

# Medical

PROGRAM

SUNDAY 4TH - TUESDAY 6TH AUGUST 2019

MEDICAL PROGRAM



**7:15 - 8:00am | Wake Up Yoga - Meet at Registration**  
 Wake Up Yoga with Focus on Postural Awareness (*all levels welcome*)  
 with Pamela Scarborough, CF Physiotherapist & Yoga Instructor

**7:30 - 5:00pm | Registration**

Room M3	Crown 1	Botanical 3	Botanical 2	Room M1B	Room M1A
<b>9:00 - 12:00pm</b>					
<b>SIG Scientists</b> Coordinators: <b>Anthony Kicic &amp; Luke Garratt</b>	<b>SIG Nurses</b> Coordinator: <b>Judith Glazner</b>	<b>SIG Physiotherapists</b> Coordinator: <b>Jamie Wood</b>	<b>SIG Dietitians</b> Coordinator: <b>Natalie van der Haak</b>	<b>SIG Psychosocial</b> Coordinators: <b>Heather Hugo &amp; Andrea Barrett</b>	<b>SIG Pharmacists</b> Coordinator: <b>Natalia Popowicz</b>

**12:00 - 1:00pm | Australian Cystic Fibrosis Research Trust**  
**30th Anniversary Researcher Luncheon - ACFC Expo, Grand Ballroom**  
 By Invitation

**1:00 - 1:30pm | Conference - Official Opening - Crown 1**

**CELEBRATING PARTNERSHIPS**  
 MC: **Nettie Burke**, CEO Cystic Fibrosis Australia  
 Welcome to Country: **Richard Walley**  
 Speakers: **Patrick O'Connor**, President, Cystic Fibrosis Australia Board  
**André Schultz**, Chair, 13th Australasian Cystic Fibrosis Conference  
**Louise Pratt**, WA Senator

**1:30 - 2:30pm | Key Note Address Plenary 1 - Crown 1**

**FUTURE CYSTIC FIBROSIS THERAPIES**  
 Speaker: **Jane Davies** Chair: **André Schultz**

**2:30 - 3:30pm | Plenary 2 - Crown 1**

**INTERNATIONAL PARTNERSHIPS THAT IMPROVE CARE**  
**- CLINICAL TRIALS & MODELS OF CARE**  
 Speakers: **Stuart Elborn & Scott Bell** Chair: **Adam Jaffé**

**3:30 - 4:00pm | Afternoon Tea - ACFC EXPO**

**4:00 - 5:00pm | Plenary 3 - Crown 1**

**MENTAL HEALTH ACROSS THE SPECTRUM**  
 Speaker: **Beth Smith** Chair: **Peter Wark**

**5:00 - 6:00pm | WELCOME COCKTAIL PARTY - ACFC EXPO**

**6:00 - 6:45am | Wake Up Yoga - Meet at Registration**

Wake Up Yoga with Focus on Breath Awareness with Pamela Scarborough.  
Meet at Registration

**7:30 - 5:00pm | Registration**

**7:00 - 8:30am | VERTEX Sponsored Breakfast Session - Crown 1**

**C FurTheR**

**8:30 - 9:15am | Plenary 4 - Crown 1**

**IMPROVING OUTCOME OF INFECTIONS IN THE AGE OF CFTR MODULATORS**

Speaker: **Lisa Saiman** Chair: **Phil Robinson**

**9:15 - 10:00am | Plenary 5 - Crown 1**

**TRANSITIONING FROM PAEDIATRICS TO ADULT CARE & PRE & POST TRANSPLANT**

Speakers: **Stuart Elborn & Tonia Douglas** Chairs: **Siobhain Mulrennan & Rachel Collins**

