Final report on the 4th International Scientific Conference “ Restauración Neurológica 2014”

The Organizing Committee congratulates and thanks all the colleagues working at CIREN for their commitment and contribution to the success of the conference. It also thanks the support of friends from other Cuban and foreign institutions in the organization of the scientific program. The generous sponsorship of Physiomed and the contributions of IBRO LARC regional committee, the Pan American Section of the Movement Disorders Society and other organizations and companies is also acknowledge and thanked.

Scientific program

Preconference courses

Nine preconference course were organized. All of them were imparted successfully despite the absence of a few foreign professors. In all cases they were substituted by Cuban professors. Todos se impartieron con algunas ausencias de profesores extranjeros que fueron sustituidos por conferencias de profesores cubanos.

The tables show the course programmed for each day

Monday 3

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| Curso/Course | Organizers | Place |
| Neuroscience for Neurologists (I) | Susan Sara and Jorge Bergado | Conference center  Palacio de Convenciones |
| Curso cirugía de epilepsia en niños y adultos (I) | Academia Latinoamericana de Epilepsia y Epilepsy Center Cleveland Clinic Foundation | Conference center  Palacio de Convenciones |
| Patología de la comunicación | Niurka Armenteros | CIREN |
| Evaluación Integral Psicomotriz en Pacientes con Afecciones Neurológicas | Yunio Torres Cárdenas Alba Elisa Pérez Pérez | CIREN |
| Neurocirugía guiada por funciones psicológicas superiores. La cirugía de cerebro despierto | Héctor Velázquez Santana, Manuel López Cruz, José Angel Ontiveros González | Conference center  Palacio de Convenciones |

Tuesday 4

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| Curso/Course | Organizers | Place |
| Neuroscience for Neurologists (II) | Susan Sara and Jorge Bergado | Conference center  Palacio de Convenciones |
| Cirugía de epilepsia en niños y adultos (II) | Academia Latinoamericana de Epilepsia y Epilepsy Center Cleveland Clinic Foundation | Conference center  Palacio de Convenciones |
| Neurosonología | Maykel López | CIREN |
| Neuropsicología | María L Bringas | CIMEQ |
| Limitaciones motoras en las extremidades superiores. Diagnóstico y estrategia de intervención | Maydané Torres | CIREN |
| Terapia por Electroestimulación neuromuscular (NMES) en disfagia. Empleo del nuevo equipo PHAGOSTIM | Ptok, M., Meyer, S., Jungheim, M., Kühn, D.  Universidad Médica de Hanover (Alemania). | Conference center  Palacio de Convenciones |

The (Phagostim course was imparted on the thursday afternoon due to the late arrival of the German professors.

Attendance was good. The most visited course was the one on epilepsy with over 90 participants. The courses on Neuroscience, Neurosonology and Neuropsychology were attende by more than 30 participants each.

MDS Transconference course on Parkinson´s disease and ataxia

The course was attended with great interest by about 140 participants from Cuba, Argentina, México, Francia, España, Italia y Bolivia, most of tehm Neurologists, Neurosurgeons and researchers.

The first day was devoted to Parkinson´s disease. A total of 9 lectures was imparted and a video session. Only one of the northamerican faculty members did not attend.

The second day was devoted to ataxia. Similarly 9 conferences were presented and a video session. The debate was focused on the differential diagnostic and epigenetic factors influencing the phenotype expression of the disease. This day the program confronted difficulties because the absence of several foreign speakers.

Plenary lectures

One plenary lecture opened the activities of each day. Wednesday 5th Prof. José A. Obeso talked about the achievements of the international cooperation with CIREN during 25 years. Thursday 6th Prof. Nathan Zasler, President of the International Brain Injury Association disserted on evidence based prognosis in traumatic brain injuries. Finally Friday 7th Prof. Randolph J. Nudo, Chief editor of Neurorehabilitation and Neural Repair explained the impact of neural plasticity on neurorehabilitation.

Symposia and specialized lectures

Twenty nine specialized symposia, covering the wide range of themes of the meeting were programmed. Most of them were introduced by a specialized lecture on the subject.

