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 RET and oncogenesis with a focus on MEN2 syndrome
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 Sex differences in the roles of RET isoforms in the enteric nervous system and brain.
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  **TracerX RET fusions in NSCLC.**
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 Pablo Sierra, Blue Print Medicines, Cambridge, UK

17.35 – 17.45  **Session Discussion**

17.45 – 17.50  **Closing Remarks**

Drinks Reception/Networking Evening at Norfolk Arms

*To book your free place, scan the QR code or visit [www.eventbrite.com/e/retcrick-tickets-52393900567](https://www.eventbrite.com/e/retcrick-tickets-52393900567)*