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Wednesday, September 26, 2018
7:45 a.m. Continental breakfast

WELCOME AND JAY VAN ANDEL AWARD ADDRESS
8:30 a.m. Peter A. Jones, Ph.D., D.Sc. (hon) – Van Andel Research Institute
Welcome and opening remarks
8:35 a.m. Viviane Labrie, Ph.D – Van Andel Research Institute
8:40 a.m. K. Ray Chaudhuri, M.D., FRCP, D.Sc. – King's College Hospital and King's College London
Jay Van Andel Award for Outstanding Achievement in Parkinson's Disease Research
From motor Parkinson's to non-motor Parkinson's: Measurement, subtypes, personalized medicine and the future
9:40 a.m. Discussion
9:55 a.m. Break

REM SLEEP DISTURBANCES AND FATIGUE IN PARKINSON'S DISEASE
SESSION CHAIR: Patrik Brundin, M.D., Ph.D. – Van Andel Research Institute
10:10 a.m. Ron Postuma, M.D., M.Sc. – Montreal General Hospital
Observing prodromal disease: RBD as a window
10:40 a.m. Michele Hu, MBBS, FRCP, Ph.D. – University of Oxford
How common are non-motor symptoms in prodromal and early motor Parkinson's disease?
11:10 a.m. Abstract selected talk
Jeffrey Boertien, M.Sc., M.D. – University Medical Center Groningen
Dutch Parkinson Cohort (DUPARC)
11:25 a.m. Discussion
11:40 a.m. Lunch

THE GUT AS A SITE OF ORIGIN FOR PARKINSON'S DISEASE
SESSION CHAIR: Kathleen Shannon, M.D. – University of Wisconsin School of Medicine and Public Health
1:00 p.m. Filip Schepersjans, Ph.D., M.D. – Helsinki University Hospital
Gut microbiota in Parkinson's disease
1:30 p.m. Ayse Ulusoy, Ph.D. – German Center for Neurodegenerative Diseases (DZNE)
The role of dorsal motor nucleus of the vagus nerve in long distance alpha-synuclein transfer
2:00 p.m. Per Borghammer, M.D., Ph.D., D.MSc. – Aarhus University Hospital
In vivo staging of pathology in prodromal Parkinson's disease — using modality PET/MRI
2:30 p.m. Discussion
2:45 p.m. Break

HYPOSIA: EARLY Olfactory CHANGES INVOLVED IN PARKINSON'S DISEASE
SESSION CHAIR: Pascal Derkinderen, M.D., Ph.D. – Nantes University
3:00 p.m. Hong-Lei Chen, M.D., Ph.D. – Michigan State University
The changing landscape of Parkinson's etiological research
3:30 p.m. Heinz Reichmann, M.D. – University of Dresden
How to explain hyposmia in Parkinson's disease
4:00 p.m. Abstract selected talk
Bryan Killinger, Ph.D. – Van Andel Research Institute
The veriform appendix contributes to the development of Parkinson's disease
4:15 p.m. Discussion

4:45 p.m. Poster session
6:30 p.m. Dinner
Please note, attendees must have signed up during registration

Thursday, September 27, 2018
7:45 a.m. Continental breakfast

GENOMIC CONTRIBUTIONS TO NON-MOTOR SYMPTOMS
SESSION CHAIR: Gerry Coetzee, Ph.D. – Van Andel Research Institute
8:30 a.m. Ziv Gan-Or, M.D., Ph.D. – Montreal Neurological Institute and Hospital, McGill University
The genetics of REM sleep behavior disorder
9:00 a.m. Rita J. Louro Guerreiro, M.Sc., Ph.D. – University College London
Genomic contributions to cognitive decline in Parkinson's disease and related disorders
9:30 a.m. Abstract selected talk
Luis M. Oliveira, Ph.D. – The Michael J. Fox Foundation for Parkinson's Research
MJFF strategy for research funding in non-motor symptoms in PD
9:45 a.m. Discussion
10:00 a.m. Break

INTERPLAY OF INFLAMMATION AND NON-MOTOR SYMPTOMS
SESSION CHAIR: Jeffrey H. Kordower, Ph.D. – Rush University Medical Center and Van Andel Research Institute
10:15 a.m. Sarkis Mazmanian, Ph.D. – California Institute of Technology (Caltech)
The gut microbiome impacts motor and non-motor symptoms in a PD mouse model
10:45 a.m. Kathleen Shannon, M.D. – University of Wisconsin School of Medicine and Public Health
Digging beneath the surface: The importance of non-motor Parkinson's disease
11:15 a.m. Abstract selected talk
Aaron Massey, B.S. – University of Colorado, Denver
Role of alpha-synuclein in immune modulation during West Nile virus infection
11:30 a.m. Discussion
11:45 a.m. Break
1:10 p.m. Tom Isaacs Award presentation
1:15 p.m. Report from Rallying to the Challenge

PERIPHERAL BIOMARKERS
SESSION CHAIR: Viviane Labrie, Ph.D. – Van Andel Research Institute
1:45 p.m. Lana Chahine, Ph.D. – University of Pittsburgh
Peripheral tissue α-synuclein in Parkinson's disease: Results of the systemic synuclein sampling study
2:15 p.m. Pascal Derkinderen, M.D., Ph.D. – Nantes University
Alpha-synuclein in GI biopsies as a biomarker for PD, is there still any hope?
2:45 p.m. Discussion

COGNITION, PSYCHOSIS AND DEPRESSION
SESSION CHAIR: Lena Brundin, M.D., Ph.D. – Van Andel Research Institute
3:00 p.m. Jennifer Goldman, M.D., M.S. – Rush University Medical Center
Neuropsychiatric issues in Parkinson's disease: where are we now?
3:30 p.m. Nicolaas Bohnen, M.D., Ph.D. – University of Michigan
Regional cortical cholinergic vulnerability, amyloidopathy, brain network hubs and cognition in PD
4:00 p.m. Discussion
4:15 p.m. Viviane Labrie, Ph.D. – Van Andel Research Institute
Closing remarks