The tables show the topics developed in each session (within parenthesis the organizers)

Wednesday 5th

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| 9.30-13.00  Autismo  (Carmen Gottfried, Brasil y María Robinson, CIREN | 9.30-13.00  Neurociencias afectivas y cognitivas  (Keith Kendrick, USA y Elizabeth Fernández, CIREN) | 9.30-13.00  Cirugía de columna I  (Marcos Baabor, Chile e Iván García, CIREN) | 9.30-13.00  Epilepsia I  (Mario Alonso, México y Lilia Morales, CIREN) | 9.30-13.00  Demencia  (Juan Llibre, Cuba y Yordanka Ricardo, CIREN) |
| 14.00 17.30  Music and rehabilitation  (Mireille Besson, Francia y maría L. Bringas, CIREN) | 14.00 17.30  Gestión hospitalaria  (Betty Castro, CIREN y María Peña, CIREN) | 14.00 17.30  Cirugía de columna II  (Marcos Baabor, Chile e Iván García, CIREN) | 14.00 17.30  Epilepsia II  (Lilia Núñez, México y Margarita Báez, CIREN) | 14.00 17.30  Enfermedad cerebro-vascular  (Maykel López, CIREN y Mayda N. López, CIREN |

Thursday 6th

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| 9.30-13.00  EMT en restauración neurológica  (Elena Muñóz, España y Lázaro Gómez, CIREN) | 9.30-13.00  Lesiones raquimedulares  (José A. Cabrera, CIREN y Amado Díaz, CIREN) | 9.30-13.00  Neurorehab. en la infancia  (Carlos Maragoto, CIREN y Héctor Vera, CIREN) | 9.30-13.00  Epilepsia III  (Carlos Beas Zárate, México y Luisa Rocha, México) | 9.30-13.00  Neurorehab. Multifactorial  (Armando Sentmanat, CIREN y Alba E. Pérez, CIREN) |
| 14.00 17.30  Acquired brain injury  (Randolph J. Nudo, USA y Nathan Zasler, USA) | 14.00 17.30  IBRO Alumni symposium  (Susan Sara, Francia y Jorge Bergado, CIREN) | 14.00 17.30  Visual rehabilitation  (Bernhard Sabel, Alemania) | 14.00 17.30  Epilepsia IV  (Pietro Fagiolino, Uruguay y Bárbara Estupiñán, CIREN) | 14.00 17.30  Blood brain barrier  (María Deli, Hungría y Patricia Campos, México) |

Friday 7th

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| 9.30-13.00  VI Simposio de Ataxias Hereditarias  (Luis Velázquez, Cuba) | 9.30-13.00  Nuevas terapias  (Hermelinda Salgado, México e Ivette Fernández, CIREN) | 9.30-13.00  Affectivity in PD  (Ignacio Obeso, España y Enrique Casabona, CIREN) | 9.30-13.00  Cirugía functional en TM  (Nelson Quintanal, CIREN y Raúl Macías, CIREN) | 9.30-13.00  PD y enfermedades.  Degenerativas  (Mario Alvarez, CIREN e Ivón Pedroso,  CIREN) |
| 14.00-17.30  Neural plasticity. Basic Mech.  (Lourdes Lorigados, CIREN y William Almaguer, CIREN) | 14.00 17.30  Neuroethology  (Emanuel C. Mora, Cuba) | 14.00 17.30  Dolor neuropático  (Ricardo Valdés, CIREN y Lázaro Gómez, CIREN) | 14.00 17.30  Neuroimáge-nes  (Carlos Sánchez, CIREN, Maylén Carballo, CIREN | 14.00 17.30  TM en la infancia |

Poster

A total of 141 poster presentations were programmed.

Attendance

*Foreign delegates*

Number of countries: 25 Number of credited persons: 152

GERMANY 10,

ANGOLA 2

ARGENTINA 13

AUSTRIA 1

BOLIVIA 1

BRASIL 6

CANADA 5

CHILE 3

CHINA 2

COLOMBIA 3

DENMARK 2

SALVADOR 1

SPAIN 11

UNITED STATES 15

FRANCE 8

HOLLAND 2

HUNGARY 2

ISRAEL 3

ITALY 6

KUWAIT 1

MEXICO 50

POLAND 1

PUERTO RICO 1

RUSSIA 1

URUGUAY 2

Cuban participants Total: 236

CIREN: 131

Other institutions: 41

Invited persons:13

Session allowances 51

*Cultural and social activities*

Wednesday opening ceremony was followed by a concert by Schola Cantorum Coralina, one of the leading choral ensembles in the country. They offered a program which included sacral music as well as Cuban and Latin-American music.

On Thursday evening maestro Zenaida Romeu and her Camerata delighted the attendance with a brilliant selection of Cuban concert music.

The farewell dinner and party was performed on Friday evening at Restaurante El Bucan.