### 46th European Calcified Tissue Society Congress

**10-14 May 2019**  
Budapest, Hungary

### Scientific Programme

**Friday, 10 May 2019**

**Basic/Translational Working Group**  
16:30 – 18:30  
*Liszt 2*

**Working Group 5: Osteoclasts Novel Fundamental Insights by Translation from Genetic Disorders into Mouse Models and back**

Chair: Jan Tuckermann, Ulm, Germany

- **Genetics of Osteopetrosis and Osteoclast Biology**  
  Speaker: Cristina Sobacchi, Rozzano (Milan), Italy  
  16:30 – 16:55

- **Osteoclast fusion revisited – lessons from mouse models of SNX10 related osteopetrosis**  
  Speaker: Ari Elson, Rehovot, Israel  
  16:55 – 17:20

- **New frontiers for osteopetrosis treatment -promising data from mouse models**  
  Speaker: Anna Teti, L’Aquila, Italy  
  17:20 – 17:45

- **Osteopetrosis, a tricky clinical problem**  
  Speaker: Ansgar Schulz, Ulm, Germany  
  17:45 – 18:10

- **P118**  
  **Pleckstrin homology domain containing protein family member 1 (PLEKHM1) regulates bone resorption through sealing zone dynamics and lysosomal targeting in osteoclasts**  
  Speaker: Anh Tran, Aberdeen, United Kingdom  
  18:10 – 18:17

- **P319**  
  **Biophysical analysis of novel disease-causing mutation of CLCN7 gene**  
  Speaker: Alessandra Picollo, Genova, Italy  
  18:17 – 18:24

- **P116**  
  **Comprehensive analysis of osteoclastogenic proteome reshaping reveals a novel regulator of osteoclast differentiation and function**  
  Speaker: Maria Materozzi, Siena, Italy  
  18:24 – 18:30