15th Annual ENETS Conference
for the Diagnosis and Treatment of
Neuroendocrine Tumor Disease

7 - 9 March 2018 | Barcelona | Spain

PRELIMINARY SCIENTIFIC PROGRAM
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>07.03.2018</td>
<td>8th ENETS Postgraduate Course</td>
</tr>
<tr>
<td></td>
<td>ENETS Annual Conference Welcome Reception</td>
</tr>
<tr>
<td></td>
<td>Young ENETS: Welcome Reception for Young Investigators</td>
</tr>
<tr>
<td>08.03.2018</td>
<td>Nurse Workshop: Carcinoid Crisis and Carcinoid Heart Disease</td>
</tr>
<tr>
<td></td>
<td>Interactive Workshops</td>
</tr>
<tr>
<td></td>
<td>Welcome</td>
</tr>
<tr>
<td></td>
<td>Session 1: Towards Understanding NET</td>
</tr>
<tr>
<td></td>
<td>Coffee break</td>
</tr>
<tr>
<td></td>
<td>Session 2: Epidemiology - ENETS Meets East and West</td>
</tr>
<tr>
<td></td>
<td>Session 3: Clinical Trials in Progress</td>
</tr>
<tr>
<td></td>
<td>Life Achievement Award 2018</td>
</tr>
<tr>
<td></td>
<td>Satellite Symposium I, Industry-Sponsored</td>
</tr>
<tr>
<td></td>
<td>Lunch break</td>
</tr>
<tr>
<td></td>
<td>Session 4A: Between Bench and Bedside</td>
</tr>
<tr>
<td></td>
<td>Session 4B: Basic Science Abstract Session</td>
</tr>
<tr>
<td></td>
<td>Poster Session and Poster Walks A</td>
</tr>
<tr>
<td></td>
<td>Session 5A: Clinical Abstract Session</td>
</tr>
<tr>
<td></td>
<td>Session 5B: Surgery Techniques</td>
</tr>
<tr>
<td></td>
<td>Grant Winner Presentations and Awards Ceremony</td>
</tr>
<tr>
<td></td>
<td>ENETS General Assembly (Members only)</td>
</tr>
<tr>
<td></td>
<td>Satellite Symposium II, Industry-Sponsored</td>
</tr>
<tr>
<td>09.03.2018</td>
<td>Session 6: What’s New in the Field?</td>
</tr>
<tr>
<td></td>
<td>Session 7: Cancer and Translational Biology</td>
</tr>
<tr>
<td></td>
<td>ENETS/INCA Symposium: Unmet Needs of NET Patients - From Identification to Action</td>
</tr>
<tr>
<td></td>
<td>Poster Session and Poster Walks B</td>
</tr>
<tr>
<td></td>
<td>Session 8A: Heterogeneity of NET</td>
</tr>
<tr>
<td></td>
<td>Session 8B: Nurse Session</td>
</tr>
<tr>
<td></td>
<td>Lunch break</td>
</tr>
<tr>
<td></td>
<td>Session 9: Standards of Care for Merkel Cell Carcinoma</td>
</tr>
<tr>
<td>Section</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------</td>
<td>------</td>
</tr>
<tr>
<td>Session 10: Where Are We Going?</td>
<td>13</td>
</tr>
<tr>
<td>Closing Comment</td>
<td>13</td>
</tr>
<tr>
<td>Contact info</td>
<td>14</td>
</tr>
</tbody>
</table>
Scientific Organizing Committee

