“Optical coherence tomography in multiple sclerosis”

MONDAY, 25 JUNE 2018

08.25  Welcome
       Bernhard Hemmer (Munich, DE)

08.30 - 10.00  Session 1: OCT technique and visual system
       Chairs: Alexander U. Brandt (Berlin, DE), Netta Levin (Jerusalem, IL)

08.30 – 09.00  Assessing visual function in clinical practice
       Netta Levin (Jerusalem, IL)

09.00 – 09.30  Technique, methodological limitations, different OCT applications / brands
       Gábor Mark Somfai (Budapest, HU/Olten, CH)

09.30 – 10.00  Factors influencing OCT parameters (e.g. eye diseases) including quality control and quality criteria
       Lisanne Balk (Amsterdam, NL)

10.00 – 10.30  Coffee break

10.30 - 11.30  Session 1: OCT technique and visual system (continued)
       Chairs: A. U. Brandt (Berlin, DE), Netta Levin (Jerusalem, IL)

10.30 – 11.00  Retinal segmentation
       Hanna Zimmermann (Berlin, DE)

11.00 – 11.30  OCT angiography
       Gabriella Szatmáry (Hattiesburg, USA)

11.30 – 12.30  Session 2: Retinal OCT in experimental neuroimmunology
       Chairs: Benjamin Knier (Munich, DE), Ari Green (San Francisco, US)

11.30 – 12.00  Murine and rat OCT
       Sven Schippling (Zurich, CH)

12.00 – 12.30  Two-photon excitation microscopy
       Hanna Zimmermann (Berlin, DE)

12.30 – 14.00  Lunch break

14.00 – 15.30  Hands on Session 1
       Assessment of the visual system, OCT analysis, OCT quality control

15.30 – 16.00  Coffee break
16.00 – 18.00  Hands on Session 1 (continued)
Assessment of the visual system, OCT analysis, OCT quality control

19.00  Dinner at the hotel

TUESDAY, 26 JUNE 2018

08.30 – 10.30  Hands on Session 2
OCT segmentation; clinical cases

10.30 – 11.00  Coffee break

11.00 – 13.00  Hands on Session 2 (continued)
OCT segmentation; clinical cases

13.00 – 14.30  Lunch break

14.30 – 16.00  Session 3: OCT and optic neuritis
Chairs: Laura Balcer (New York, US), Wolf Lagrèze (Freiburg, DE)

14.30 – 15.00  Analyzing optic neuritis during clinical practice: OCT, VEP, ERG and MRI
Letizia Leocani (Milan, IT)

15.00 – 15.30  Optic neuritis during MS (time course, findings, prognostic impact)
Fiona Costello (Calgary, CA)

15.30 – 16.00  Functional impact of retinal damage (impact on LCLA, color vision, QOL, motion perception)
Laura Balcer (New York, US)

16.00 – 16.30  Coffee break

16.30 – 17.30  Session 3: OCT and optic neuritis (continued)
Chairs: Laura Balcer (New York, US), Wolf Lagrèze (Freiburg, DE)

16.30 – 17.00  OCT as outcome measure in optic neuritis trials
Wolf Lagrèze (Freiburg, DE)

17.00 – 17.30  OCT as outcome measure in multiple sclerosis trials
Ari Green (San Francisco, US)

19.00  Summer School Dinner
WEDNESDAY, 27 JUNE 2018

08.30 – 11.00  **Session 4: OCT in multiple sclerosis**
Chairs: Bernhard Hemmer (Munich, DE), Axel Petzold (London, UK)

08.30 – 09.00  OCT in CIS and early MS
  *Benjamin Knier (Munich, DE)*

09.00 – 09.30  OCT in later stages and progressive MS
  *Elena Martinez-Lapiscina (Barcelona, ES)*

09.30 – 10.00  OCT and MRI
  *Peter Calabresi (Baltimore, US)*

10.00 – 10.30  OCT and body fluid markers (biomarkers from blood, CSF; genetics)
  *Axel Petzold (London, UK)*

10.30 – 11.00  OCT and disease modifying therapies
  *Shiv Saidha (Baltimore, US)*

11.00 – 11.30  **Coffee break**

11.30 – 13.30  **Session 5: OCT in other neurological diseases**
Chairs: Friedemann Paul (D), Olivier Outteryck (FRA)

11.30 – 12.00  NMO
  *Olivier Outteryck (Lille, FR)*

12.00 – 12.30  MOG-EM
  *Friedemann Paul (Berlin, DE)*

12.30 – 13.00  Susac’s syndrome
  *Alexander U. Brandt (Berlin, DE)*

13.00 – 13.30  OCT outside MS: Aging, Parkinson’s disease, Huntington’s disease
  *Philipp Albrecht (Düsseldorf, DE)*

13.30  **Lunch and individual departure**