracellular growth of Mycobacterium tuberculosis after macrophage death leads to serial killing of host cells	Alex Sigal (South Africa)
11:20-11:40	Looking for new TB vaccine targets in the human lung	Al Leslie (South Africa)
11:40-11:55	Detecting pulmonary TB: a microbiologist's perspective	Krishnee Moodley (South Africa)
11:55-12:10	Detecting pulmonary TB: an anatomical pathologist's perspective	J Vaubell (South Africa)
12:10-12:30	Adjuvant lung resection for DR-TB/HIV co-infection: challenges and solutions	Gerard Alexander (South Africa)
10:30-12:00	Physiotherapy Track 1: Thoracic Surgery Chairs: Alison Lupton-Smith	Venue: Meeting Room 21 ABC
10:30-11:00	Being Prepared - the value of prehabilitation	Sam Holtzhausen (South Africa)
11:00-11:30	Pain and thoracic surgery	Bev Bolton (South Africa)
11:30-12:00	The role physiotherapy post thoracic surgery	Heleen Van Aswegen (South Africa)
12:30-13:45	LUNCH & POSTER VIEWING NAEP AGM	Venue: Exhibition Hall (2ABFH) Venue: Hall 2D
13:45-15:15	Plenary 5: Burden of lung disease in Africa Chairs: Asma El Sony/ Bertrand Mbatchou	Venue: Hall 2C
13:45-14:15	Asthma epidemiology: a call to action for NCDs in lung health	Refiloe Masekela (South Africa)
14:15-14:45	Communicable and non-communicable complications of HIV other than TB	William Worodria (Uganda)
14:45-15:15	Management of the ground-glass opacity: is it time for new guidelines?	Alan Sihoe (Hong Kong)
13:45-15:15	Thoracic Surgery Track 6: Chairs: Ivan Schewitz/ Monogran Moopanar	Venue: Hall 2E
13:45-14:05	PET in inflammatory lung disease	Nozipho Nyakale (South Africa)
14:05-14:25	Pain Control following Thoracic Surgery	Justin Reddy (South Africa)
14:25-14:45	Targeted therapy drugs and Immunotherapy for NSCLC of the Lung	Biskar Reddy (South Africa)
14:45-15:15	EUS: Oesophageal Carcinoma	Frank Anderson (South Africa)
13:45-15:15	Physiotherapy Track 2: Chronic Lung Disease Chairs: Stephan Nel	Venue: Meeting Room 21ABC
13:45-14:15	Putting it into practice	Sam Holtzhausen (South Africa)
14:15-14:45	Changing behaviour	Bev Bolton (South Africa)
14:45-15:15	Physiotherapy in acute exacerbations of COPD	Alison Lupton-Smith (South Africa)

15:15-15:30	TEA/COFFEE	Venue: Exhibition Hall (2ABFH)
15:30-17:00	Adult Track 4: The environment and pneumonia Chairs: Amsalu Binedgie/ Kevin Mortimer	Venue: Hall 2C
15:30-16:00	The place of pneumococcal challenge models in Africa	Stephen Gordon (Malawi)
16:00-16:30	I've got problems. Lung health in the adult population – from insult to injury	Jamie Rylance (UK)
<u>Oral Abstract Presentations:</u>		
16:30-16:40	Release of interleukin-26 from alveolar type II cells in response to bacterial extracellular vesicles from haemophilus influenzae and pseudomonas aeruginosa	Che Karlhans (Sweden)
16:40-16:50	Agricultural burning practice and acute respiratory symptoms among rural farmers in Cameroon: a three point cohort study	Nganda Motto Malea (Cameroon)
16:50-17:00	Women and girls in resource poor countries experience much greater exposure to household air pollutants than men: results from Uganda and Ethiopia	Gabriel Okello (UK)
15:30-17:00	Paediatric Track 4: Impact of environment on lung health Chairs: Adegoke Falade/ Jonathan Grigg	Venue: Hall 2D
15:30-16:00	I've got solutions: pathways to improving lung health, beginning in early life	Graham Devereux (UK)
16:00-16:30	Intrauterine and postnatal tobacco smoke: impact on lung health	Aneesa Vanker (South Africa)
16:30-17:00	Clinical experience with interstitial lung diseases in South Africa: conquering new frontiers	Pierre Goussard (South Africa)
15:00-16:30	Thoracic Surgery Track 7: Debate Session Chairs: Manogran Moopanar/ Gerard Alexander	Venue: Hall 2E
15:00-15:30	Treatment of localized bronchiectasis in children	Stanley Thula (South Africa)