Martyn Caplin
United Kingdom

Wouter W. de Herder
Netherlands

Massimo Falconi
Italy

Rocio Garcia-Carbonero
Spain

Eva Tiensuu Janson
Sweden

Reza Kianmanesh
France

Dermot O'Toole
Ireland

Marianne Ellen Pavel
Germany

Aurel Perren
Switzerland

Bertram Wiedenmann
Germany
**Wednesday, 07.03.2018**

### 8th ENETS Postgraduate Course

**Time:** Wednesday 08:30 - 17:10  
**Room:** Meeting room 112  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 09:15</td>
<td>Registration and Coffee</td>
</tr>
</tbody>
</table>
| 09:15 - 09:30 | Opening and Overview  
Martyn Caplin, GBR |
| 09:30 - 11:15 | Postgraduate Course Part 1 - Chairs: Martyn Caplin, GBR / Kjell Öberg, SWE                  |
| 09:30 - 09:50 | GEP NET Classification: G1 and G2 - How Significant is Tumor Heterogeneity?  
Jean-Yves Scoazec, FRA |
| 09:50 - 10:10 | Endoscopy and EUS: The Role in Gastric, Duodenal, Pancreatic and Rectal NETs                |
| 10:10 - 10:30 | Indications and Type of Surgery for Gastric & Duodenal NENs  
Ulrich Peter Knigge, DEN |
| 10:30 - 10:50 | Key Points of Interventional Procedures in Radiology                                         |
| 10:50 - 11:15 | Panel Discussion                                                                            |
| 11:15 - 11:40 | Coffee break                                                                                |
| 11:40 - 13:00 | Postgraduate Course Part 2 - Chairs: Massimo Falconi, ITA / Marianne Pavel, GER             |
| 11:40 - 12:00 | Familial GEP NET Syndromes – Who Should We Screen and How?  
Ashley Grossman, GBR |
| 12:00 - 12:20 | Familial Case Presentation  
Gregory Kaltsas, GRE |
| 12:20 - 12:30 | Panel Discussion                                                                            |
| 12:30 - 13:00 | New Directions for Bronchial NET  
Martyn Caplin, GBR |
| 13:00 - 14:00 | Lunch break                                                                                 |
| 14:00 - 15:20 | Postgraduate Course Part 3 - Chairs: Eva Tiensuu Janson, SWE / Bertram Wiedenmann, GER      |
| 14:00 - 14:20 | Refractory Carcinoid Syndrome and Other Hormonal Syndromes – How to Manage?  
Wouter W. de Herder, NED |
| 14:20 - 14:40 | Preparation for Theatre: Midgut NET, Insulinoma, Phaeochromocytoma  
David Gross, ISR |
| 14:40 - 14:50 | Panel Discussion                                                                            |
| 14:50 - 15:20 | Theranostics for GEP and Bronchial NETs                                                     |
| 15:20 - 15:40 | Coffee break                                                                                |
| 15:40 - 17:00 | Postgraduate Course Part 4 - Chairs: Rocio Garcia-Carbonero, ESP / Philippe Ruszniewski, FRA |
| 15:40 - 16:00 | When Do I Choose Chemotherapy Versus Molecular Targeted Agent in G1 and G2 NETs?  
Rocio Garcia-Carbonero, ESP |
| 16:00 - 16:20 | Should All G3 NENs Be Treated the Same?  
Halfdan Sorbye, NOR |
| 16:20 - 16:50 | Case Series Presentations: Unusual Sites of Metastasis: Cardiac, Brain and Orbital  
Christos Toumpanakis, GBR |
16:50 - 17:00  Panel Discussion
17:00 - 17:10  Closing Remarks
Martyn Caplin, GBR

**ENETS Annual Conference Welcome Reception**

**Time:** Wednesday 17:15 - 18:15
**Room:** Foyer in front of room 112

17:15 - 18:15  Introduction
Massimo Falconi, ITA (TBC)

**Young ENETS: Welcome Reception for Young Investigators**

**Time:** Wednesday 18:15 - 18:45
**Room:** Meeting room 127 & 128

18:15 - 18:45  Introduction
Massimo Falconi (TBC)
Thursday, 08.03.2018

Nurse Workshop: Carcinoid Crisis and Carcinoid Heart Disease

**Time:** Thursday 07:30 - 08:30  
**Room:** Meeting room 128

07:30 - 07:35  **Introduction**
07:35 - 07:45  **Carcinoid Heart Disease**
07:45 - 07:55  **Carcinoid Crisis**
07:55 - 08:30  **Group Work and Discussion**

