

16 September 15.20-17.00

Oral presentations (O12-O18) Young investigators award for the best presentation

Chairs: Fabiana Picconi (Rome, Italy) and Peter Kempler (Budapest, Hungary)

O12. Systemic low-grade inflammation in diabetes is associated with gastrointestinal transit times

Tina Okdahl, Anne-Marie Wegeberg, Anne Birthe Helweg Jensen, Sarah Thorius Jensen, Helene Riis Pontoppidan Andersen, Joachim Størling, Birgitte Brock, Christina Brock (Aalborg, Denmark, Herlev, Denmark)

O13. Visceral adiposity is associated with autonomic dysfunction in adults with autoimmune diabetes

Ernesto Maddaloni, Luca D'Onofrio, Mikiko Watanabe, Raffaella Cassano, Davide Masi, Rocco Amendolara, Sara Sterpetti, Chiara Moretti, Antonio Siena, Lucio Gnessi, Raffaella Buzzetti (Rome, Italy)

O14. Corneal confocal microscopy detects small nerve fibre damage in patients with heterozygous familial hypercholesterolemia which ameliorated after treatment with PCSK9 inhibitor therapy. Maryam Ferdousi, Alise Kalteneice, Ruth Eatough, Kirsty Nicholson, Rayaz Malik, Handrean Soran (Manchester, United Kingdom; Doha, Qatar)

O15. Does a simple clinical scoring system complement COMPASS 31 in predicting cardiovascular autonomic neuropathy in type 1 and type 2 diabetes?

Ilenia D'Ippolito, Marika Menduni, Cinzia D'Amato, Carla Greco, Martina Leoni, Davide Lauro, Vincenza Spallone (Rome, Italy)

O16. Functional alterations in brain regions involved in sensory processing in diabetic peripheral neuropathy and neuropathic pain

Suganthiya S Croosu, Johan Røikjer, Carsten Dahl Mørch, Niels Ejksjaer, Jens Brøndum Frøkjær, Tine Maria Hansen (Aalborg, Denmark)

O17. Neurotransmitter enriched resting state functional MRI - a new mechanistic-informed biomarker for predicting treatment response in diabetic painful neuropathy

Kevin Teh, James McAllister, Arpana Anandhanarayanan, Gordon Sloan, Solomon Tesfaye, Dinesh Selvarajah (Sheffield, United Kingdom)

O18. A novel data-driven machine learning approach to identify subtypes of painful diabetic neuropathy from resting-state functional magnetic resonance imaging

Kevin Teh, James McAllister, Aparna Anandhanarayanan, Gordon Sloan, Solomon Tesfaye, Dinesh Selvarajah (Sheffield, United Kingdom)