**10:00 - 10:30am | Morning Tea - ACFC EXPO**

Crown 1	Crown 2	Crown 3A	Crown 3B	Crown 3C	ACFC Theatre
<b>10:30 - 12:00pm   Concurrent Sessions 1</b>					
<p><b>CHALLENGING INFECTIONS</b></p> <p>Chairs: <b>Anna Tai &amp; Tim Kidd</b></p> <p><b>Update on NTM</b></p> <p>Speaker: <b>Scott Bell</b></p> <p><b>Treatment of Difficult NTM</b></p> <p>Speaker: <b>Tonia Douglas</b></p> <p><b>How to Manage Stenotrophomonas &amp; Achromobacter</b></p> <p>Speaker: <b>Barry Clements</b></p> <p><b>Making the Most of Tobramycin</b></p> <p>Speaker: <b>Paul Beringer</b></p> <p><b>How to Manage Aspergillus</b></p> <p>Speaker: <b>Peter Wark</b></p>	<p><b>TRANSLATING MENTAL HEALTH INTO BETTER OUTCOMES</b></p> <p>Chairs: <b>Peter Wark &amp; Jodi Hilton</b></p> <p><b>The Australian Mental Health Trial Update</b></p> <p>Speakers: <b>Peter Wark &amp; Jodi Hilton</b></p> <p><b>Disordered Eating in CF</b></p> <p>Speaker: <b>Alistair Duff</b></p> <p><b>Mental Health of Siblings</b></p> <p>Speakers: <b>Judith Glazner &amp; Elise Orange</b></p> <p><b>Drug &amp; Alcohol Addiction in CF</b></p> <p>Speaker: <b>Steve Allsop</b></p>	<p><b>PHYSICAL FUNCTIONING &amp; PHYSIOTHERAPY</b></p> <p>Chairs: <b>Michael Doumit &amp; Tiffany Dwyer</b></p> <p><b>The Challenge to Coordinate the Multiple Functions of the Diaphragm: Implications for Living with CF</b></p> <p>Speaker: <b>Paul Hodges</b></p> <p><b>Chronic Cough &amp; Inducible Laryngeal Obstruction (ILO)</b></p> <p>Speaker: <b>Kate Baumwol</b></p> <p><b>Malacia &amp; ACT Considerations in CF</b></p> <p>Speaker: <b>Julie Depiazzi</b></p> <p><b>CFTR Modulator Therapy &amp; Physical Function: A Physiotherapy Perspective</b></p> <p>Speaker: <b>Michelle Wood</b></p> <p><b>The Impact of Exercise Training on the Whole Body</b></p> <p>Speaker: <b>Zoe Saynor</b></p>	<p><b>TRANSPLANT</b></p> <p>Chairs: <b>Siobhain Mulrennan &amp; Sharon Lawrence</b></p> <p><b>Overview of Multiple Organ Transplant</b></p> <p>Speaker: <b>Trevor Williams</b></p> <p><b>Sponsored by Cystic Fibrosis Community Care -VIC</b></p> <p><b>Optimising Nutrition Around Transplant</b></p> <p>Speaker: <b>Louise Hesketh</b></p> <p><b>Sponsored by Cystic Fibrosis Queensland</b></p> <p><b>Negotiating Transition Around Transplant Professional to Professional</b></p> <p>Speaker: <b>Anthony Talbot</b></p> <p><b>Psychosocial Aspects Around Transplant</b></p> <p>Speaker: <b>Beth Smith</b></p>	<p><b>DIETETICS &amp; NUTRITION</b></p> <p>Chairs: <b>Natalie van der Haak &amp; Susannah King</b></p> <p><b>Optimising Nutrition in CF</b></p> <p>Speaker: <b>Chris Smith</b></p> <p><b>Are We Achieving Energy Demands at the Expense of Diet Quality?</b></p> <p>Speaker: <b>Tamarah Katz</b></p> <p><b>Body Composition in CF</b></p> <p>Speakers: <b>Susannah King &amp; Chris Smith</b></p> <p><b>The Future of Nutrition in CF</b></p> <p>Speakers: <b>Natalie van der Haak &amp; Jenna Stonestreet</b></p>	<p><b>STANDARDS OF CARE</b></p> <p>Chairs: <b>Phil Robinson &amp; John Wilson</b></p> <p><b>The New Australian Psychological Standards of CF Care</b></p> <p>Speakers: <b>Andrea Barrett &amp; Anthony Talbot</b></p> <p><b>Australasian Clinical Guidelines for Social Work in CF</b></p> <p>Speaker: <b>Heather Hugo</b></p> <p><b>Australian CF Standards of Care</b></p> <p>Speaker: <b>Phil Robinson</b></p> <p><b>Infection Control Standards of Care</b></p> <p>Speaker: <b>David Armstrong</b></p>

