



17th Annual ENETS Conference
for the Diagnosis and Treatment of
Neuroendocrine Tumor Disease

11 - 13 March 2020 | Barcelona | Spain

PRELIMINARY SCIENTIFIC PROGRAMME

Wednesday, 11.03.2020

10th Annual ENETS Postgraduate Course

Time: Wednesday 09:00 - 17:30

Room: Meeting room 113-116 (Plenary)

Chairs: Rocio Garcia-Carbonero, ESP | Christos Toumpanakis, GBR

(Additional fee, pre-registration required)

09:00 - 09:30 **Registration & Coffee**

09:30 - 09:40 **Opening and Overview**
Rocio Garcia-Carbonero, ESP

Tips and Tricks in NET Diagnosis (09:40 - 10:45)

Chair: Anja Rinke, GER

09:40 - 09:50 **Medical History and Clinical Presentation**
Monica Marazuela, ESP

09:50 - 10:00 **Biochemical Diagnosis**
Hans Hofland, NED

10:00 - 10:10 **Radiology**
Marie-Pierre Vullierme, FRA

10:10 - 10:20 **Nuclear Medicine**
Ulrike Garske-Román, SWE

10:20 - 10:30 **Pathology**
Massimo Milione, ITA

10:30 - 10:45 **Discussion**

10:45 - 11:15 **Coffee Break**

Management of Common Clinical Scenarios (11:15 - 12:30)

Chair: Staffan Welin, SWE

11:15 - 11:30 **Toxicity of Systemic Therapies (Chemotherapy and Targeted Agents):
Prevention, Monitoring and Treatment**
Halfdan Sorbye, NOR

11:30 - 11:45 **Optimal Syndrome Control in Functioning PNETs**
Gregory Kaltsas, GRE

11:45 - 12:00 **Rectal NEN: Optimal Staging / Endoscopic versus Surgical Management**
Dermot O'Toole, IRL

12:00 - 12:15 **Carcinoid Heart Disease: When Is the Optimal Time to Intervene?**
Heidi Connolly, USA

12:15 - 12:30 **Discussion**

12:30 - 14:00 **Lunch Break (Lunch and Satellite Symposium I are parallel sessions)**

12:30 - 14:00 **Satellite Symposium I, Industry-sponsored**

Controversial Therapeutic Approaches in NEN (14:00 - 15:30)

Chair: Rocio Garcia-Carbonero, ESP

- 14:00 - 14:15 **Active Surveillance: Is It Still an Option?**
Philippe Ruszniewski, FRA
- 14:15 - 14:30 **PRRT Role in Non-GEP NETs**
Lisa Bodei, USA
- 14:30 - 14:45 **Liver Transplantation: When Is It Really the Best Option?**
Vincenzo Mazzaferro, ITA
- 14:45 - 15:00 **Immunotherapy: Will It Have a Role in NENs?**
Jennifer Ang Chan, USA
- 15:00 - 15:15 **Pheochromocytoma and Paragangliomas: From Genetic Diversity to Targeted Therapies**
Karel Pacak, USA
- 15:15 - 15:30 **Discussion**

15:30 - 16:00 **Coffee Break**

Learn from the Experts: Live Multidisciplinary Team (MDT) (16:00 - 17:20)

Chair: Christos Toumpanakis, GBR

16:00 - 17:20 **Multidisciplinary Panel**
Challenging Patients' Scenarios Discussed by Experts and Delegates.

Clinical scenarios to be discussed:

Unusual Behaviour of G3 NET:

Timon Vandamme, BEL

Choosing the Appropriate Treatment Sequence?