Interactive Workshops

**Time:** Thursday 07:30 - 08:30

**Meeting room 124**  **Workshop 1:** Gastroenterologist and Nuclear Medicine View  
*Functional Imaging and PRRT Treatment - When and How Often Is It Really Needed?*  
Elettra Merola, GER / Vikas Prasad, GER

**Meeting room 125**  **Workshop 2:** Gastroenterologist and Surgeons View  
*Management of Gastric Neuroendocrine Neoplasms*  
Ulrich Knigge, DEN / Philippe Ruszniewski, FRA

**Meeting room 127**  **Workshop 3:** Endocrinologist and Cardiologists View  
*Management of Carcinoid Syndrome and Carcinoid Heart Disease*  
Joseph Davar, GBR / Simona Glasberg, ISR

Welcome

**Time:** Thursday 08:30 - 08:40  
**Room:** Meeting room 113-116 (Plenary)

Session 1: Towards Understanding NET

**Time:** Thursday 08:40 - 09:55  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Jaume Capdevila, ESP / Guido Rindi, ITA

08:40 - 09:05  **The Genetic Landscape of PanNENs**  
Aldo Scarpa, ITA

09:05 - 09:30  **Angiogenesis in NET - Where Are We Now?**  
James Yao, USA

09:30 - 09:55  **Neuroendocrine Transformation of Adenocarcinoma as Exemplified by Prostate Cancer?**  
Mark A. Rubin, SUI

Coffee break

**Time:** Thursday 09:55 - 10:25  
**Room:** Exhibition area

Session 2: Epidemiology - ENETS Meets East and West

**Time:** Thursday 10:25 - 11:25
Session 3: Clinical Trials in Progress

**Time:** Thursday 11:25 - 12:15
**Room:** Meeting room 113-116 (Plenary)
**Chairs:** Diego Ferone, ITA / Gregory Kaltsas, GRE

11:25 - 11:40  Somatostatin Receptor Targeting and Combinations
Guillaume Nicolas, SUI

11:40 - 11:55  Targeted Therapy and Chemotherapy/Immunotherapy
Enrique Grande, ESP

11:55 - 12:05  Discussion

12:05 - 12:15  Presidential Abstract: PFS and OS after Salvage Peptide Receptor Radionuclide Therapy (PRRT) with 177Lu-DOTATATE in Patients with Gastro-Entero-Pancreatic or Bronchial Neuroendocrine Tumors (GEP-NETs) - The Rotterdam Cohort

Life Achievement Award 2018

**Time:** Thursday 12:15 - 12:35
**Room:** Meeting room 113-116 (Plenary)
**Chair:** Massimo Falconi, ITA

12:15 - 12:20  Dedication
Bertram Wiedenmann, GER

12:20 - 12:35  Recipient and Keynote Presentation: From Gut Hormones to Intestinal Neuroendocrine Tumors
Gianfranco Delle Fave, ITA

Satellite Symposium I, Industry-Sponsored

**Time:** Thursday 12:45 - 14:15
**Room:** Meeting room 112

Lunch break

**Time:** Thursday 12:45 - 14:15
**Room:** Exhibition area

Parallel Sessions

Session 4A: Between Bench and Bedside

**Time:** Thursday 14:15 - 15:15
**Room:** Meeting room 113-116 (Plenary)
**Chairs:** David Gross, ISR / Ashley Grossman, GBR

Session 4B: Basic Science Abstract Session

**Time:** Thursday 14:15 - 15:15
**Room:** Meeting room 111
14:15 - 14:27
Stromal Immune Contexture Predicts Disease-Free Survival in Gastro-Entero-Pancreatic Neuroendocrine Neoplasms (GEP-NENs)

