

1st World NET Forum

A Forum on Basic and Translational Science in
Neuroendocrine Neoplasms



Hybrid Event

8 – 9 March 2022 | Barcelona | Spain

PROGRAMME

ENETS

1st World NET Forum – A Forum on Basic and Translational Science in Neuroendocrine Neoplasms

Programme

8 - 9 March 2022 - Hybrid Event

Tuesday, 08 March 2022

Welcome

Time: Tuesday 11:00 - 11:10
Marianne Pavel, GER

Session 1: Models in NET research

Time: Tuesday 11:10 - 12:20
Chairs: Jie Chen, CHN / Anne Couvelard, FRA / Simron Singh, CAN

- 11:10 - 11:40 **Keynote address: An organoid biobank of neuroendocrine neoplasms enables genotype-phenotype mapping**
Kenta Kawasaki, JPN
- 11:40 - 12:00 **Talk 1: State-of-the-art NET tumor models: Present & future**
Dawn Quelle, USA
- 12:00 - 12:20 **Discussion**

Coffee break

Time: Tuesday 12:20 - 12:50

Session 2: NET tumor biology advances

Time: Tuesday 12:50 - 14:45
Chairs: Emily Bergsland, USA / Aurel Perren, SUI

- 12:50 - 13:20 **Keynote address: Understanding tumor biology of NEN by integrated genomic analysis**
Aldo Scarpa, ITA
- 13:20 - 13:30 **Discussion**
- 13:30 - 13:45 **Talk 1: Epigenetic control of human intestinal neuroendocrine cell differentiation**
Ramesh Shivdasani, USA
- 13:45 - 13:55 **Discussion**
- 13:55 - 14:10 **Talk 2: Immune and stromal heterogeneity associated with cellular origin and cancer evolution in GEP-NET**
Anguraj Sadanandam, GBR
- 14:10 - 14:20 **Discussion**
- 14:20 - 14:35 **Talk 3: Mechanisms of RB loss in neuroendocrine carcinoma**
Nancy Joseph, USA
- 14:35 - 14:45 **Discussion**

Summary of sessions 1 & 2

Time: Tuesday 14:45 - 15:00
Justo P. Castaño, ESP

Coffee break

Time: Tuesday 15:00 - 15:30

Oral abstract presentations - Part I

Time: Tuesday 15:30 - 16:55

Chairs: Hironobu Sasano, JPN / Ramesh Shivdasani, USA

- 15:30 - 15:40 **Characterising aggressive pulmonary carcinoids through integrative omics analysis**
Alexandra Sexton-Oates, FRA
- 15:40 - 15:50 **Discussion**
- 15:50 - 16:00 **Broncho-pulmonary combined large-cell neuroendocrine carcinomas (Co-LCNEC): More than a hybrid neoplasm**
Michele Simbolo, ITA
- 16:00 - 16:10 **Discussion**
- 16:10 - 16:20 **Molecular, histopathological, and functional characterization of the dysregulation of the splicing machinery in lung carcinoids**
V́ctor Garća Vioque, ESP
- 16:20 - 16:30 **Discussion**
- 16:30 - 16:40 **Comprehensive transcriptomic and methylomic analysis of NENs from multiple origins show subgroups of patients with clinical relevance**
Carlos Carretero, ESP
- 16:40 - 16:50 **Discussion**
- 16:50 - 16:55 **Summary - Part I**

Coffee break

Time: Tuesday 16:55 - 17:15

Oral abstract presentations - Part II

Time: Tuesday 17:15 - 19:00

Chairs: Douglas Hanahan, SUI / Eva Tiensuu Janson, SWE

- 17:15 - 17:25 **Molecular deciphering of primary liver neuroendocrine neoplasms confirms its distinct existence with foregut-like profile**
Louis de Mestier, FRA
- 17:25 - 17:35 **Discussion**
- 17:35 - 17:45 **Epigenetic ageing and metabolic traits of multi-focal ileal neuroendocrine tumors**
Amy Webster, GBR
- 17:45 - 17:55 **Discussion**
- 17:55 - 18:05 **Tumor neoantigens shape the immune microenvironment of panNETs: An in silico analysis**
Mauro Cives, ITA
- 18:05 - 18:15 **Discussion**
- 18:15 - 18:25 **Epigenetic progression steps in alpha-lineage MEN1-DAXX/ATRX mutated Pancreatic Neuroendocrine Tumors (PanNET)**
Ilaria Marinoni, SUI
- 18:25 - 18:35 **Discussion**
- 18:35 - 18:45 **Novel patient-derived tumor organoid models reveal growth-factor dependencies in neuroendocrine tumors and serve as a platform for neuroendocrine cancer research**
Talya Dayton, NED
- 18:45 - 18:55 **Discussion**
- 18:55 - 19:00 **Summary - Part II**

Wednesday, 09 March 2022

Welcome

Time: Wednesday 11:00 - 11:10

Session 3: Therapeutic advances in NET

Time: Wednesday 11:10 - 12:40

Chairs: Bertram Wiedenmann, GER / Hong Zhao, CHN

- 11:10 - 11:40 **Keynote address: Deciphering NET tumor invasiveness to potentiate real therapy candidates**
Douglas Hanahan, SU1
- 11:40 - 11:50 **Discussion**
- 11:50 - 12:05 **Talk 1: From genomics to functional genomics: The discovery and targeting of ATRX and MEN1 mutations in PanNETs**
Yuchen Jiao, CHN
- 12:05 - 12:15 **Discussion**
- 12:15 - 12:30 **Talk 2: Mechanisms of resistance to PRRT and overcoming these**
Rod Hicks, AUS
- 12:30 - 12:40 **Discussion**

Coffee break

Time: Wednesday 12:40 - 13:10

Session 4: Novel areas in NET diagnostic and therapy

Time: Wednesday 13:10 - 14:40

Chairs: B.A. Krishna, IND / Kjell Öberg, SWE / Hironobu Sasano, JPN

- 13:10 - 13:40 **Keynote address: Precision oncological approach in neuroendocrine tumors (lessons from NET and other cancers)**
Andrea Califano, USA
- 13:40 - 13:50 **Discussion**
- 13:50 - 14:05 **Talk 1: New radionuclides for improved diagnosis and therapy in NET**
Cristina Müller, SU1
- 14:05 - 14:15 **Discussion**
- 14:15 - 14:30 **Talk 2: CAR-T cell technology**
Xianxin Hua, USA
- 14:30 - 14:40 **Discussion**

Summary of the day

Time: Wednesday 14:40 - 14:55

Marianne Pavel, GER

Closing comments

Time: Wednesday 14:55 - 15:05

Marianne Pavel, GER