



## **INDIGO/EUGOGO symposium – Provisional programme**

### **'Deciphering the Role of the Microbiome in Autoimmune Thyroid & Ocular Disease'**

Cardiff University, Main Building, Park Place, Cardiff CF10 3XQ

**Thursday April 21<sup>st</sup> 2.00-6.00pm**

**Registration 2.00-2.15pm Viriamu Jones Gallery [VJG]**

**Introduction & Welcome 2.15pm Wallace Lecture Theatre [WLT]**

Marian Ludgate (INDIGO) & Claudio Marcocci (EUGOGO)

**INDIGO Brief Summary 2.30-3.30pm** <http://www.indigo-iapp.eu/>

Giuseppe Colucci, 'Probiotic trial in patients with autoimmune thyroid disease'

Lei Zhang, 'omics approaches to identifying biomarkers in autoimmune disease'

Giulia Masetti, 'Microbiome comparisons in autoimmune thyroid/eye diseases and healthy controls'

Hedda Koehling, 'In vitro models to investigate gut epithelium & immune cell interactions with the microbiota'

Danila Covelli, 'Analysis of immune responses to environmental antigens in autoimmune thyroid/eye disease'

**TSHR Antigen in GD/GO 3.30-4.00 pm**

Ricardo Nunz Miguel (RSR, Cardiff) Mechanism of TSH receptor activation; target antigen in autoimmune thyroid (Graves') disease (GD).

**Tea/Coffee 4.00-4.30pm VJG**





## **Modelling Graves' Orbitopathy (GO) 4.30-6.00pm WLT**

**Chairpersons:** Buchi Okosieme/Milos Zarkovic

Maryse Bailly (IO, London), '3D in vitro models of tissue remodelling in autoimmune eye disease (GO)'.

Sajad Moshkelgoshia (Essen, INDIGO), 'Induced murine model of autoimmune eye disease (GO)'

Joanne Jones (Cambridge), 'Mechanisms of thyroid autoimmunity following lymphocyte depletion with Alemtuzumab; a human model of GD/GO'

## ***Symposium Dinner 7.30pm Jury's Parc Hotel Cardiff***

### **Friday April 22<sup>nd</sup> 9.00- 4.00pm**

#### **Managing & Diagnosing GO 9.00-10.20am WLT**

**Chairpersons:** Anja Eckstein/Chantal Daumerie

Mario Salvi (Milan, INDIGO), 'Rituximab in GO, which patients benefit?'

Shazli Draman (Cardiff), 'Bimatoprost, novel approach to reducing proptosis'

Wisla Furmaniak (RSR Cardiff), 'Therapeutic potential of human monoclonal autoantibodies to the TSH receptor.'

#### ***Tea/coffee 10.20-10.50 VJG***

#### **Gut Feelings 10.50-12.20 WLT**

**Chairpersons:** Sue Plummer/Colin Dayan

Julian Marchesi (Cardiff, INDIGO), 'Lessons from microbiome analysis; Dysbiosis'

Astrid Westendorf (Essen), 'CD4+ T cells responses in the intestinal mucosa: inflammation versus immune regulation'

Glenn Gibson (Reading), 'Gut Microbiology'





**Lunch 12.20-1.20pm VJG**

**Are You are What you Eat? 1.20-2.00pm WLT**

**Chairpersons:** Anjana Haridas/Petros Perros

Lynne Kyffin (Newcastle, INDIGO, patient), 'How changing my diet improved my view'

Colin Hill (Cork) 'Prebiotics/probiotics in health & disease'

**What Can We Learn from Other Ocular Disease? 2.00-3.00pm**

**Chairpersons:** Filippo Biscarini/Dan Morris

Lai Wei (NEI, USA & Zhongshan, China), "Ocular Surface Microbiome".

Richard Lee (Bristol, London), 'Uveitis - an Immunological Balancing Act'

**Tea/Coffee 3.00-3.30pm VJG**

**General Discussion 3.30-4.00pm WLT** Marian Ludgate, Wilmar Wiersinga, Lelio Baldeschi, Colin Dayan, Richard Lee.