**12:00 - 1:00pm | Lunch - ACFC EXPO**

<b>12:15pm Lunchtime Debate 1   (20mins) - Crown 1</b>					
<b>INFECTON CONTROL</b> We Are Not Doing Enough vs. Have We Lost Perspective? Speakers: <b>Sarath Ranganathan vs. Adam Jaffé</b> Chair: <b>Tonia Douglas</b>					
<b>12:40pm Lunchtime Debate 2   (20mins)- Crown 1</b>					
<b>ANTENATAL DIAGNOSIS &amp; POPULATION SCREENING</b> Speakers: <b>John Massie vs. Claire Wainwright</b> Chair: <b>Judith Morton</b>					
<b>1:00 - 2:00pm   Thematic Posters - ACFC EXPO</b>					
<b>Crown 1</b>	<b>Crown 2</b>	<b>Crown 3A</b>	<b>Crown 3B</b>	<b>Crown 3C</b>	<b>ACFC Theatre</b>
<b>2:00 - 3:00pm   ePoster Discussion</b>					
<b>Infection/Microbiology/ Immunology</b> Chair: <b>Stephen Stick</b>	<b>Physiotherapy</b> Chair: <b>Michael Doumit</b>	<b>Psychosocial/Nursing/ Education</b> Chair: <b>Judith Glazner</b>	<b>Molecular Biology/ Physiology</b> Chair: <b>Anthony Kicic</b>	<b>GI/Nutrition</b> Chair: <b>Natalie van der Haak</b>	<b>Clinical/Clinical Trials/ Quality Improvement</b> Chair: <b>Adam Jaffé</b>
<b>3:00 - 3:30pm   Afternoon Tea - ACFC Expo</b>					
<b>Crown 1</b>	<b>Crown 2</b>	<b>Crown 3A</b>	<b>Crown 3B</b>	<b>Crown 3C</b>	<b>ACFC Theatre</b>
<b>3:30 - 5:00pm   Concurrent Sessions 2</b>					
<b>THE DRUG DEVELOPMENT PIPELINE</b> Chair: <b>Peter Wark</b> <b>The Drug Development Process from Molecule to Medicine</b> Speaker: <b>Jane Davies</b> <b>Managing the Burden of CF Drug Development</b> Speaker: <b>Barry Clements</b> <b>Glucose Altering Therapy - Time to Implement Into Practice?</b> Speaker: <b>Shihab Hameed</b> <b>Gene Therapy Update</b> Speaker: <b>David Parsons</b> <b>Emerging Antibiotic &amp; Anti-Inflammatory Therapies</b> Speaker: <b>Felix Ratjen</b>	<b>TARGETING INFLAMMATION &amp; INFECTION</b> Chairs: <b>Anthony Kicic &amp; Luke Garratt</b> <b>Novel Strategies to Fight Infection</b> Speaker: <b>David Reid</b> <b>Targeting Infection</b> Speaker: <b>Lisa Saiman</b> <b>Targeting Inflammation</b> Speaker: <b>Paul Beringer</b> <b>Increased Elastase Activity on the Surface of Airway Neutrophils: Is it Relevant &amp; How Can We Measure It?