14:27 - 14:39
Systematic Evaluation of the Immune Microenvironment of Neuroendocrine Tumors (NET)

14:39 - 14:51
Using Adult Stem-Cell Derived Organoids to Model Neuroendocrine Tumor Growth

14:51 - 15:03
Ultra-Deep Targeted Resequencing Reveals Recurrent DAXX and CYFIP2 Mutations and Implicates Novel Pathways in Pancreatic Neuroendocrine Tumors

15:03 - 15:15
Genome-Wide DNA Methylation Profiling of Pancreatic Neuroendocrine Tumors

Chairs: Ramon Salazar, ESP / Jean-Yves Scoazec, FRA

14:15 - 14:27
Presidential Abstract: Epigenetic Changes in DAXX and/or ATRX Negative Pancreatic Neuroendocrine Tumors

14:27 - 14:39
Genetic Analysis Identifies Subgroups of Small Well-Differentiated Pancreatic Neuroendocrine Tumors with Different Risk for Liver Metastases

14:39 - 14:51
BRAF-V600E Driven Mutations in Grade 3 Neuroendocrine Carcinomas of Colon Origin: Results from Genomic/Epigenomic Profilings and Patient-Derived Mouse Model
Jaume Capdevila, ESP

14:51 - 15:03
Mitochondrial or Aerobic Glycolysis Oriented Metabolism May Define Pancreatic Neuroendocrine Tumors (PanNET) Resistance to mTOR-Targeting Therapies

15:03 - 15:15
miRNA Expression Defines Novel Subgroups of Small Intestinal Neuroendocrine Tumors

Chairs: Ramon Salazar, ESP / Jean-Yves Scoazec, FRA

Poster Session and Poster Walks A
Time: Thursday 15:20 - 16:05
Room: Poster area, Exhibition hall

Session 5A: Clinical Abstract Session
Time: Thursday 16:10 - 17:10
Room: Meeting room 113-116 (Plenary)
Chairs: Barbro Eriksson, SWE / Anja Rinke, GER

16:10 - 16:20
The ENETS Registry: First Results of a Collaborative Effort Including Over 12.000 Patients with Neuroendocrine Neoplasms (NENs) from 7 European Countries

16:20 - 16:30
Value of Tumor Growth Rate (TGR) as an Early Predictor of Patients’ Outcome in Patients Diagnosed with Well-Differentiated Neuroendocrine Tumors (NETs): The GREPONET Study

16:30 - 16:40
Overall Survival, Progression-Free Survival, and Quality of Life Updates from the NETTER-1 Study: 177Lu-Dotatate vs. High Dose Octreotide in Progressive Midgut Neuroendocrine Tumors

Session 5B: Surgery Techniques
Time: Thursday 16:10 - 17:10
Room: Meeting room 111
Chair: Bruno Niederle, AUT

16:10 - 16:30
The Place for Adjuvant and Neoadjuvant Treatment in NET

16:10 - 16:20
Surgical Perspectives
Andreas Pascher, GER

16:20 - 16:30
Oncological Perspectives
Nicola Fazio, ITA

16:30 - 16:45
What Extent of Lymphadenectomy for P-NETs?
Stefano Partelli, ITA

16:45 - 17:00
What Extent of Lymphadenectomy for SI-NETs?
Reza Kianmanesh, FRA
16:40 - 16:50
Development of Multiplex Biomarker Assay to Subtype Pancreatic Neuroendocrine Tumors (PanNETs) with Distinct Prognosis and Mutations

16:50 - 17:00
Peptide Receptor Radionuclide Therapy (PRRT) in Gastroenteropancreatic Grade 3 Neuroendocrine Neoplasms: A Retrospective International Multicenter Study
Halfdan Sorbye, NOR