Anna La Salvia, ESP

NEN Heterogeneity and Implications to Patient Management:

Kira Oleinikov, ISR

Multidisciplinary Panel:

Endocrinology: *Marianne Pavel, GER*

Gastroenterology: *Martyn Caplin, GBR*

Medical Oncology: *Anna Koumarinou, GRE*

Nuclear Medicine: *Damien Wild, SUI*

Pathology: *Jean-Yves Scoazec, FRA*

Surgery: *Ulrich Knigge, DEN*

17:20 - 17:30 **Closing Comment**
Rocio Garcia-Carbonero, ESP

Annual ENETS Conference Welcome Reception

Time: Wednesday 17:30 - 18:30

Room: Foyer in front of room 112

Thursday, 12.03.2020**Interactive Workshops****Time:** Thursday 07:30 - 08:30**Room TBA** **Workshop 1: What Do You Need to Know from the Endocrinologist in Order to Manage Sporadic and Hereditary Endocrine Neoplasms?***Antongiulio Faggiano, ITA / Simona Glasberg, ISR***Room TBA** **Workshop 2: Surgical Perspective in NENs***James Howe, USA / Sebastien Gaujoux, FRA***Room TBA** **Workshop 3: How to Successfully Apply for an ENETS Grant***Aurel Perren, SUI / Wouter W. de Herder, NED***Welcome****Time:** Thursday 08:30 - 08:40**Room:** Meeting room 113-116 (Plenary)**Chair:** *Dermot O'Toole, IRL***Session 1: Cutting-edge Research****Time:** Thursday 08:40 - 10:10**Room:** Meeting room 113-116 (Plenary)**Chairs:** *Guido Rindi, ITA / Bertram Wiedenmann, GER*08:40 - 09:10 **Keynote Lecture: Whole Genome Sequencing in Cancer Care, Lessons from the 100,000 Genomes Project and Opportunities for NEN***Christina Thirlwell, GBR*09:10 - 09:30 **Precision Medicine in NEN - Where Are We Exactly Now?***Emily Bergsland, USA*09:30 - 09:50 **Artificial Intelligence in Future Direction of NET / Artificial Intelligence for Precision Oncology: Beyond Patient Stratification***Rüdiger Lohmann, GER*09:50 - 10:10 **Discussion****Coffee Break****Time:** Thursday 10:10 - 10:40**Room:** Exhibition area**Life Achievement Award 2020****Time:** Thursday 10:40 - 10:55**Room:** Meeting room 113-116 (Plenary)**Chair:** *Dermot O'Toole, IRL*10:40 - 10:45 **Dedication**10:45 - 10:55 **Recipient and Keynote Address***Günter Klöppel, GER*

Session 2: EANM (European Association of Nuclear Medicine) / ENETS Joint Session

Time: Thursday 10:55 - 12:05

Room: Meeting room 113-116 (Plenary)

Chairs: *Valentina Ambrosini, ITA / Rodney Hicks, AUS*

- 10:55 - 11:10 **Dosing and Treatment Schedules**
Lisa Bodei, USA
- 11:10 - 11:25 **Assessing Response to PRRT**
Vikas Prasad, GER
- 11:25 - 11:40 **Re-challenging with PRRT**
Wouter W. de Herder, NED
- 11:40 - 12:05 **EANM Guidelines - Outcome FOCUS 3**
Ken Herrmann, GER / Jolanta Kunikowska, POL

Parallel Sessions

Session 3A: Epidemiology of NET - Trends and Differences: Are They Real?

Time: Thursday 12:05 - 13:00

Room: Meeting room 113-116 (Plenary)

Chairs: *Susana Haydee Belli, ARG / Kjell Öberg, SWE*

- 12:05 - 12:17
USA
James Yao, USA
- 12:18 - 12:30
Asia-Pacific
Hong Zhao, CHN
- 12:31 - 12:43
Europe
Ulrich-Frank Pape, GER
- 12:43 - 13:00
Discussion

Session 3B: Nurse and Dietician Symposium - Part 1

Time: Thursday 12:05 - 13:00

Room: Meeting room 111

- 12:05 - 12:10
Welcome and Introduction
Wanda Geilvoet, NED
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- What You Need to Know (12:10 - 12:40)**
Chairs: Jenny Falkerby, SWE / Ronald Dick, GBR
- 12:10 - 12:30
A Crash Course in Neuroendocrine Tumor Imaging
Anders Sundin, SWE
- 12:30 - 12:40
Niacin in NENs
Tara Whyand, GBR
- 12:40 - 12:50
Research: Complementary and Alternative Medicine in NETs
Mette Borre, DEN
- 12:50 - 13:00
How to Reach the Rare NET Nurses?
Sophie Noble, GBR

