CRC/TRR205

Pheochromocytomas and Paragangliomas workshop

Dresden, July 16\textsuperscript{th} 2018

Collaborative Research Centre/Transregio 205
The Adrenal: Central Relay in Health and Disease
CRC/TRR205 Pheochromocytomas and Paragangliomas workshop

Date: Monday July 16th

Location: University Hospital Dresden (UKD), building 19, room 1.158/9

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WLAN access: Patienten-WLAN (only terms of use to confirm)

Workshop focus

The focus of the workshop will be geared towards the growing need to merge and integrate disparate clinical and basic datasets on pheochromocytomas and paragangliomas (PPGLs). This will be centered around linked efforts at Spanish National Cancer Research Centre (CNIO) and Dresden with combining our own and publically available omics datasets about these tumors with all available clinical data. This is particularly timely since as we and others generate and share large sets of data from many of the same patients it is becoming not only increasingly important, but also difficult and complex to extract the data we require to advance the field and address questions for public dissemination. As we develop and explore improved model systems there is also need to better integrate omics-related data from these basic models with the data we are compiling from our clinical research. Therefore the workshop envisages a platform to support translational research that will crucially involve investigators working with patients, model systems and the management of associated data.

With the aim of addressing the above issues, each speaker will be instructed to present his or her work in the context of data integration. Additionally this workshop provides a forum to discuss ongoing collaborative projects and associated manuscripts in the pipeline. It also aims to facilitate collaborative efforts for future funding proposals available to us in Europe.
Preliminary Timetable

09:00  Arrival at UKD and preliminary meetings with scientific and laboratory staff

10:00  Start of workshop – Morning session [Chair: Graeme Eisenhofer]

10:00  Introduction – Graeme Eisenhofer

10:10  Clinical studies Unit & overview of PPGL clinical protocols

  Katharina Langton – eCRFs, PMT & clinical data collection

  Jacques Lenders – Prospheo

10:30  Pheochromocytoma patients – An update from Munich – Susanne Schmid (LMU)

10:40  General discussion (10 min)

10:50  The CNIO PPGL clinical genetics and omics database – Mercedes Robledo (CNIO)

11:10  The power of using the Paradifference omics repository – Bruna Calsina (CNIO)

11:30  The Dresden PPGL clinical genetics data pipeline – Laura Gieldon

11:50  PPGL metabologenomics – Susan Richter

12:05  General discussion (10 min), afterwards group picture

12:15  Break for lunch

13:30  Start of afternoon workshop session [Chair: Jacques Lenders]

13:30  New horizons for untargeted metabolomics – Paal Wallace

13:40  PPGL proteomics and HIF-MYC/MAX – Nan Qin (UKD)

14:00  Kynurenin metabolism in SDHB paraganglioma – Stephanie Fliedner (UKL)

14:10  Mice PPGL model systems & translation to the clinic – Jens Pietzsch (HZDR)

14:25  ZIH data management with focus on PPGLs – Manuel Schulze (TUD)

14:55  General discussion – moving forward

15:30  End of Workshop – coffee break & beginning of one-on-one meetings with Dr. Robledo
We would like to thank the following sponsors for their support:

![CHROMSYSTEMS](image)

![mitNORM](image)

We are pleased to welcome you.

Prof. Graeme Eisenhofer