



CUBANNI 2017
First International Meeting
of The Cuban Network of Neuroimmunology
Varadero, Cuba. June 10-14, 2017



SCIENTIFIC PROGRAM

Saturday, June 10 - Arriving in BLAU MARINA VARADERO

Check-in and enjoying the hotel

19:00 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:

19.20-19.50 hrs: Orlando Serrano Barrera (Cuba). Some founding events on the history of neuroimmunology

19.55-20.30 hrs: V. Wee Yong. University of Calgary, Canada (ASNI). Modulating inflammation in multiple sclerosis

20:30-21:00 hrs: Welcome activity and cocktail

Sunday, June 11th – SESSION 1

07:30-08:15 hrs: Breakfast at Buffet Room

Fourth International Workshop of Neuroimmunology

8.30-10.20 hrs: Symposium on epigenetics and therapies in demyelinating diseases

Chairs: Fernando Gracia (Panama) and Amado Diaz de la Fe (Cuba)

8.30-9.30 hrs: Fernando Gracia (Panama). Current aspects on B cell in pathological process of MS. New therapies in development

09.30-09.45 hrs: Maria Robinson (Cuba). Molecular biomarkers and comorbidities in MS

09.50-10.15 hrs: Amado Diaz de la Fe (Cuba). Physical therapy in MS patients: A Cuban experience recovering the neural function

10-15-10.25 hrs: Coffee break

10.30-12.25 hrs: Symposium on neuroimmune interactions and repair of brain damage

Chairs: Profs. Alina Gonzalez-Quevedo (Cuba) and Carlos Alberto Goncalves (Brazil)

10.30-10.50 hrs: Carlos Alberto Goncalves. (Brazil). The role of S100B protein in neuroinflammation.

10.55-11.10 hrs: Jessica Silva-Souza (Brasil). S100B secretion is modulated by anti-inflammatory drugs in primary astrocyte cultures

11.15-11.30 hrs: Aleksandra Deczkowska (Israel). Immune activities of choroid plexus and microglia shape brain function throughout life

11.35-11.50 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

11.55-12.10 hrs: Lourdes Lorigados Pedre (Cuba). Peripheral and central regulatory molecules of inflammation in patients with drug-resistant temporal lobe epilepsy

12.15-12.30 hrs: Priscila Machado Rosa (Brazil). Resveratrol protects oligodendroglia against LPS-mediated cytotoxicity via heme oxygenase-1



12.30 hrs: Lunch

14.00-15.30 hrs Symposium Modulating functions in neurological disease

Chairs: Diogo Onofre (Brazil) and Yanier Nuñez Fernandez (Cuba)

14.00-14.20 hrs: Diogo Onofre (Brazil). Insights on Neuroprotection: Translational Perspective on New Drugs

14.25-14.45 hrs: Lionel Muller (Argentina). TDP-43-mediated neurodegeneration: role of inflammation in novel transgenic models of FTD/ALS

14.50-15.05 hrs: Miriam Marañón Cardone (Cuba). Neuroprotective treatment with sinusoidal extremely low frequency magnetic field: experimental evidences

15.10-15.25 hrs: Lena Font (Cuba). Ca²⁺-dependent NO pathway in extremely low frequency magnetic field (13.5 Mt/60 Hz) induces migration in HMEC-1 cells

15.30-15.45 hrs: Maylin Wong-Guerra (Cuba). Neuroprotective effects of JM-20 on aluminium-chloride-induced learning impairments, mitochondrial dysfunction and neuronal death in adult rats

15.50-16.05 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

16.10-16.25 hrs: JA Ramirez-Sanchez (Cuba). Regional effects of transient cerebral ischemia on astrocytes reactivity and PI3K/Akt survival pathway: role of JM-20

16.30 hrs: Drummer of Neuroimmunology

Monday, June 12th - SESSION 2

07.30-08.30 hrs: Breakfast at Buffet Room

08.30-10.45 hrs: VIII International Symposium on Hereditary Ataxias and other neurodegenerations

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: Sonia Moreno (Colombia). Spinocerebellar ataxias in Colombia

10.15-10.45 hrs: Roberto Rodriguez Labrada (Cuba). Novel electrophysiological biomarkers for SCA2

10.45 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 month, double-blind, placebo-controlled phase 2 clinical trial

12.30-12.55 hrs: Jandy Campins Ali (Cuba). Parkinsonian phenotype in SCA2

13.00-13.25 hrs: Dalina Laffita (Cuba). Suppressing Igf-1 signaling pathway rescues neuronal overgrowth of Pten^{+/-} mice

13.30-13.50 hrs: Luis Enrique Almaguer Mederos (CUBA). MTHFR C677T polymorphism is associated to disease progression in Spinocerebellar Ataxia type 2



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13:55-14:10 hrs: Julio C Rodriguez (Cuba). Physical therapy in SCA2 patients: experiences over 15 years

Tuesday June 13th - SESSION 2

07.30-08.30 hrs: Breakfast at Buffet Room

08:30 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

09.10-09.20 hrs: Maria Robinson (Cuba). From clinical to molecular in autism. A pending task for science

09.25-09.45 hrs: Dario Siniscalcus (Italy). Title to be confirmed.

09.50-10.15 hrs: Fernando Casanova (USA). Neuropathology and current tools for treatment in autism

10.20-10.40 hrs: Lazaro Gomez (Cuba). Effects of Non -Invasive Brain Stimulation in children with Autism Spectrum Disorder: a short term outcome study

10.40-10.50 hrs: Coffee break

10.50-14.00 hrs: Lectures on Neuroimmunology: from history to clinical application

Chairs: Jack Antel (Canada) and Tania Valdez (Cuba)

10.50-11.10 hrs: Tania Valdez (Cuba). Title to be confirmed

11.15-11.45 hrs: Manfred Schedlowski (Germany). Learned immune responses-mechanism and potential clinical application

11.50-12.20 hrs: Hartmut Wekerle (Germany). Nature and nurture - Gut microbiota and multiple sclerosis

12.25-12.50 hrs: Jack Antel (Canada). Title to be confirmed

12.50-13.10 hrs: Carlos M Martinez Ortiz (Cuba). MS-Scan computer program for identification of exact and inexact microsatellites in genomic sequences

13.15-13.35 hrs: Lilia María Morales Chacon. (Cuba). Long-term electroclinical follow up in temporal lobe epilepsy surgery

13.40-14.00 hrs: Ivon Pedroso Ibañez (Cuba). Erythropoietin induce neuroprotection in patients with Parkinson's disease

20:15-23:00 hrs: Closing Ceremony

Recognition ceremony of Honorary Members

Thursday June 14th

07:30-10:00 hrs: Breakfast at Buffet Room

9.00-10.00 hrs: Prof. Nivaldo Basilio Hernandez Mesa. Neurosciences and Meditation. Collective Meditation Session

14:00 hrs: Check-out

16:00 hrs: Return to Havana