



International Society for Neurochemistry

Report for the Committee for Aid and Education in Neurochemistry (CAEN)

CATEGORY 2E: Support for the implementation of scientific / educational workshops and small schools

Name of the workshop: **Neuroscience Research and Brain Disorders in Africa**

Location: Faculty of Sciences, Mohammed V-Agdal University, Rabat, Morocco

Dates: June 13-14, 2013

The workshop was organized as satellite activity during The 11th SONA International Conference which took place in June 13-17, 2013, Rabat, Morocco

Organizers:

Khalid El Allali, Agronomy and Veterinary Institute of Rabat, Rabat, Morocco.

Meryem Alamy, Faculty of Sciences, Mohammed V-Agdal University, Rabat, Morocco

The conference was the 11th International Conference of The Society of Neuroscientists of Africa which took a place at the Rabat University from June 13th - 17th, 2013 under the global title: "Let us change the word by developing neuroscience research in Africa". The 11th SONA International Conference 2013 included 9 plenary lectures and 30 symposia/workshop sessions, as well as special round tables and poster sessions.

The major sponsors of SONA 2013 was The International Brain research Organization, The Mohammed V-Agdal University, CAEN-ISN, The French Embassy, The Italian Cultural Center of Rabat, The International French-Morocco Research Group in Neuroscience, The IBRO- World Women in Neuroscience Committee, The Science and Technology Academy of Sciences Hassan II, Morocco.

The final conference attendance was of 269 participants originating from 30 countries. SONA 2013 welcomed 19 countries from Africa with 57 participants from Morocco, 30 from Nigeria, 20 from South Africa, 10 from Kenya, 5 from Cameroon, 4 from Egypt, 3 from Ethiopia, 4 from Uganda, 4 from Congo, 2 from Senegal, 1 from Mauritania, 1 from Algeria, 1 from Niger, Burkina Faso: 1; Burundi: 1; Gambia: 1; Ghana: 1; Mali: 1; Zambia: 1 and South Soudan: 1.

The other participants were from Middle East (4), Europe (80), USA (26), Canada (6) and Latin America (4). The conference started in June 13 afternoon by an opening ceremony with a talk of the president of the conference, followed by those of the president of the university, the dean of the faculty of sciences and the general secretary of SONA. The opening plenary conference was given in June 13th by Pr Robert Horvitz (USA), the Nobel Prize Recipient, and the closing conference in June 17th by Pr Abdessalam El Khamlichi (Morocco), honorary president of the World Society of Neurosurgery.

The program of the conference included sessions on education and neuroscience research in Africa with a particular focus on African brain disorders and diseases. The sessions organized on neuroscience research in Africa and brain disorders concerned as proposed in the application form:

Session I: From Animals models of Neuroscience Research in Africa, to Ethical Issues with the participation from Africa of Pr Paul Manger (South Africa) with a talk on the understanding the evolution of large brains of African species and Pr Nilesh Patel (Kenya) who explained the behavioral phenotyping of Naked Mole Rat. This session included also the presentation of Pr. Daniel Masiga from Kenya on the At the front line of olfactory research in Africa.

The session II concerned Epilepsy in Africa with the epidemiological aspects explained by Pr Charles Newton (Kilifi University, Kenya) and surgical treatment of Epilepsy lecture given by Pr Abdessalam El Khamlichi (Service of Neurosurgery, Hospital of Specialties, Mohamed V- Souissi University, Rabat, Morocco). The neurocysticercosis as a preventable cause of epilepsy in Sub-Saharan Africa included a talk of Pr Athanase Milogo from Burkina Faso on the clinical presentations of neurocysticercosis, and that of Pr Georges Nsengiyumva from Burundi on the epidemiology of neurocysticercosis in Africa.

Session III on brain and infectious diseases in Africa involved from Africa Pr Jo Wilmshurst from South Africa with a talk on Neurology of HIV- infected children, Pr Eduardo Samo Gudo Jr. from Mozambique who explained how HTLV-1 infected T-cells promote multiple changes in cultured human astrocytes. The NeuroAids as neuroinfectious disease symposium included a talk of Pr. Jaye Assan from Gambia on the Assessment of Neurologic complications associated with HIV-2 infection in West Africa. The presentation of Pr. Jackie Hoare from South Africa on the Neuroimaging covered studies of HIV-clade C infected individuals in South Africa, followed by the presentation of Pr. Victor Mudenda from Zambia on Neuropathology of HIV clade C infected brain specimens in Zambia. Pr. Christopher Akolo from Nigeria talk was about HIV-1 infection and neurocognitive impairment in Nigeria. Pr. Dora Mbanya from Cameroon given a talk on laboratory findings in HIV-associated neurocognitive impairment in Yaounde, Cameroon, and Dr Noeline Nakasuja from Uganda explained the longitudinal neuropsychological tests used to measure performance during HIV infectious disease.

