16th Annual ENETS Conference

for the Diagnosis and Treatment of

Neuroendocrine Tumor Disease

6 - 8 March 2019 | Barcelona | Spain

PRELIMINARY SCIENTIFIC PROGRAM
Scientific Organizing Committee

Anne Couvelard  
France

Wouter W. de Herder  
Netherlands

Massimo Falconi  
Italy

Rocio Garcia-Carbonero  
Spain

Dermot O'Toole  
Ireland

Marianne Ellen Pavel  
Germany

Aurel Perren  
Switzerland

John Ramage  
United Kingdom

Eva Tiensuu Janson  
Sweden

Bertram Wiedenmann  
Germany
**Scientific Programme**

**Monday, 04.03.2019**

**Tuesday, 05.03.2019**

**Wednesday, 06.03.2019**

### 9th Annual ENETS Postgraduate Course

**Time:** Wednesday 08:30 - 17:30  
**Room:** Meeting room 112  
**Chairs:** Rocio Garcia-Carbonero, ESP / Christos Toumpanakis, GBR

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter, Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Registration and Coffee</td>
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</tbody>
</table>
| 09:00 - 09:15 | Opening and Overview  
Rocio Garcia-Carbonero, ESP |                    |
| 09:15 - 09:35 | Molecular Pathology of Neuroendocrine Neoplasms (NENs): Clinical Implications  
Aldo Scarpa, ITA |                    |
| 09:35 - 09:55 | The Role of Nuclear Medicine in the Diagnosis of NENs: State-of-the-art and Future Perspectives  
Aviral Singh, GER |                    |
| 09:55 - 10:15 | Follow-up of Resected Lung and GEP NENs: How Often, with What and for How Long?  
Angela Lamarca, GBR |                    |
| 10:15 - 10:35 | Panel Discussion                                                     |                    |
| 10:35 - 11:00 | Coffee Break                                                         |                    |
| 11:00 - 11:20 | Surgical Approach in 2018 - Towards Parenchyma-sparing Resections for Bronchial and Thymic NET  
Pier Luigi Filosso, ITA |                    |
| 11:20 - 11:40 | Sequence of Non-surgical Management in Advanced Bronchial and Thymic NET  
Martyn Caplin, GBR |                    |
| 11:40 - 11:55 | Panel Discussion                                                     |                    |
| 11:55 - 12:15 | Management of Advanced Medullary Thyroid Carcinoma  
Gregory Kaltsas, GRE |                    |
| 12:15 - 12:20 | Questions and Answers                                                |                    |
| 12:20 - 12:40 | Mesenteric Fibrosis: An Unresolved Mystery  
Dalvinder Mandair, GBR |                    |
| 12:40 - 12:45 | Questions and Answers                                                |                    |
| 12:45 - 14:15 | Lunch                                                                |                    |
| 12:45 - 14:15 | Satellite Symposium I, Industry-sponsored                           |                    |
| 14:15 - 14:30 | Revisiting Systemic Chemotherapy: Current and Future Perspectives  
Juan Valle, GBR |                    |
| 14:30 - 14:45 | Impact of Established Systemic Treatment Options on Patient’s Symptoms and Quality of Life  
Simona Glasberg, ISR |                    |
| 14:45 - 15:00 | Novel Antiangiogenics in the Field of NETs  
Eric Raymond, FRA |                    |
| 15:00 - 15:15 | Predictive Biomarkers to Guide Therapy  
Jaume Capdevila, ESP |                    |
| 15:15 - 15:35 | Panel Discussion                                                     |                    |
### Scientific Programme

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>15:35 - 15:55</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>15:55 - 17:15</td>
<td><strong>Challenging Patient Scenarios Discussed by Experts and Delegates</strong></td>
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<td><strong>Complicated Midgut NEN</strong></td>
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<td><strong>Refractory Functional Pancreatic NEN</strong></td>
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<td><strong>Challenging Metastatic Bronchial NEN</strong></td>
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<td><strong>MDT Group:</strong></td>
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<tr>
<td></td>
<td>• Endocrinologist: Ashley Grossman, GBR</td>
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<td>• Gastroenterologist: Dermot O'Toole, IRL</td>
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<td>• Medical Oncologist: Isabel Sevilla, ESP</td>
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<td>• Nuclear Medicine: Guillaume Nicolas, SUI</td>
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<td>• Pathologist: Marco Volante, ITA</td>
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<td>• Surgeon: Andrea Frilling, GBR</td>
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<td>17:15 - 17:25</td>
<td><strong>The Importance of (MD) Team Work</strong></td>
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<td>Christos Toumpanakis, GBR</td>
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<td>17:25 - 17:30</td>
<td><strong>Closing Remarks</strong></td>
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<td>Rocio Garcia-Carbonero, ESP</td>
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### ENETS Annual Conference Welcome Reception

