

Endocrine Masterclass and Adrenal Study Day Friday 7th March 2025

Organised by Dr Florian Wernig, Professor Wiebke Arlt and Professor Karim Meeran

9.45am. Registration and coffee.

10.00am Morning sessions (LMS)

Chair: Wiebke Arlt and Florian Wernig

Adrenal Research Sessions (10 min oral presentations followed by discussion)

- 10.00 Enhancing Adrenal Vein Sampling: The Role of Plasma Metanephrines in Diagnosing Primary Aldosteronism. Presenter Dr Zin Htut (Imperial)
- 10.15 Advances in functional adrenal imaging. Presenter Dr James MacFarlane/ Prof Mark Gurnell (University of Cambridge)
- 10.30 Endoscopic ultrasound-guided radiofrequency ablations of aldosterone-producing adenomas. Presenter Emily Goodchild (Queen Mary University of London)
- 10.45 *KDM1A* in Primary Macronodular Adrenal Hyperplasia: recent advances and future perspectives. Presenter Dr Lucas Bouys (MRC Laboratory of Medical Sciences)
- 11.00 PRED-AID. Steroid prescribing in adrenal insufficiency. Dr Sirazum Choudhury

- 11.15 DLK1 - a novel biomarker and therapeutic target in ACC. Presenter Dr James Pittaway (Queen Mary University of London)
- 11.30 Understanding the role of nuclear receptor regulated lipid pathways in ACC. Dr Sheba Jarvis/ Dr Joshua Aglinko (Imperial)
- 11.45 Implementation of urinary steroid metabolomics for the detection of ACC. Presenter Dr James Hawley (MRC Laboratory of Medical Sciences)
- 12.00 Integrative bioinformatics analyses to identify novel biomarkers and tissue-specific targets in adrenocortical cancer. Presenter Dr Josh Aglinko (Imperial)
- 12.15 Metabolic coordination of androgen and glucocorticoid action by 11 β -hydroxysteroid dehydrogenases. Presenter Dr Lina Schiffer (MRC Laboratory of Medical Sciences)

Afternoon sessions (Wolfson Education Centre):

Adrenal Clinical Cases (15 min oral presentations followed by discussion)

- 1.30 **Case 1** Many decisions to make...lessons from the basketball court. Presenter Dr Giulia Argentesi (University College London Hospitals)
- 1.50 **Case 2** A Change of Direction. Presenter Dr Sonam Tshering (St Bartholomew's Hospital)
- 2.10 **Case 3** Endocrine Complexity in Pregnancy. A Twin Journey with Cushing's Syndrome. Presenter Dr Sheba Jarvis (Imperial)

2.30 Coffee break

3.00: **Plenary by Professor Fassnacht:** Clinical research in adrenocortical carcinoma - a personal journey through the last 25 years

- 3.30pm **Case 4** A case of hereditary bilateral and recurrent adrenocortical carcinoma. Presenters Dr Sophie Howarth and Dr James MacFarlane (Cambridge)
- 3.50 **Case 5** Multimodal therapy including SIRT for stage 4 adrenal cancer. Presenter Dr Aviva Freedman (King's College Hospital)
- 4.10 **Case 6** Unexpected Resilience: Adrenal Regeneration Following Bilateral Adrenalectomy. Presenter Dr Gul Bano (St. George's Hospital)

- 4.45pm Certificates and close