17:00 - 17:10
PD-L1 Expression and its Clinical Relevance in Neuroendocrine Tumors of the Lung

Grant WinnerPresentations and Awards Ceremony

**Time:** Thursday 17:10 - 17:50
**Room:** Meeting room 113-116 (Plenary)
**Chair:** Massimo Falconi, ITA

17:10 - 17:31 **Presentation ENETS Grant Winner 2016 - 2018**

17:10 - 17:13 **CoE Excellence Academy Fellowship 2017**
Jorge Barriuso, GBR

17:13 - 17:16 **CoE Excellence Academy Fellowship 2017**
Christodoulos Pipinikas, GBR

17:16 - 17:19 **CoE Excellence Academy Fellowship 2017 - Results and Conclusions**
Elettra Merola, GER

17:19 - 17:22 **CoE Excellence Academy Fellowship 2017 - Results and Conclusions**
Mauro Cives, ITA

17:22 - 17:25 **CoE Young Investigator Grant 2017 - Results and Conclusions**
Alexa Childs, GBR

17:25 - 17:28 **CoE Young Investigator Grant 2016 - Results and Conclusions**
Joakim Crona, SWE

17:28 - 17:31 **ENETS Translational Medicine Fellowship 2017 - Results and Conclusions**
Gianfranca Corna, ITA

17:31 - 17:50 **Awards Ceremony**

ENETS General Assembly (Members only)

**Time:** Thursday 17:55 - 18:50
**Room:** Meeting room 111

Satellite Symposium II, Industry-Sponsored

**Time:** Thursday 18:50 - 20:20
**Room:** Meeting room 112
Friday, 09.03.2018

Session 6: What’s New in the Field?

**Time:** Friday 08:30 - 09:35  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Anne Couvelard, FRA / Marc Peeters, BEL

08:30 - 08:50  **The Pathology Perspective**  
Marco Volante, ITA

08:50 - 09:10  **The Biomarker Perspective**  
Eva Tiensuu Janson, SWE

09:10 - 09:30  **Overview of Best Clinical and Basic Abstracts**  
Robert Jensen, USA

09:30 - 09:35  **Discussion**

---

**Session 7: Cancer and Translational Biology**

**Time:** Friday 09:35 - 10:35  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Eric Raymond, FRA / Bertram Wiedenmann, GER

09:35 - 09:55  **Microbes, Microbiota and Cancer**  
Julia Drewes, USA

09:55 - 10:15  **Epigenetics and Potential Drug Pathways for BP- and GEP-NETs**  
Christina Thirlwell, GBR

10:15 - 10:35  **Genetic Profiling of NET/NEC**  
Stefan Fröhling, GER

---

**ENETS/INCA Symposium: Unmet Needs of NET Patients - From Identification to Action**

**Time:** Friday 09:35 - 11:30  
**Room:** Meeting room 111  
**Chair:** Martyn Caplin, GBR

A Joint Effort by NET Patient and Medical Leaders to Identify and Address Issues That Impede Optimal Care and Research

09:35 - 09:40  **Welcome and Introductions from ENETS/INCA**  
Martyn Caplin, GBR

09:40 - 09:50  **Unmet Needs in NETs, A Global Dialogue: WNCD Brings “Unmet Needs” to Millions Worldwide**

09:50 - 10:50  **The “Patient Pathway”: Providing Patients with Timely and Valid Information and Access to Optimal Treatment**

09:50 - 10:00  **The “Patient Pathway”: Ensuring All Patients Get the Information and Services They Need for Optimal Care**  
Martyn Caplin, GBR

10:00 - 10:08  **Survey Results Identifying Needs: Patient Information and Access to NET Centers and Treatments**

10:08 - 10:33  **Information to Patients: Critical Elements - From the Nurse Specialists’ and Patients’ Perspective**
### Poster Session and Poster Walks B