**Time:** Wednesday 17:30 - 18:30  
**Room:** Foyer in front of room 112

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### NextGEN ENETS Welcome Reception

**Time:** Wednesday 18:30 - 19:30  
**Room:** Meeting room 127 & 128  
We invite the “next generation” of ENETS to come together for our welcome reception and take part in a new forum!  
Our target audience comprises post-docs, students, intermediates, doctors-in-training, trainees, junior faculty attendees and specialists, who have a high interest in research in the field of NET (and building a collaborative network).

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**Thursday, 07.03.2019**

### NextGEN ENETS Workshop

**Time:** Thursday 07:30 - 08:30  
**Room:** Meeting room 111  
**Chairs:** Massimo Falconi, ITA / Anna Koumarianou, GRE / John Ramage, GBR  
**Become a part of ENETS’ future!**

We especially welcome post-docs, students, intermediates, doctors-in-training, trainees, junior faculty attendees and specialists, who are interested in the field of NET, to build a new network - both during and after the conference.

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### Interactive Workshops

**Time:** Thursday 07:30 - 08:30  
**Meeting room 125**  
**Workshop 1: Pathology - What the Clinician Needs from the Pathologist and Vice Versa**  
Mauro Giulio Papotti, ITA / Ulrich-Frank Pape, GER
Meeting room 127  Workshop 2: Management of Small GI (Gastric, Duodenal, Rectal) NET - Diagnosis / Therapy / Follow-up
Ivan Borbath, BEL / Ulrich Peter Knigge, DEN

Meeting room 128  Workshop 3: Nuclear Medicine - Practical Aspects to PRRT / How We Work and Monitor / Adverse Events
Damian Wild, SUI / Staffan Welin, SWE

Welcome
Time: Thursday 08:30 - 08:40
Room: Meeting room 113-116 (Plenary)
Dermot O'Toole, IRL

Session 1: ENETS Centers of Excellence (CoE) - 10 Years On!
Time: Thursday 08:40 - 09:00
Room: Meeting room 113-116 (Plenary)
Chairs: Dermot O'Toole, IRL / Eva Tiensuu Janson, SWE

08:40 - 08:50  ENETS CoE Achievements at 10 Years
Dermot O'Toole, IRL

08:50 - 09:00  What's in Store for the Future?
Eva Tiensuu Janson, SWE

Session 2: Disease Spread in Neuroendocrine Neoplasms
Time: Thursday 09:00 - 10:15
Room: Meeting room 113-116 (Plenary)
Chairs: Tim Meyer, GBR / Anja Rinke, GER

09:00 - 09:25  Mechanisms of Metastases and Their Heterogeneity
Guido Rindi, ITA

09:25 - 09:50  Bone Metastases in Cancer and NET
Robert Coleman, GBR

09:50 - 10:15  Cancer Immunosurveillance, Immunoediting and Immunosubversion
Luis Alvarez-Vallina, DEN

Parallel Sessions

Nurse Symposium
Time: Thursday 09:00 - 11:45
Room: Meeting room 111

09:00 - 09:05  Welcome
Jenny Falkerby, SWE

09:05 - 09:15  MIND the Gap
Kym Winter, GBR

09:15 - 09:25  Sexual Aspects of Quality of Life
Ronald Dick, GBR

09:25 - 09:35  PhysCan - Physical Training and Cancer
Anna Henriksson, SWE

09:35 - 09:45  Does Radioembolisation with Yttrium90 Microspheres Improve the Quality of Life in Patients with Carcinoid Syndrome Caused by Neuroendocrine Liver Metastases? A Systematic Review
Wendy Martin, GBR

09:45 - 10:00  Questions & Answers
10:00 - 10:10
**Oral Abstract: Social Consequences of Disease-Related Symptoms in Patients with a Metastatic Small Bowel Neuroendocrine Tumor: A Qualitative Study**
Albertien Godthelp, NED

10:10 - 10:20
**Management of Syndromic Features**
Jenny Falkerby, SWE

10:20 - 10:30
**Update on Phaeochromocytoma and Paraganglioma**
Deborah Pitfield, GBR

