# Preliminary Program

**Sunday, September 17, 2017**

<table>
<thead>
<tr>
<th>Evening</th>
<th>Welcome reception</th>
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<td><em>Merton College Chapel</em></td>
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**Monday, September 18, 2017**

| Plenary 1 | Breathing comes of age;  
Jack Feldman, UCLA, USA  
Chair: Greg Funk |
|-----------|--------------------------|

| Session 1 | Rhythm and pattern generation I  
Chair: Christopher Del Negro |
|-----------|-----------------------------|

**Confirmed Speakers:**
- Jeffrey C. Smith
- Jan-Marino Ramirez
- Kevin Yackle
- Kaiwen Kam
- John A. Hayes

| Session 2 | Development  
Chairs: Gilles Fortin and Muriel Thoby-Brisson |
|-----------|-----------------------------------------------|

**Confirmed Speakers:**
- Jean-François Brunet
- Gilles Fortin
- Valérie Castellani
- Carmen Birchmeier
Session 3  
**Rhythm and pattern generation II**  
*Chair: TBC*

**Confirmed Speakers:**  
Christopher Del Negro  
Sylvia Pagliardini  
Mathias Dutschmann  
Ed Zuperku  
Thomas E Dick

Trainee Session 1  
**Presentations from selected young investigators**

Poster Session 1  
**Thematic poster session TBC**

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**Tuesday, September 19, 2017**

Plenary 2  
**Sensing of hypoxia in animal cells;**  
Peter Ratcliffe, University of Oxford, UK  
*Chair: David Paterson*

Session 4  
**Peripheral oxygen sensing**  
*Chair: Richard Wilson*

**Confirmed Speakers:**  
Nanduri Prabhakar  
Andy Chang  
Keith Buckler  
Jose Lopez-Barneo

Session 5  
**Central oxygen sensing**  
*Chair: Richard Wilson*

**Confirmed Speakers:**  
Greg Funk  
Richard Wilson  
Nephtali Marina  
Fernando Peña-Ortega  
Mark Evans
Main poster session and drinks reception

Wednesday, September 20, 2017

Plenary 3

Modelling lung structure-function interactions over the lifespan; Merryn Tawhai, University of Auckland, New Zealand

Chair: Peter Robbins

Session 6

Modelling of the respiratory networks and the lungs

Chairs: Jonathan Rubin and Ilya Rybak

Confirmed Speakers:

Ilya Rybak
Jonathan Rubin
Yaroslav Molkov
Bruce Lindsey
Teresa Pitts
Peter Robbins

Session 7

Central Chemoreception

Chair: Robert Huckstepp

Confirmed Speakers:

Susan Dymecki
George Richerson
Ruth Stornetta
Daniel Mulkey

Session 8

Breathing with neuromuscular disease: consequences and compensation

Chairs: Gordon Mitchell and Tracy Baker

Confirmed Speakers:

Ken O’Halloran
David Fuller
Steve Crone
Tracy Baker
Gordon Mitchell
Thursday, September 21, 2017

Plenary 4

**Sentinels of brain blood flow;**
Julian Paton, University of Bristol, UK
*Chair: TBC*

Session 9

**Control of cerebral blood flow**
*Chair: Marc Poulin*

**Confirmed Speakers:**

Georgios Mitsis
Caroline Rickards
Kyle Pattinson
Samuel Verges

Session 10

**Systemic inflammation and the control of breathing**
*Co-Chairs: Jyoti Watters and Paul Pilowsky*

**Confirmed Speakers:**

Jyoti Watters
Frank Powell
Paul Pilowsky
Arash Tadjalli
Gareth Ackland

Session 11

**Farewell**