</b> Speaker: <b>Marcus Mall</b> <b>Understanding Antimicrobial Resistance in People With CF</b> Speaker: <b>Tim Kidd</b> <b>The Molecular Mechanism of Defective Anti-Inflammatory Responses by Macrophages in CF</b> Speaker: <b>Abdullah Tarique</b> <b>Antimicrobial Resistance in CF - International Taskforce</b> Speaker: <b>Scott Bell</b>	<b>LATE COMPLICATIONS</b> Chair: <b>Anna Tai</b> <b>Optimising Nutrition with CFRD</b> Speaker: <b>Angela Matson</b> <b>CFRD &amp; Microvascular Disease in CF</b> Speaker: <b>Joey Kaye</b> <b>Antibiotic Allergy in CF - A Way Forward</b> Speaker: <b>Michaela Lucas</b> <b>Sinus Disease</b> Speaker: <b>Shane Ling</b> <b>The Ageing Lung in CF</b> Speaker: <b>David Reid</b> <b>The Importance of Consumer Engagement in Research</b> Speaker: <b>Anne McKenzie</b>	<b>CYSTIC FIBROSIS GASTROENTEROLOGY</b> Chair: <b>Adam Jaffé</b> <b>Why the Gut Microbiome is Important in CF &amp; the Role of Probiotics</b> Speaker: <b>Keith Ooi</b> <b>How Bile Salt Aspiration Drives CF Lung Disease</b> Speaker: <b>Jose Caparrós-Martín</b> <b>Enteral Feeding in CF</b> Speaker: <b>Chris Smith</b> <b>Clostridium difficile</b> Speaker: <b>Thomas Riley</b> <b>The Risk of GI Malignancy &amp; How to Screen</b> Speaker: <b>Keith Ooi</b> <b>Pancreatic Enzyme Replacement Therapy (PERT)</b> Speaker: <b>Natalie van der Haak</b>	<b>THE CHALLENGE OF ADHERENCE TO TREATMENT</b> Chairs: <b>Natalia Popowicz &amp; Andrea Barrett</b> <b>How to Measure Adherence</b> Speaker: <b>Juliet Foster</b> <b>How the MDT Can Help Improve Adherence to Prescribed Treatment</b> Speaker: <b>Alistair Duff</b> <b>Social &amp; Mental Health Focus to Improve Adherence</b> Speaker: <b>Beth Smith</b> <b>PERX Health - Using Behavioural Science to Improve Adherence &amp; Engagement in CF</b> Speakers: <b>Scott Taylor</b> <b>Adherence to Treatment During Pregnancy</b> Speaker: <b>Judith Morton</b>	