15:30-16:00	An approach to the solitary pulmonary nodule	M Moopanar (South Africa)
16:00-16:30	Management of minor and massive hemoptysis	S Ramghulam (South Africa)
16:30-17:00	How to start a VATS program in a developing country	Hussein Elkhayat (Egypt)
15:30-17:00	Physiotherapy Track 3: Acute conditions Chairs: Samantha Orrey	Venue: Meeting Room 21ABC
15:30-16:00	TB - no one-hit wonder	Richard van Zyl-Smit (South Africa)
16:00-16:30	Beyond convention - management of acute lung disease	Alison Lupton-Smith (South Africa)
16:30-17:00	Showing our worth - measuring the right things	Stephan Nel (South Africa)
17:15-18:15	SATS AGM	Venue: Hall 2C
19:00-22:00	PATS Gala Dinner sponsored by Cipla	Venue: Hall 3A
Sunday 15 April		
07:30-08:30	Breakfast symposium: Thermofisher sponsored symposium	Venue: Hall 2E
07:30-08:00	Impact of post-operative infections on patient outcome and health-economic data	Zsolt Becze (Hungary)
08:00 - 08:30	Biomarker assisted antibiotic management of surgical patients	János Fazakas (Hungary)
08:30-16:00	Workshop (sponsored by Vitalstrategies) Air pollution workshop	Venue: Meeting Room 21ABC Sean Semple/Kevin Mortimer
08:30-10:00	Adult Track 5: Lungs at work! Chairs: Mohamed Jeebhay/ Metin Akgun	Venue: Hall 2C
08:30-09:00	Chronic lung disease induced by occupational exposure- lessons from Francophone Africa	Bertrand Mbatchou (Cameroon)
09:00-09:30	Lessons learnt occupational exposures around the world	Benoit Nemery (Belgium)
09:30-10:00	Occupation and lung health: the South African experience	Rajen Naidoo (South Africa)

08:30-10:00	Paediatric Track 5: Critical care Chairs: Aneesa Vanker/ Rebecca Nantanda	Venue: Hall 2D
08:30-09:00	Provision of critical care services in LMICs: are we there yet?	Andrew Argent (South Africa)
09:00-09:30	KnO2wledge: EVERESTing ARDS	Shivani Singh (South Africa)
<u>Oral Abstract Presentations:</u>		
09:30-09:40	Knowledge, attitude and practice of primary care physicians in Kenya, Nigeria and South Africa regarding obstructive sleep apnea in children	Diana Marangu (Kenya)
09:40-09:50	Complete CFTR gene mutation analysis in non-white patients with cystic fibrosis	Reratilwe Mphahlele (South Africa)
09:50-10:00	Infant Lung Function and Exposure to Oxides of Nitrogen in a South African birth cohort	Sheena Muttoo (South Africa)
08:00-10:30	Thoracic Surgery Track 8: Chairs: Agneta Geldenhuys/ Shungu Mogaladi	Venue: Hall 2E
08:00-08:20	Management of recurrent malignant pleural effusions	Taha Gwila (South Africa)
08:20-08:40	Technique/indications of coronary endarterectomy	Allen Moodley (South Africa)
08:40-09:00	Management of stage 3A(N2) non-small cell lung cancer	Jinyong Kim (South Africa)
09:00-09:20	Update on surgery for mesothelioma	D Kgomommu (South Africa)
09:20-09:40	Principles of chest wall resection and reconstruction	AJ Kanes (South Africa)
09:40-10:00	Pulmonary hypertensive crisis following paediatric cardiac surgery	Reza Habibi (South Africa)
10:00-10:20	Oesophageal perforation	Ismail Awala (South Africa)
<u>Oral Abstract Presentation:</u>		
10:20-10:30	A case series of minimally invasive lobectomy for inflammatory lung disease	Jithan Jacob Koshy (South Africa)
10:00-10:30	TEA/COFFEE	Venue: Exhibition Hall (2ABFH)
10:30-12:30	Plenary 6: Roadmap for African lung health Chairs: Joseph Alouch/ Stephen Gordon	Venue: Hall 2C
10:30-11:00	The role of respiratory societies in advocacy for lung health	Joseph Aluoch (Kenya)
11:00-11:30	Lung disease and access to therapy	Rebecca Nantanda (Uganda)
11:30-12:00	The triple threat of disease in lung health: the role of the Union	Jeremiah Chakaya (Kenya)
12:00-12:30	Novel asthma biologicals in paediatric asthma	Mariëlle Pijnenburg (Netherlands)
12:30-13:00	Closing Ceremony	Venue: Hall 2C