SCIENTIFIC PROGRAM

Saturday, June 10 - Arriving in BLAU MARINA VARADERO
Check-in and enjoying the hotel
14:00-15:00 hrs: Accreditation
17:30 hrs: Welcome activity
Place: Conference Room
Chairs: V. Wee Yong (Canada)
Maria Robinson Agramonte (Cuba)
Nibaldo Hernandez Mesa (Cuba)
Welcome talks: SONECUB Executives
Opening Lectures:
17.50-18.20 hrs: Orlando Serrano Barrera (Cuba). Some founding events on the history of neuroimmunology
18.25-19.00 hrs: V. Wee Yong. University of Calgary, Canada (ASNI). Modulating inflammation in multiple sclerosis
19:00-19:30 hrs: Welcome activity and cocktail

Sunday, June 11 - SESSION 1
07:30-08:15 hrs: Breakfast at Buffet Room
08:15-08:30 hrs: Accreditation
Fourth International Workshop of Neuroimmunology
8.30-10.15 hrs: Symposium on epigenetics and therapies in demyelinating diseases
Chairs: Fernando Gracia (Panama) and Amado Diaz de la Fe (Cuba)
8:30-9:15 hrs: Fernando Gracia (Panama). Current aspects on B cell in the pathological process of MS. New therapies in development
09:20-09:35 hrs: Maria Robinson Agramonte (Cuba). Molecular biomarkers and comorbidities in MS
09:40-09:55 hrs: Amado Diaz de la Fe (Cuba). Physical therapy in MS patients: A Cuban experience recovering the neural function
10:00-10:15 hrs: Yanely Real Gonzalez (Cuba). Speech therapy in persons with multiple sclerosis
10:15-10:25 hrs: Coffee break

10:25-12.30 hrs: Symposium on neuroimmune interactions and repair of brain damage
Chairs: Profs. Lourdes Lorigados Pedre (Cuba) and Carlos Alberto Goncalves (Brazil)
10.25-10.50 hrs: Carlos Alberto Goncalves. (Brazil). The role of S100B protein in neuroinflammation
10.55-11.25 hrs: Michal Schwartz / Aleksandra Deczkowska (Israel). Reversing age-related dementia and Alzheimer’s disease by restoring the brain-immune axis
11.30-11.45 hrs: Ivette Fernandez (Cuba). Cuban hematopoietic factors, G-CSF and EPO, as promising targeted therapy in cognitive/motor impairments in a nonhuman primate model of Alzheimer’s disease: neurobehavioral findings
11.50-12.05 hrs: Lourdes Lorigados Pedre (Cuba). Two years follow-up of IL-1β, IL-6 in temporal lobe drug-resistant epilepsy patients treated surgically
12.10-12.30 hrs: Priscila Machado Rosa (Brazil). Resveratrol protects oligodendroglia against LPS-mediated cytotoxicity via heme oxygenase-1

12:30-13:55 hrs: Lunch

14.00-15.30 hrs: Symposium on Modulating functions in neurological disease
Chairs: Diogo Onofre (Brazil) and Yanier Nuñez Fernandez (Cuba)
14.00-14.20 hrs: Diogo Onofre and Gabriel Muller (Brazil). Insights on Neuroprotection: Translational Perspective on New Drugs
14.50-15.05 hrs: Miriam Marañon Cardone (Cuba). Neuroprotective treatment with sinusoidal extremely low frequency magnetic fields: experimental evidences
15.10-15.25 hrs: Lena Font (Cuba). Ca²⁺-dependent NO pathway in extremely low frequency magnetic fields (13.5 Mt/60 Hz) induces migration in HMEC-1 cells
15:25-15:35 hrs: Coffee break
15:35-15:50 hrs: Maylin Wong-Guerra (Cuba). Neuroprotective effects of JM-20 on aluminum chloride-induced learning impairments, mitochondrial dysfunction and neuronal death in adult rats
15:55-16:10 hrs: LA Fonseca-Fonseca (Cuba). JM-20, a novel hybrid molecule, protects against 6-hydroxydopamine-induced neurotoxicity in in vivo and in vitro models of Parkinson’s disease
16:15-16:30 hrs: Jeney Ramirez-Sanchez (Cuba). Regional effects of transient cerebral ischemia on astrocytes reactivity and PI3K/Akt survival pathway: role of JM-20