Parallel Sessions

Lunch Break

Time: Thursday 13:00 - 14:30

Room: Exhibition area

Satellite Symposium II, Industry-sponsored

Time: Thursday 13:00 - 14:30

Room: Meeting room 112

Parallel Sessions

Session 4: Multidisciplinary Management

Time: Thursday 14:30 - 15:45
Room: Meeting room 113-116 (Plenary)
Chairs: *Massimo Falconi, ITA / Marc Peeters, BEL*

14:30 - 14:40

Clinical Scenario 1 - Intestinal NET
Angela Lamarca, GBR

14:40 - 15:05

Discussion with Multidisciplinary Panel

15:05 - 15:15

Clinical Scenario 2 - Pancreas
Joakim Crona, SWE

15:15 - 15:45

Discussion with Multidisciplinary Panel

Panel:

- Endocrinology: *Beata Kos-Kudla, POL*
- Gastroenterology: *Chris Verslype, BEL*
- Nuc Med/Radiology: *Anders Sundin, SWE*
- Oncology: *Rachel Riechelmann, ARG*
- Pathology: *Anne Couvelard, FRA*
- Patient Advocacy: *Simone Leyden, AUS*
- Surgery: *Els Nieveen van Dijkum, NED*

Session 3B: Nurse and Dietician Symposium - Part 2

Time: Thursday 14:30 - 15:45
Room: Meeting room 111

14:30 - 14:35

Welcome Back
Wanda Geilvoet, NED

Case Studies (14:35 - 15:15)

Chairs: *Lise Munk Plum, DEN / Delmy Oliva, SWE*

14:35 - 14:45

Insulinoma - A Complex Dilemma
Deborah Pitfield, GBR

14:45 - 14:55

Midgut NET - Dietetic Management of Bowel Obstruction in Small Intestinal NENS
Adele Hug, GBR

14:55 - 15:05

Long Term NET Patient - Thinking Outside the Box
Wendy Martin, GBR

15:05 - 15:15

Discussion

"Going for Gold" - Essential NET Management
 (15:15 - 15:40)

Chair: *Sophie Noble, GBR*

15:15 - 15:40

NET Patient Management - Pathology Is the Key
Catherine Richards, GBR

15:40 - 15:45

Closing Comment
Wanda Geilvoet, NED

Parallel Sessions

Coffee Break

Time: Thursday 15:45 - 16:15
Room: Exhibition area

Poster Walk

Time: Thursday 15:45 - 16:15
Room: Poster area, Exhibition hall

Session 5: Update on Clinical Trials across the Globe and Presidential Abstracts 2020 (Basic Science and Clinical Science)

Time: Thursday 16:15 - 17:30
Room: Meeting room 113-116 (Plenary)
Chairs: *James Howe, USA / Marianne Ellen Pavel, GER*

- 16:15 - 16:30 **Presidential Abstract (Basic Science): Somatostatin Analogs (SSA) in Patients with Symptomatic Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia (DIPNECH)**
Jonathan Strosberg, USA
- 16:30 - 16:45 **Presidential Abstract (Clinical Science): Organoid Models of Neuroendocrine Cell Growth and Tumorigenesis**
Talya Dayton, NED
- 16:45 - 17:00 **Asia-Pacific**
Jie Chen, CHN
- 17:00 - 17:15 **USA & Canada**
Simron Singh, CAN
- 17:15 - 17:30 **Europe**
Jaume Capdevila, ESP

ENETS General Assembly (Members Only)

Time: Thursday 17:45 - 18:45

Room: Meeting room 111

Satellite Symposium III, Industry-sponsored

Time: Thursday 18:50 - 20:20

Room: Meeting room 112

Friday, 13.03.2020

Parallel Sessions

Session 6A: Pitfalls or “How Not to Do It”

