

Preliminary Program



Sunday, September 17, 2017

Evening

Welcome reception
Merton College Chapel

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

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

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

Evening

Conference dinner

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