17:00 hrs: Neuroimmunology Raffle

Monday, June 12 - SESSION 2
07:30-08:30 hrs: Breakfast at Buffet Room
08:15-08:30 hrs: Accreditation
VIII International Symposium of Hereditary Ataxias and other neurodegenerations
08:30-10:45 hrs: Session I
Chairs: Georg Auburger (Germany) and Yaimee Vazquez Mojena (Cuba)
08:30-09:00 hrs: Georg Auburger (Germany). Ataxin-2 as translation factor with specificity for mitochondrial precursors
09:05-09:35 hrs: Luis Velazquez Perez (Cuba). Spinocerebellar Ataxia type 2: early biomarkers and clinical trials
09:40-10:10 hrs: Yaimie Vazques Mojena (Cuba). Neuroinflammation in SCA2 ataxia
10:15-10:45 hrs: Roberto Rodriguez Labrada (Cuba). Novel electrophysiological biomarkers for SCA2
10:45-10:55 hrs: Coffee break
11:00-11:30 hrs: Paul Mathew (USA). A new mouse model and treatment for ataxia-telangiectasia
11:35-11:55 hrs: Dennis Almaguer Gotay. Metabolic disorders and their relationship with the clinical phenotype of SCA2
12:00-12:25 hrs: Patricia Hernandez Casañas (Cuba). Intra-nasal administration of non-hemopoietic erythropoietin promotes clinical benefit without toxicity in spinocerebellar ataxia type 2 patients: results from a 6 months, double-blind, placebo-controlled phase 2 clinical trial.

12:30-13:55 hrs: Lunch

VIII International Symposium of Hereditary Ataxias and other neurodegenerations
Session II
14:00-14:35 hrs: Jandy Campins Ali (Cuba). Parkinsonian phenotype in SCA2
14:35-14:55 hrs: Luis Enrique Almaguer Mederos (Cuba). MTHFR C677T polymorphism is associated to disease progression in spinocerebellar ataxia type 2
15:00-15:25 hrs: Julio C Rodríguez (Cuba). Physical therapy in SCA2 patients: experiences over 15 years
15:30-15:45 hrs: Coffee break
15:45-17:40 hrs: Digital posters Session

Tuesday June 13 - SESSION 3
07:30-08:15 hrs: Breakfast at Buffet Room

08:30-10:40 hrs: Symposium on inflammation, biomarkers and intervention in neurodevelopmental disorders
Chairs: Scott Hunter (USA) and Lazaro Gomez (Cuba)
08:30-09:00 hrs: Scott Hunter (USA). How Neuropsychology informs Neuroimmunology - Understanding the Cognitive and Behavioral Vulnerabilities in Autism Spectrum Disorders
09:05-09:25 hrs: Maria Robinson Agramonte (Cuba). From clinical to molecular in autism. A pending task for science
09:30-09:50 hrs: Dalina Laffita (USA). Suppressing Igf-1 signaling pathway rescues neuronal overgrowth of Pten+/- mice
09:55-10:20 hrs: Manuel F Casanova (USA). Neuropathology and current tools for treatment in autism
10:40-10:55 hrs: Coffee break

10:55-13:30 hrs: Lectures on Neuroimmunology and clinical applications
Chairs: Jack Antel (Canada) and Tania Valdez (Cuba)
10:55-11:15 hrs: Jack Antel (Canada). Regulation of immune activity within the central nervous system
11:20-11:40 hrs: Manfred Schedlowski (Germany). Learned immune responses - mechanisms and potential clinical applications
11:45-12:10 hrs: Hartmut Wekerle (Germany). Nature and nurture - Gut microbiota and multiple sclerosis
12:15-12:35 hrs: Lilia María Morales Chacón(Cuba). Long-term electroclinical follow up in temporal lobe epilepsy surgery
12:40-13:00 hrs: Ivon Pedroso Ibañe(Cuba). Erythropoietin induces neuroprotection in patients with Parkinson’s disease
13:05-13:25 hrs: Carlos M Martinez Ortiz (Cuba). MS-scan computer program for identification of exact and inexact microsatellites in genomic sequences
13:30-14:30 hrs: Lunch Buffet
18:30-20:00 hrs: Dinner Buffet
20:15-23:00 hrs: Closing Ceremony

Wednesday June 14 - SESSION 4
07:30-08:30 hrs: Breakfast at Buffet Room
09:00-09:25 hrs: Prof. Nibaldo Basilio Hernandez Mesa. Meditation and Neurosciences
09:30-10:00 hrs: Practical Session
12:00 hrs: Check-out
16:00 hrs: Return to Havana

Poster Session


20. Anabel Cepero Rodríguez (Cuba). IgG1 and IgG3 deficiencies in bacterial meningoencephalitis by Streptococcus pneumoniae.