Time: Friday 08:30 - 10:00

Room: Meeting room 113-116 (Plenary)

Chairs: *John Ramage, GBR / Eva Tiensuu Janson, SWE*

08:30 - 08:45

Surgery

Stefano Partelli, ITA

08:45 - 09:00

Radiology

David Murphy, IRL

09:00 - 09:15

Pathology

Marco Volante, ITA

09:15 - 09:30

Nuclear Medicine

Guillaume Nicolas, SUI

09:30 - 09:45

Oncology

Juan Valle, GBR

09:45 - 10:00

Endocrinology

Emanuel Christ, SUI

Session 6B: INCA / ENETS Symposium - Patients in Research Update

Time: Friday 08:30 - 10:00

Room: Meeting room 111

Chairs: *Simone Leyden, AUS / Dermot O'Toole, IRL*

08:30 - 08:35

Welcome and Introductions from INCA/ENETS

Simone Leyden, AUS / Dermot O'Toole, IRL

08:35 - 08:40

Setting the Scene: Why Is Patient-led/driven Research Instrumental?

Teodora Kolarova, BUL

The Definition of Access: Global Assessment (08:40 - 09:20)

08:40 - 08:55

Report on SCAN Results

Mark McDonnell, IRL / Dirk van Genechten, BEL

08:55 - 09:05

Financial Toxicity

Simone Leyden, AUS

09:05 - 09:20

Moderated Panel Discussion on Access and Affordability

Panel: *Emily Bergsland, USA / Jaume Capdevila, ESP / Teodora Kolarova, BUL / Simone Leyden, AUS / Mark McDonnell, IRL / Dermot O'Toole, IRL / Simron Singh, CAN / Dirk van Genechten, BEL*

Best Practice Examples of Patient-led Research (09:20 - 10:00)

09:20 - 09:25

Mind the Gap - Psychological Unmet Needs

Catherine Bouvier, GBR

09:25 - 09:30

Cell Line Project - Tumor Tissue Donation to Facilitate Research

Elyse Gellerman, USA

09:30 - 09:35

PISAR0 - Improving Cancer Research with the Help of Patients

Eddy Deneckere, BEL

09:35 - 09:55

Moderated Discussion: The Value of Patient-focused Research and the Priority of Earlier Diagnosis

Panel: *Emily Bergsland, USA / Catherine Bouvier, GBR / Jaume Capdevila, ESP / Eddy Deneckere, BEL / Elyse Gellerman, USA / Dermot O'Toole, IRL / Simron Singh, CAN*

09:55 - 10:00

Recap

Parallel Sessions

Coffee Break

Time: Friday 10:00 - 10:30

Room: Exhibition area

Poster Walk

Time: Friday 10:00 - 10:30

Room: Poster area, Exhibition hall

Parallel Sessions

Session 7A: Rare Case Scenarios: DIPNECH and MiNEN

Time: Friday 10:30 - 11:35

Room: Meeting room 113-116 (Plenary)

Chairs: *Enrique Grande, ESP / Aurel Perren, SUI*

10:30 - 10:40

MiNEN - Pathology

Björn Konukiewitz, GER

10:40 - 10:50

MiNEN - Clinical Aspects

Nicola Fazio, ITA

10:50 - 11:00

Discussion

11:00 - 11:10

DIPNECH - Pathology

Aurélie Cazes, FRA

11:10 - 11:20

DIPNECH - Clinical Aspects

Eric Baudin, FRA

11:20 - 11:35

Discussion

Session 7B: Basic Science Abstract Session

Time: Friday 10:30 - 11:35

Room: Meeting room 111

Chairs: *Justo P. Castaño, ESP / Jerome Cros, FRA*

10:30 - 10:43

Intrinsic Gene Programs in Metastasis-like Primary Subtype is Associated with Early Metastatic Evolution in Pancreatic Neuroendocrine Tumours

