

RET @ CRICK

RET Research Collaborative Network Inaugural Meeting

Monday 10th June, 2019

The Francis Crick Institute, 1 Midland Road, London, NW1 1AT

CPD accreditation with Royal College of Physicians applied for

Programme

- 8 – 9 Registration (tea/coffee/croissants)
- 9 – 9.10 Welcome: Tom Kurzawinski and Rakhee Chauhan
- Session 1. An Introduction to RET and MEN2**
Chairs: Prof Raj Thakker, Mrs. Jo Grey
- 9.10 – 9.35 **A RETrospective view of GDNF signalling**
Prof. Neil McDonald, Senior Group Leader, the Francis Crick Institute
- 9.35 – 10.00 **Testing for RET (indications, results, VUS).**
Dr. Louise Izatt, Consultant in Clinical Genetics at Guy's and St Thomas' NHS Foundation Trust and King's College London
- 10.00 – 10.25 **Thyroid surgery in MEN2; A Gospel according to RET?**
Mr. Tom Kurzawinski, Consultant Endocrine Surgeon UCLH & GOSH
- 10.25 – 10.50 **A closer look into how RET point mutations influence MEN2 phenotypes**
Dr Rakhee Chauhan, Postdoctoral Research Fellow, The Francis Crick Institute
- 10.50 – 10.55 **Session Discussion**
- 10.55 – 11.15 Networking tea/coffee break.**
- Session 2. RET and Hirschsprung's disease.**
Chairs: Dr Nikhil Thapar, TBC
- 11.15 – 11.40 **Mouse modelling of RET induced Hirschsprung's disease.**
Prof. Robin Lovel-Badge / Rosalyn Flowers, Senior Group Leader / PhD student The Francis Crick Institute
- 11.40 – 12.05 **Identification, treatment and genetics of Hirschsprung's disease.**
Dr Robert MW Hofstra, Head of Department of Clinical Genetics, Erasmus MC, Rotterdam, Netherland
- 12.05 – 12.30 **Structural insights into RET folding**
Dr. Svend Kjaer, STP Deputy The Francis Crick Institute
- 12.30 – 12.40 **Session Discussion**
- 12.40 – 13.30 Networking Lunch**

Session 3. Diverse Roles of RET.

Chairs: Prof Marta Korbonits, Dr Caroline Brain

13.30 – 13.55 **The Pituitary and RET.**

Clara Alvarez, Professor of Physiology, Santiago de Compostela, Spain

13.55 – 14.20 **Parkin regulates Ret protein levels**

Dr. Edgar Kramer, Group Leader University of Plymouth

14.20 – 14.45 **Novel functions in RET signalling; RET and GFRAL in body weight regulation.**

Dr. Sebastian Jørgensen, Novo Nordisk

14.45 – 15.10 **Activation of RET signalling improves haematopoietic stem cell potency and bone marrow transplantation.**

Dr. William Grey, Postdoctoral Research Fellow, the Francis Crick Institute

15.10 – 15.35 **Session Discussion.**

15.35 – 15.55 **Networking tea/coffee break.**

Session 4. Targeting RET in Oncology.

Chairs: Dr Rakhee Chauhan, Prof Ashley Grossman

15.55 – 16.20 **RET fusions in NSCLC; insights from the TracerX project.**

Dr Crispin Hiley, Senior Lecturer & Consultant Clinical Oncologist UCLH

16.20 – 16.45 **Therapy of human cancers with RET fusion; from multiple kinase inhibitors to specific inhibitors**

Dr. Takashi Kohno, Chief of the Division of Genome Biology, National Cancer Centre Research Institute, Japan

16.45 – 17.10 **Targeting RET clinically: past and present therapeutics**

Dr. Kate Newbold, Consultant Clinical Oncologist, The Royal Marsden, London, UK

17.10 – 17.35 **Next generation RET inhibitors; the future is here! Blueprint BLU-667 clinical efficacy in lung cancer and MTC.**

Dr Martin Foster, Associate Professor and Consultant in Medical Oncology, UCL Cancer Institute / UCLH

17.35 – 17.45 **Session Discussion**

17.45 – 17.50. **Closing Remarks**

Drinks Reception/Networking Evening at Crick

To book your free place, scan the QR code or visit www.eventbrite.com/e/retcrick-tickets-52393900567

