**Nutrition and the Biology of Ageing**

**12-14 September 2022**

**University of Kent**

**Day 1 (12th)**

*14:00-16:00* *Registration and refreshments*

**14:00-15:30** **ECR Workshop ‘Reflexivity in Research’ run by Dr Jennifer Leigh**

New initiative linking social sciences to scientific research. It will get you to think about who you are as a scientist and make you better at what you do.

**15:45-16:00** **Welcome & introduction**

16:00-17:00 **Brian Kennedy** - National University of Singapore, Singapore

‘TBC’

*17:00-18:00* **PUBLIC EVENTCassandra Coburn**

Cassandra is editor in chief of *‘The Lancet Healthy Longevity’,* and author of *‘Enough’* an excellent read discussing how your food choices will help you age better and change the planet!

**Followed by a panel discussion**

*18:00-18:15* *Flash poster presentations*

*18:15-19.30* *Poster session 1 and refreshments*

**20:00**  **Dinner**

**Day 2 (13th)**

**09:00-10:30**   **MOLECULAR MECHANISMS OF AGEING**

09:00-09:30 **Joris Deleen** - Max Planck institute, Cologne, Germany

‘Identification and functional characterisation of genetic variants linked to human longevity’

09:30-10:00 **Martin Denzel** - Altos labs, Cambridge, UK

‘Role of metabolism and protein quality control – insights from high resolution genetic screens’

10:00-10:15 Selected Oral communication

10:15-10:30 Selected Oral communication

*10:30-11:00 Coffee break*

**11:00-12:30**  **NUTRITIONAL SIGNALS IN AGEING**

11:00-11:30 **Keith Blackwell** – Joslin Diabetes Center, Harvard, Boston, USA

‘Nutritional signals that promote longevity’

11:30-12:00 **Paul Shiels** – University of Glasgow, UK

‘The exposome, nutrition and ageing at the extremes’

12:00-12:15 Selected Oral communication

12:15-12:30 Selected Oral communication

*12:30-13:30 Lunch*

**13:30-15:00**  **THE GUT MICROBIOME AND AGEING**

13:30-14:00 **Irene Miguel-Aliaga** - Imperial College, London, UK

‘Hungry brains and clever guts’

14:00-14:30 **Claire Steves** - King’s College London, UK

‘Microbiome modulation and ageing’

14:30-14:45 Selected Oral communication

14:45-15:00 Selected Oral communication

*15:00-15:30 Tea break*

**15:30-17:00** **INNOVATION AND BIOTECH IN AGEING RESEARCH**

15:30-16:00 **Jyothi Devakumar** – Longevity Tech fund and Longevity Builders

‘TBC’

16:00-16:30 **Tina Woods** - Founder & CEO, Collider Health

‘Intersection of science, tech, policy and business - new thinking, new opportunities’

16:30-17:00 General/panel discussion led by **David Weinkove**

17.00-17:15 Flash poster session 2

17:15-18:30 Poster session 2 with refreshments

18:30-19:30 Evening pre-dinner ‘Meet the speakers’

*19.30-22:30 Conference Dinner*

**Day 3 (14th)**

**09:00-10:30** **NUTRITION AND THE AGEING BRAIN**

09:00-09:30 **Jane Murphy** – Bournemouth University, Bournemouth, UK

’TBC’

09:30-10:00 **Kate Ellacot** - University of Exeter, Exeter, UK

‘Diet induced changes in astrocytes – implications for physiology and pathophysiology’

10:00-10:15 Selected Oral communication

10:15-10:30 Selected Oral communication

*10:30-11:00 Coffee break*

**11:00-12.00** **TRANSLATIONAL RESEARCH INTO AGEING**

11:00-11:30 **Celine Halioua -** Founder and CEO, Loyal, San Francisco, USA

‘TBC’

11:30-11:45 Selected Oral communication

11:45-12:00 Selected Oral communication

12:00-12:15 Selected Oral communication

12:15-12:30 Selected Oral communication

12:30-13:45 Lunch and general poster session

13:45-14:00 Meeting close and departure