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
Monday, 04.03.2019
Tuesday, 05.03.2019
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
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<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Registration and Coffee</td>
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<tr>
<td>09:00 - 09:15</td>
<td>Opening and Overview&lt;br&gt; Rocio Garcia-Carbonero, ESP</td>
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<tr>
<td>09:15 - 09:35</td>
<td>Molecular Pathology of Neuroendocrine Neoplasms (NENs): Clinical Implications&lt;br&gt; Aldo Scarpa, ITA</td>
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<tr>
<td>09:35 - 09:55</td>
<td>The Role of Nuclear Medicine in the Diagnosis of NENs: State-of-the-art and Future Perspectives&lt;br&gt; Aviral Singh, GER</td>
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<tr>
<td>09:55 - 10:15</td>
<td>Follow-up of Resected Lung and GEP NENs: How Often, with What and for How Long?&lt;br&gt; Angela Lamarca, GBR</td>
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<tr>
<td>10:15 - 10:35</td>
<td>Panel Discussion</td>
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<td>10:35 - 11:00</td>
<td>Coffee Break</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Surgical Approach in 2018 - Towards Parenchyma-sparing Resections for Bronchial and Thymic NET&lt;br&gt; Pier Luigi Filosso, ITA</td>
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<tr>
<td>11:20 - 11:40</td>
<td>Sequence of Non-surgical Management in Advanced Bronchial and Thymic NET&lt;br&gt; Martyn Caplin, GBR</td>
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<td>11:40 - 11:55</td>
<td>Panel Discussion</td>
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<td>11:55 - 12:15</td>
<td>Management of Advanced Medullary Thyroid Carcinoma&lt;br&gt; Gregory Kaltsas, GRE</td>
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<td>12:15 - 12:20</td>
<td>Questions and Answers</td>
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<td>12:20 - 12:40</td>
<td>Mesenteric Fibrosis: An Unresolved Mystery&lt;br&gt; Dalvinder Mandair, GBR</td>
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<td>12:40 - 12:45</td>
<td>Questions and Answers</td>
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<td>12:45 - 14:15</td>
<td>Lunch</td>
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<td>12:45 - 14:15</td>
<td>Satellite Symposium I, Industry-sponsored</td>
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<td>14:15 - 14:30</td>
<td>Revisiting Systemic Chemotherapy: Current and Future Perspectives&lt;br&gt; Juan Valle, GBR</td>
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<td>14:30 - 14:45</td>
<td>Impact of Established Systemic Treatment Options on Patient’s Symptoms and Quality of Life&lt;br&gt; Simona Glasberg, ISR</td>
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<td>14:45 - 15:00</td>
<td>Novel Antiangiogenics in the Field of NETs&lt;br&gt; Eric Raymond, FRA</td>
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<td>15:00 - 15:15</td>
<td>Predictive Biomarkers to Guide Therapy&lt;br&gt; Jaume Capdevila, ESP</td>
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<td>15:35 - 15:55</td>
<td>Coffee Break</td>
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15:55 - 17:15  
**Challenging Patient Scenarios Discussed by Experts and Delegates**
- **Complicated Midgut NEN**
- **Refractory Functional Pancreatic NEN**
- **Challenging Metastatic Bronchial NEN**

**MDT Group:**
- Endocrinologist: Ashley Grossman, GBR
- Gastroenterologist: Dermot O’Toole, IRL
- Medical Oncologist: Isabel Sevilla, ESP
- Nuclear Medicine: Guillaume Nicolas, SUI
- Pathologist: Marco Volante, ITA
- Surgeon: Andrea Frilling, GBR

17:15 - 17:25  
**The Importance of (MD) Team Work**
Christos Toumpanakis, GBR

17:25 - 17:30  
**Closing Remarks**
Rocio Garcia-Carbonero, ESP

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**ENETS Annual Conference Welcome Reception**

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

**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).
**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.

**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

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| 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