**Time:** Friday 10:40 - 11:30  
**Room:** Poster area, Exhibition hall

---

### Session 8A: Heterogeneity of NET

**Time:** Friday 11:35 - 12:35  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Marianne Ellen Pavel, GER / Simron Singh, CAN

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 11:35 - 11:45 | **Introduction**  
Marianne Ellen Pavel, GER                                                   |
| 11:45 - 11:55 | **Clinical Case Lung**                                                  |
| 11:55 - 12:10 | **Interdisciplinary Discussion**  
Wouter W. de Herder, NED / Andrea Frilling, GBR / Mauro Giulio Papotti, ITA / Christos Toumpanakis, GBR |
| 12:10 - 12:20 | **Clinical Case PanNET**  
Juan Valle, GBR                                                             |
| 12:20 - 12:35 | **Interdisciplinary Discussion**  
Wouter W. de Herder, NED / Andrea Frilling, GBR / Mauro Giulio Papotti, ITA / Christos Toumpanakis, GBR |

---

### Session 8B: Nurse Session

**Time:** Friday 11:35 - 12:35  
**Room:** Meeting room 111  
**Chair:** Bertram Wiedenmann, GER

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:35 - 12:05</td>
<td><strong>Patient Reported Needs</strong></td>
</tr>
<tr>
<td>11:35 - 11:45</td>
<td><strong>Nutritional Status and Nutritional Risk in Patients with Neuroendocrine Tumors</strong></td>
</tr>
<tr>
<td>11:45 - 11:55</td>
<td><strong>Self-Reported Side Effects in Neuroendocrine Tumour (NET) Patients Prescribed Somatostatin Analogues - The Role for Specialist Dietitians and Nurses</strong></td>
</tr>
<tr>
<td>11:55 - 12:05</td>
<td><strong>Questions &amp; Answers</strong></td>
</tr>
<tr>
<td>12:05 - 12:35</td>
<td><strong>Nurse in Practice</strong></td>
</tr>
<tr>
<td>12:05 - 12:15</td>
<td><strong>Audit of a New Nurse-Led Non-Medical Prescribing (NMP) Clinic for Systemic Anti-Cancer Agents (SACTs)</strong></td>
</tr>
<tr>
<td>12:15 - 12:25</td>
<td><strong>Current Educational Strategies Used by Nurses Caring for NET Patients: An Electronic Survey Across 25 Countries</strong></td>
</tr>
</tbody>
</table>
12:25 - 12:35
Questions & Answers

Lunch break
Time: Friday 12:40 - 14:10
Room: Exhibition area

Session 9: Standards of Care for Merkel Cell Carcinoma
Time: Friday 14:15 - 14:45
Room: Meeting room 113-116 (Plenary)
Chairs: Vera Gorbunova, RUS / Tim Meyer, GBR
14:15 - 14:35  From Biology to Therapy
   Jürgen Becker, GER
14:35 - 14:45  Open Discussion

Session 10: Where Are We Going?
Time: Friday 14:45 - 15:35
Room: Meeting room 113-116 (Plenary)
Chairs: Beata Kos-Kudła, POL / Kjell Öberg, SWE
14:45 - 15:05  NETomic Analysis Based Liquid Biopsy: Beyond the Seven Bridges of Konigsberg
   Irvin Modlin, USA
15:05 - 15:25  Macrod ata Management
   Andrea Califano, USA
15:25 - 15:35  Discussion

Closing Comment
Time: Friday 15:35 - 15:40
Room: Meeting room 113-116 (Plenary)
**ENETS Office**

c/o Charité - Universitätsmedizin Berlin

Campus Virchow-Klinikum

Hepatology and Gastroenterology

Augustenburger Platz 1

D-13353 Berlin, Germany

Tel: +49 (30) 994 045 340 (Program Information)

Fax: +49 (30) 994 045 349

Website: www.enets.org

**General Conference E-Mail:** conference@enets.org

**General Conference Information:** https://enetsconference.org/