10:30 - 10:40
**Genetic Counselling for NET Patients**
Mónica Salinas Masdeu, ESP

10:40 - 10:45
**Questions & Answers**

10:45 - 11:00
**Coffee Break**

11:00 - 11:45
**Workshop: How Do We Differentiate Between Side Effects of Treatment and Side Effects of NETs**
Maria Paz Fernandez Ortega, ESP / Lise Munk Plum, DEN

**Coffee Break**

**Time:** Thursday 10:15 - 10:45
**Room:** Exhibition area

**Session 3: ENETS / European Society of Pathology (ESP) Session: New Classification / Making Sense of High-grade Neoplasms**

**Time:** Thursday 10:45 - 11:45
**Room:** Meeting room 113-116 (Plenary)
**Chairs:** Stefano La Rosa, SUI / Bertram Wiedenmann, GER

10:45 - 11:05 **New WHO Classification - Important News!**
Aurel Perren, SUI

11:05 - 11:25 **Pulmonary and Digestive High Grade NENs - Where Are They Similar?**
Jean-Yves Scoazec, FRA

11:25 - 11:45 **Consequences for Treatment**
Halfdan Sorbye, NOR

**Life Achievement Award 2019**

**Time:** Thursday 11:45 - 12:00
**Room:** Meeting room 113-116 (Plenary)
**Chair:** Dermot O’Toole, IRL
### Session 4: Surgical Controversies

**Time:** Thursday 12:00 - 12:45  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Elisabeth Nieveen van Dijkum, NED / Jonathan Strosberg, USA

<table>
<thead>
<tr>
<th>Time</th>
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| 12:00 - 12:15 | Surgery for Progressive Oligo-metastatic Disease  
               | Alain Sauvanet, FRA                                                     |
| 12:15 - 12:30 | Surgery for NET-G3/NEC - Is It Ever Recommended?  
               | Andreas Pascher, GER                                                   |
| 12:30 - 12:45 | SI-NETs and Prophylactic Surgery in Stage IV Disease  
               | Peter Stalberg, SWE                                                   |

### Satellite Symposium II, Industry-sponsored

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

### Lunch

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

### Session 5A: Clinical Management in Special Circumstances

**Time:** Thursday 14:20 - 15:50  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Diego Ferone, ITA / Anna Koumarianou, GRE

<table>
<thead>
<tr>
<th>Time</th>
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| 14:20 - 14:40 | Current Surgical Management in Sporadic Gastrinoma  
               | James Howe, USA                                                        |
| 14:40 - 15:00 | Management of Rare Functioning Pancreatic Tumors - Focus Insulinoma  
               | Maralyn Druce, GBR                                                   |
| 15:00 - 15:20 | Management of Other Rare Functioning NET  
               | Wouter W. de Herder, NED                                              |
| 15:20 - 15:40 | Nutrition in NET  
               | Martin O. Weickert, GBR                                               |
| 15:40 - 15:50 | Panel & Audience Discussion                                              |

### Session 5B: Basic Science Abstract Session

**Time:** Thursday 14:20 - 15:50  
**Room:** Meeting room 111  
**Chairs:** Jerome Cros, FRA / Christina Thirlwell, GBR

<table>
<thead>
<tr>
<th>Time</th>
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| 14:20 - 14:35 | Presidential Abstract: Immune Characteristics of Pancreatic Neuroendocrine Tumors  
               | According to Grade and Molecular Subtypes  
               | Anguraj Sadanandam, GBR                                              |
| 14:35 - 14:50 | The PanNET-Related Histone H3.3 Chaperone Daxx Regulates Lineage Specification and Tissue Homeostasis in the Pancreas  
               | Teresa Sposito, GBR                                                   |
| 14:50 - 15:05 | Integrative and Comparative Genomic Analyses Identify Clinically Relevant Groups of Pulmonary Carcinoids and Unveil the Existence of Supra-Carcinoids  
               | Lynnette Fernandez-Cuesta, FRA                                        |
| 15:05 - 15:20 | Understanding Tumour Evolution of a Highly Disseminated Lung NET Through Multi-Player Augmented Reality Visualisation  
               | Tamsin Robb, NZL                                                      |
Grant Winner Presentations

**Time:** Thursday 15:50 - 16:10
**Room:** Meeting room 113-116 (Plenary)
**Chairs:** Dermot O'Toole, IRL / Bertram Wiedenmann, GER