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

**Nurse Symposium**

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

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| 09:00 - 09:05 | **Welcome**  
Jenny Falkerby, SWE |
| 09:05 - 09:15 | **MIND the Gap**  
Kym Winter, GBR |
<table>
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<tr>
<th>Time</th>
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<tr>
<td>09:25 - 09:50</td>
<td><strong>Bone Metastases in Cancer and NET</strong>&lt;br&gt;Robert Coleman, GBR</td>
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<td>09:50 - 10:15</td>
<td><strong>Cancer Immunosurveillance, Immunoediting and Immunosubversion</strong>&lt;br&gt;Luis Álvarez-Vallina, DEN</td>
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<td>09:15 - 09:25</td>
<td><strong>Sexual Aspects of Quality of Life</strong>&lt;br&gt;Ronald Dick, GBR</td>
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<td>09:25 - 09:35</td>
<td><strong>PhysCan - Physical Training and Cancer</strong>&lt;br&gt;Anna Henriksson, SWE</td>
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<td>09:35 - 09:45</td>
<td><strong>Does Radioembolisation with Yttrium90 Microspheres Improve the Quality of Life in Patients with Carcinoid Syndrome Caused by Neuroendocrine Liver Metastases? A Systematic Review</strong>&lt;br&gt;Wendy Martin, GBR</td>
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<td>09:45 - 10:00</td>
<td><strong>Questions &amp; Answers</strong></td>
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<td>10:00 - 10:10</td>
<td><strong>Oral Abstract: Social Consequences of Disease-Related Symptoms in Patients with a Metastatic Small Bowel Neuroendocrine Tumor: A Qualitative Study</strong>&lt;br&gt;Albertien Godthelp, NED</td>
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<td>10:10 - 10:20</td>
<td><strong>Management of Syndromic Features</strong>&lt;br&gt;Jenny Falkerby, SWE</td>
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<td>10:20 - 10:30</td>
<td><strong>Update on Phaeochromocytoma and Paraganglioma</strong>&lt;br&gt;Deborah Pitfield, GBR</td>
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<td>10:30 - 10:40</td>
<td><strong>Genetic Counselling for NET Patients</strong>&lt;br&gt;Mónica Salinas Masdeu, ESP</td>
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<tr>
<td>10:40 - 10:45</td>
<td><strong>Questions &amp; Answers</strong></td>
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<tr>
<td>10:45 - 11:00</td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>11:00 - 11:45</td>
<td><strong>Workshop: How Do We Differentiate Between Side Effects of Treatment and Side Effects of NETs</strong>&lt;br&gt;Maria Paz Fernandez Ortega, ESP / Lise Munk Plum, DEN</td>
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**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

11:45 - 11:50  Dedication  
Wouter W. de Herder, NED

11:50 - 12:00  Recipient and Keynote Presentation: A 35-year Journey Investigating Neuroendocrine Tumors  
Barbro Eriksson, SWE

**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

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

14:20 - 14:40  Current Surgical Management in Sporadic Gastrinoma  
James Howe, USA

**Session 5B: Basic Science Abstract Session**

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

14:20 - 14:35  Presidential Abstract: Immune Characteristics of Pancreatic Neuroendocrine Tumors According to Grade and Molecular Subtypes  
Anguraj Sadanandam, GBR
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

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

15:20 - 15:35
Genomic Landscape of Pulmonary Carcinoids with High Grade Progression
Jerome Cros, FRA

15:35 - 15:50
Next Generation Sequencing of 294 Neuroendocrine G3 and Mixed Neuroendocrine and Non-Neuroendocrine Neoplasms Identifies Molecular Profile Linked to the Site of the Primary and Tumor Composition
Linea Melchior, DEN

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

Poster Session and Poster Walks A

Time: Thursday 16:10 - 16:50
Room: Poster area, Exhibition hall

16:10 - 16:50
Poster Walk A - Basic Science
Aurel Perren, SUI / Christina Thirlwell, GBR

Coffee Break

Time: Thursday 16:10 - 16:40
Room: Exhibition area
16:10 - 16:50
Poster Walk A - Clinical Science
Gregory Kaltsas, GRE / Christos Toumpanakis, GBR

Session 6A: MEN-1
Time: Thursday 16:40 - 17:40
Room: Meeting room 113-116 (Plenary)
Chairs: Beata Kos-Kudła, 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

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

Session 6B: Clinical Science Abstract Session
Time: Thursday 16:40 - 17:40
Room: Meeting room 111
Chairs: Marc Peeters, BEL / Nicholas Simon Reed, GBR

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
Hège 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

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, 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

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

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

Coffee Break
Time: Friday 10:30 - 11:05
Room: Exhibition area

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 Thirwell, GBR
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

11:05 - 11:15 Introduction: Current Status of Predictive / Prognostic Markers - Pathologist View
Anne Couvelard, FRA

11:15 - 12:30 Highlighting the Special Considerations (Molecular Markers) in Decision Making - Patient Scenarios Discussed by Experts and Delegates

11:15 - 11:40 Lung Carcinoid
Eric Baudin, FRA

11:40 - 12:05 GI Non-functioning Rectal NET
Philippe Ruszniewski, FRA

12:05 - 12:30 Pancreatic NET
Nicola Fazio, ITA

Lunch
Time: Friday 12:30 - 14:00
Room: Exhibition area

Awards Ceremony

Time: Friday 14:00 - 14:15
Room: Meeting room 113-116 (Plenary)
Chairs: Dermot O'Toole, IRL / Bertram Wiedenmann, GER

An official photo session for all awarded grant winners will take place on Friday at 15:45 after the formal conference programme has ended.

Session 10: What’s New in 2018/19 and Abstract Highlights

Time: Friday 14:15 - 15:25
Room: Meeting room 113-116 (Plenary)
Chairs: Eva Tiensuu Janson, SWE / Juan Valle, GBR

14:15 - 14:45 Best Abstracts Resumé - The Top 7 within the Context of Current Literature
Robert Jensen, USA

14:45 - 15:05 Clinical Trials Updates
Enrique Grande, ESP

15:05 - 15:25 Basic / Translational NET Updates
Emily Bergsland, USA

Closing Comment

Time: Friday 15:25 - 15:35
Room: Meeting room 113-116 (Plenary)
Dermot O’Toole, IRL
ENETS Office

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Website: www.enets.org

General Conference E-Mail: conference@enets.org

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