Anguraj Sadanandam, GBR

10:43 - 10:56

Aberrant Tryptophan Metabolism in Stromal Cells is Associated with Mesenteric Fibrosis in Small Intestinal Neuroendocrine Tumours

10:56 - 11:09

Mutational Landscape of 109 High-grade Gastroenteropancreatic Neuroendocrine Neoplasms G3

Hege Elvebakken, NOR

11:09 - 11:22

Epigenetic Landscape of Pancreatic Neuroendocrine Tumors Reveals Distinct Cells of Origin and Means of Tumor Progression

Annunziata Di Domenico, SUI

11:22 - 11:35

Anti-tumor Effects of Semaphorin 4D Blockade Unravel a Novel Pro-invasive Mechanism of Vascular Targeting Agents

Oriol Casanovas, ESP

Parallel Sessions

Session 8A: Clinical Science Abstract

Session 8B: CoE Exchange

Session**Time:** Friday 11:35 - 12:40**Room:** Meeting room 113-116 (Plenary)**Chairs:** *Ivan Borbath, BEL / Andrea Frilling, GBR*

11:35 - 11:47

Upfront Surgery in Patients with High-grade GEP NEN and MINEN: A Nordic Multicenter Study of 201 Patients*Hans-Christian Pommergaard, DEN*

11:47 - 11:59

Interim Analysis of Prospective Evaluation of the Management of Sporadic Nonfunctioning Asymptomatic Pancreatic Neuroendocrine Neoplasms \leq 2 cm (ASPEN Study)*Stefano Partelli, ITA*

11:59 - 12:13

Use of Plasma Proteins to Predict Progressive Disease in Patients with Small Intestinal Neuroendocrine Tumours*Ulrich Peter Knigge, DEN*

12:13 - 12:25

Mimics of Neuroendocrine Neoplasms Identified in a Single Consultation Center between 2009 and 2019*Atsuko Kasajima, GER*

12:25 - 12:30

 ^{177}Lu -DOTATATE Plus ^{166}Ho -radioembolization in Patients with Neuroendocrine Tumours - A Single Center, Prospective, Interventional, Non-comparative, Open Label, Phase II Study (HEPAR PLS Study)*Arthur Braat, NED*

12:30 - 12:35

Theranostic Implication of Molecular Imaging Phenotype of Well-Differentiated Lung Carcinoid by ^{68}Ga -DOTATATE PET/CT and ^{18}F -FDG PET/CT*Lamiaa Zidan, AUS*

12:35 - 12:40

Structurally-optimized Peptide VMT-alpha-NET Enhances the Efficacy of SSTR2-targeted Alpha-particle Therapy for Neuroendocrine Tumors*Dongyool Lee, USA***Time:** Friday 11:35 - 12:40**Room:** Meeting room 111**Chairs:** *Günter Klöppel, GER / Eva Tiensuu Janson, SWE***Parallel Sessions****Lunch Break****Time:** Friday 12:40 - 14:10**Room:** Exhibition area**NextGEN ENETS Workshop****Time:** Friday 12:40 - 14:10**Room:** Meeting room 112**Awards Ceremony**

Time: Friday 14:10 - 14:25

Room: Meeting room 113-116 (Plenary)

Chairs: *Dermot O'Toole, IRL / Nicholas Simon Reed, GBR*

Session 9: What's New in 2019/2020 and Abstract Highlights

Time: Friday 14:25 - 15:25

Room: Meeting room 113-116 (Plenary)

Chairs: *Nicola Fazio, ITA / Eric Raymond, FRA*

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|---------------|---|
| 14:25 - 14:40 | Translational NET Research Update
<i>Ilaria Marinoni, SUI</i> |
| 14:40 - 15:10 | Best Abstract Resumé / Top 10 ENETS Abstracts
<i>Robert Jensen, USA</i> |
| 15:10 - 15:25 | Discussion |

Closing Comment

Time: Friday 15:25 - 15:35

Room: Meeting room 113-116 (Plenary)

Chairs: *Dermot O'Toole, IRL / Marianne Ellen Pavel, GER*

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