**7:00pm - Late | The Conference Celebration -**  
**The Hall @ Camfield, Roger MacKay Dr, Burswood**  
 Just a 5min walk from The Crown

7:30 - 3:00pm | Registration

7:00 - 8:00am

**X-RAY VELOCIMETRY:  
THE FUTURE OF LUNG HEALTH MEASUREMENT & MONITORING IN CF**  
Speaker: David Parsons Chair: Phil Robinson

Crown 1

Crown 2

Crown 3A

Crown 3B

Crown 3C

ACFC Theatre

8:00 - 9:30am | Concurrent Sessions 3

**EARLY LUNG DISEASE**

Chair: **Stephen Stick**  
**Using MRI to Determine the Nature of Early Lung Disease**  
 Speaker: **Marcus Mall**  
**Physiology Functional Consequences of Early Lung Disease Severity**  
 Speaker: **Felix Ratjen**  
**Epigenetics: Markers From Early Life Which Predict Future Lung Disease Severity**  
 Speaker: **Shivanthan Shantikumar**  
**When Partnerships Go Bad: Neutrophilic Inflammation in Early Life**  
 Speaker: **Luke Garratt**  
**Early Lung Disease, What Should Be Our treatment Goals?**  
 Speaker: **Stephen Stick**

**CARE PARTNERSHIPS**

Chairs: **Judith Glazner & Charlotte Burr**  
**A Standardised Approach to Acute FEV<sub>1</sub> Decline**  
 Speaker: **Debbie Benitez**  
**The Rollout of Orkambi in a Large Adult CF Clinic**  
 Speaker: **Carmel Parlapiano**  
**CF Professional Development Day For Educators**  
 Speaker: **Jane Willis**  
**Improving Clinical Care Around Diagnosis & Early Infancy. Assessment of the Parent-Child Relationship in the Context of a CF Diagnosis**  
 Speaker: **Andrea Barrett**  
**Transitioning Aboriginal Patients to Adult Care Using Culturally Safe Practises**  
 Speaker: **Heather Hugo**  
**Open Door Policy for Managing CF**  
 Speaker: **Sue Morey**

**NOVEL STRATEGIES TO ADDRESS ANTIMICROBIAL RESISTANCE**

Chairs: **Sarath Ranganathan & Andrew Tai**  
**Pharmacokinetics & Pharmacodynamics with Antibiotic Use**  
 Speaker: **Paul Beringer**  
**Resisting Challenging Bugs: How to Address Antibiotic Resistance**  
 Speaker: **Lisa Saiman**  
**Novel Antimicrobials: Including Small Molecules & Phages**  
 Speaker: **Anthony Kicic**  
**Back Against the Wall: Using Therapies That Do Not Yet Have the Weight of Evidence Behind Them**  
 Speaker: **Veronica Yozghatlian**  
**Azithromycin Benefits verses Risks**  
 Speaker: **Sarath Ranganathan**

**PRECISION MEDICINE**

Chairs: **Judith Morton & Adam Jaffé**  
**Rare Mutations**  
 Speaker: **Jane Davies**  
**Organoids & Individual Mutations**  
 Speakers: **Adam Jaffé & Shafagh Waters**  
**Treatable Traits & CF**  
 Speaker: **Peter Wark**  
**The MDT Role in Precision Medicine**  
 Speakers: **Peter Middleton & Catherine Byrnes**

**LOOKING FORWARD IN PHYSIOTHERAPY**

Chairs: **Anna Middleton & Angela Potter**  
**Airway Clearance in the Next Decade**  
 Speaker: **Brenda Button**  
**The Evolution of Inhalation Therapy**  
 Speaker: **Ruth Dentice**  
**The Future of Exercise Testing**  
 Speaker: **Zoe Saynor**  
**PRO/CON DEBATE: Exercise Can Be Used As Airway Clearance**  
 Speakers: **Nathan Ward vs. Jamie Wood**

**QUALITY IMPROVEMENT & REGISTRIES**

Chair: **Tom Snelling**  
**The Australian Peer Review Platform**  
 Speaker: **Claire Wainwright**  
**Utilising the ACFDR for Real World Outcomes**  
 Speakers: **Scott Bell & Susannah Ahern**  
**Patient Reported Outcomes - PROs**  
 Speaker: **Rasa Ruseckaite**  
**Rationale for an Adaptive Platform Trial for Improving Outcomes in Exacerbations of CF**  
 Speaker: **André Schultz**  
**BEAT CF - Challenges & Progress in Setting Up an Adaptive Platform Trial in CF**  
 Speaker: **Tom Snelling**

9:30 - 10:00am | Morning Tea - ACFC EXPO

Crown 1

Crown 2

Room 3A

Room 3B

Room 3C

ACFC Theatre

10:00 - 11:30am | Oral Abstracts

**Physiotherapy**  
 Chair: **Jamie Wood**

**Clinical/ Clinical Trials/ Quality Improvement**  
 Chair: **Siobhain Mulrennan**

**Molecular Biology/ Physiology**  
 Chair: **Anthony Kicic**

**GI/ Nutrition**  
 Chair: **Natalie van der Haak**

**Psychosocial/ Nursing/ Education**  
 Chair: **Judith Glazner**

**Infection/ Microbiology/ Immunology**

11:30 - 12:00pm | Lunch - ACFC EXPO