- **15:50 - 15:55**
  - ENETS Translational Medicine Fellowship 2019
    - Valentina Andreasi, ITA

- **15:55 - 16:00**
  - ENETS Centers of Excellence (CoE) Synergy Grant 2018
    - Jerome Cros, FRA

- **16:00 - 16:10**
  - ENETS Centers of Excellence (CoE) Synergy Grant 2018
    - Alberto Larghi, ITA

- **16:05 - 16:10**
  - ENETS Centers of Excellence (CoE) Synergy Grant 2018
    - Ilaria Marinoni, SUI

Coffee Break

- **Time:** Thursday 16:10 - 16:40
- **Room:** Exhibition area

Parallel Sessions

Session 6A: MEN-1

- **Time:** Thursday 16:40 - 17:40
- **Room:** Meeting room 113-116 (Plenary)
- **Chairs:** Beata Kos-Kudla, POL / Rajesh Thakker, GBR

- **16:40 - 17:00**
  - Clinical Features and Diagnostics
    - Emanuel Christ, SUI

- **17:00 - 17:20**
  - Who to Screen, When and How?
    - Gerlof Valk, NED

Session 6B: Clinical Science Abstract Session

- **Time:** Thursday 16:40 - 17:40
- **Room:** Meeting room 111
- **Chairs:** Marc Peeters, BEL / Nicholas Simon Reed, GBR
**Scientific Programme**

**17:20 - 17:40**
**Challenges in MEN-1 Management Versus Sporadic Disease**
*Annamaria Colao, ITA*

**16:40 - 16:52**
**Presidential Abstract: Efficacy and Safety Analyses of the TALENT Trial (GETNE 1509): A Phase II Study of Lenvatinib in Patients (pts) with Advanced G1/G2 Pancreatic (panNETs) and Gastrointestinal (giNETs) Neuroendocrine Tumors**
*Jaume Capdevila, ESP*

**16:52 - 17:04**
**Influence of Gender on the Evolution of Mesenteric Metastases in Small Intestinal Neuroendocrine Tumours**
*Anela Blazevic, NED*

**17:04 - 17:16**
**Endoscopically Removed Colorectal NETs; A Nationwide Cohort Study**
*Teaco Kuiper, NED*

**17:16 - 17:28**
**A Consensus Developed Morphological Re-evaluation of 196 Cases with Metastatic High-grade Gastroenteropancreatic Neuroendocrine Neoplasms (GEP-NEN G3) from the Nordic NEC Registries: Consequences for Classification, Treatment Response and Survival**
*Hege Elvebakken, NOR*

**17:28 - 17:40**
**Treatment Strategies Derived from Comprehensive Genomic and Transcriptomic Analysis in Patients with Advanced-stage Neuroendocrine Neoplasms: Results from the MASTER Trial of the German Cancer Consortium**
*Leonidas Apostolidis, GER*

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**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

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**Friday, 08.03.2019**

**Session 7: Nuclear Medicine - New Insights**

**Time:** Friday 08:30 - 09:30  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Rodney Hicks, AUS / James Howe, USA

**08:30 - 08:45**  
**Peri-surgical PRRT - How Nuclear Medicine Can Help the Surgeon and Vice Versa**  
*Massimo Falconi, ITA*

**08:45 - 09:00**  
**New Tracers for PET - Exendin-PET, CXCR4, and Beyond**  
*Tessa Brabander, NED*
09:00 - 09:15  **FDG and Gallium PET - Why Don’t We Do Just Both Upfront?**  
*David Chan, AUS*

09:15 - 09:23  **Selected Oral Abstract - Clinical Category: Characteristics and Outcomes of Therapy-Related Myeloid Neoplasms After Peptide Receptor Radionuclide Therapy (PRRT) for Metastatic Neuroendocrine Neoplasm (NEN): A Single Centre Series**  
*Grace Kong, AUS*

09:23 - 09:30  **Selected Oral Abstract - Clinical Category: 11C-Hydroxy-Ephedrine-PET/CT for Diagnosis of Pheochromocytomas and Paragangliomas and for Characterization of Equivocal Adrenal Incidentalomas**  
*Achyut Ram Vyakaranam, SWE*

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**Session 8A: Tumor Response Evaluation - Innovations in Measuring Outcomes**

**Time:** Friday 09:30 - 10:30  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Martyn Caplin, GBR / Anders Sundin, SWE

09:30 - 09:50  **Do We Need to Achieve Radiological Responses to Impact on Clinical Outcome?**  
*Marianne Ellen Pavel, GER*

09:50 - 10:10  **Axial Imaging and New Developments Including Radiomics**  
*Clarisse Dromain, SUI*

10:10 - 10:30  **Nuclear Medicine - Impact on Response Assessment**  
*Andreas Kjaer, DEN*

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**Session 8B: Risks and Benefits of Treatment**

**Time:** Friday 09:30 - 10:30  
**Room:** Meeting room 111  
**Chairs:** Teodora Kolarova, BUL / Kjell Öberg, SWE

09:30 - 09:50  **Health Economics and NET**  
*Simron Singh, CAN*

09:50 - 10:10  **Measuring Outcomes Including Patient-related Outcome Measures**  
*John Ramage, GBR*

10:10 - 10:30  **Quality of Life and Patient Involvement in Data Collection**  
*Simone Leyden, AUS*

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**Coffee Break**

**Time:** Friday 10:30 - 11:05  
**Room:** Exhibition area

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**Poster Session and Poster Walks B**

**Time:** Friday 10:35 - 11:15  
**Room:** Poster area, Exhibition hall

10:35 - 11:15  **Poster Walk B - Basic Science**  
*Anne Couvelard, FRA / Christina Thirlwell, GBR*

10:35 - 11:15  **Poster Walk B - Clinical Science**  
*Gregory Kaltsas, GRE / Christos Toumpanakis, GBR*

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**Session 9: Treatment Stratification in NET - Finding the Right Pathway for Each Patient**

**Time:** Friday 11:05 - 12:30  
**Room:** Meeting room 113-116 (Plenary)  
**Chairs:** Marie-Louise van Velthuysen, NED / Thomas Walter, FRA
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<tr>
<td>11:05 - 11:15</td>
<td><strong>Introduction: Current Status of Predictive / Prognostic Markers - Pathologist View</strong>&lt;br&gt; Anne Couvelard, FRA</td>
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<td>11:15 - 11:40</td>
<td><strong>Lung Carcinoid</strong>&lt;br&gt; Eric Baudin, FRA</td>
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<td>11:15 - 12:30</td>
<td><strong>Highlighting the Special Considerations (Molecular Markers) in Decision Making - Patient Scenarios Discussed by Experts and Delegates</strong></td>
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<td>11:40 - 12:05</td>
<td><strong>GI Non-functioning Rectal NET</strong>&lt;br&gt; Philippe Ruszniewski, FRA</td>
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<td>12:05 - 12:30</td>
<td><strong>Pancreatic NET</strong>&lt;br&gt; Nicola Fazio, ITA</td>
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<td><strong>Lunch</strong></td>
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<td>Time: Friday 12:30 - 14:00&lt;br&gt; Room: Exhibition area</td>
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<td><strong>Awards Ceremony</strong></td>
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<td>Time: Friday 14:00 - 14:15&lt;br&gt; Room: Meeting room 113-116 (Plenary)&lt;br&gt; Chairs: Dermot O’Toole, IRL / Bertram Wiedenmann, GER&lt;br&gt; An official photo session for all awarded grant winners will take place on Friday at 15:45 after the formal conference programme has ended.</td>
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<td><strong>Session 10: What’s New in 2018/19 and Abstract Highlights</strong></td>
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<td>Time: Friday 14:15 - 15:25&lt;br&gt; Room: Meeting room 113-116 (Plenary)&lt;br&gt; Chairs: Eva Tiensuu Janson, SWE / Juan Valle, GBR&lt;br&gt; 14:15 - 14:45 <strong>Best Abstracts Resumé - The Top 7 within the Context of Current Literature</strong>&lt;br&gt; Robert Jensen, USA&lt;br&gt; 14:45 - 15:05 <strong>Clinical Trials Updates</strong>&lt;br&gt; Enrique Grande, ESP&lt;br&gt; 15:05 - 15:25 <strong>Basic / Translational NET Updates</strong>&lt;br&gt; Emily Bergsland, USA</td>
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<td><strong>Closing Comment</strong></td>
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<td>Time: Friday 15:25 - 15:35&lt;br&gt; Room: Meeting room 113-116 (Plenary)&lt;br&gt; Dermot O’Toole, IRL</td>
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**ENETS Office**
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Fax: +49 (30) 994 045 349
Website: www.enets.org

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

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