Session IV: Addiction to Khat and other substances was sponsored by IBRO and involved the following speakers:

Mustafa al'Absi (University of Minnesota, USA)
Abdul Mohammed (Karolinska Institut, Sweden)
Kalson M. Jama (University of Nairobi, Kenya)
Albert Wafula (University of Nairobi, Kenya)
Abed Al-Sameai (Taiz University, Sana'a University, Yemen)
Ayalu A. Reda (Haramaya University, Harare, Ethiopia)

Brain disorders and diseases workshop integrated also three symposia:

- **Junior women neuroscientists in Africa:** A sample from north, south, east and west Africa which included the presentation of Jacqueline Dimatelis from South Africa on Chronic exposure to light reversed the effects of early life trauma in a rat model of depression, and that of Hasna Lahouaoui from Morocco on Melanopsin expression is altered in a mouse model of diabetic retinopathy, followed by the talk of Funmi Olopade from Nigeria on The relationship between ventricular dilatation, neuropathological and neurobehavioural changes in hydrocephalic rats. Finally Nakasujja Noeline from Uganda gave a talk on longitudinal neuropsychological test performance in HIV.

- **The Moroccan Society of Neurology: Neurodegenerative diseases in Morocco** included 5 presentations. First of all, Pr. Mustapha El Aloui-Faris and Maria Benabdeljalil gave a talk about the Early-Onset dementia in the memory clinics of Rabat, followed by the presentation of Pr. Nadia El Kadmiri on the Clinical and genetic aspects of Moroccan patients with Alzheimer's diseases, then that of Pr. Chafiq Hicham on the Epidemiology and pathophysiology of Parkinson's disease and of Pr. Bouchra Kably on the Study of lateral sclerosis amyotrophy in Morocco and finally Pr. Fatiha Lahjouji gave a talk on the surgery of temporal epilepsy: study of 302 cases.

- **Multiple Sclerosis in Africa** which included the presentation of Pr. Rajiv Erasmus from South Africa on the epidemiology of multiple sclerosis in South Africa and possible link with impaired fatty acid metabolism, followed by that of Pr. Markus Kipp from Germany on Steroids in multiple sclerosis and possible significance for gender prevalence, then by Pr. Samir Ahboucha from Morocco on the role of neurosteroids in multiple sclerosis and finally by Pr. Susan J. Van Rensburg from South Africa on the Multiple Sclerosis and new therapeutic strategies.



Official picture of the 11th SONA International Conference

June 13-17, 2013, Rabat, Morocco

CAEN-ISN Workshop, June 14-15, 2013, Rabat, Morocco, Financial Report

Sponsors	Entry USD	Equivalent MAD	Expenses MAD	Total expenses	Total
CAEN-ISN	4790.00 exchange rate was of 8.45	40 315.20 Bank taxes: 178.2 MAD			
Travel tickets/transport					
Janse Van Resburg Susan (South Africa)			7186.00		
Erasmus Rajiv Timothy (South Africa)			7186.00		
Noeline Nakasuja (Uganda)			9726.00		
Funmi Olopade (Nigeria)			10 704.00		
George Nsengiyumva (Burundi)			15 873.00		
			50 675.00	50 675.00	50 675.00
Total subvention	Total expenses		Balance		
40 315.20 *	50 675.00*		- 10 359.8*		

CAEN-ISN sent 80% of the total fund agreed

Remaining 20% will be sent and cover the deficit of 10 359.8 MAD

*: amount in MAD (Morrocan Dirhams)

Bank Transfer

AVIS DE CREDIT

(Rapatriement)

Casablanca, le 07/05/2013

ASS DE VULGARISATION ET PROMOT
FAC DES SCIENCES MED V
AVENUE IBN BATOUTA AGDAL
RABAT

Nos Références : RPT01628734
Vos Références : Non communiquées

Donneur d'Ordre
INTERNATIONAL SOCIETY FOR NEUROCHEMISTRY INC 13 RUE THE CHANTEPOULET GENEVA SWAZILAND 1211 -

Messieurs,

Nous vous prions de noter que nous avons comptabilisé ce jour, à votre compte, l'opération ci-après :

Désignation	Montant	Cours	Montant en Dirhams
REGLEMENT			
Montant du rapatriement	USD 4 790.00		
Montant en devises cédé	USD 4 790.00	8.4537	40 493.40
COMMISSIONS & FRAIS HT			
Virement	MAD 150.00		150.00
Port de lettre	MAD 12.00		12.00
TOTAL COMMISSIONS & FRAIS HT			162.00
T.V.A			16.20
TOTAL COMMISSIONS & FRAIS TTC			178.20
TOTAL A VOTRE CREDIT			40 315.20

Motif de l'Opération et Informations Complémentaires

WORKSHOP NEURO RESEARCH SONA 2013 JUNE 2013 907.01 NONUSENT

A cet effet, nous CREDITONS votre compte :

Numéro de Compte	Montant	Date de Valeur	Libellé de l'Opération
0177 A 000304123	*****40 315.20	10/05/2013	RAPATRIEMENT : RPT01628734

Nous vous prions d'agréer, Messieurs, nos salutations distinguées.

Attijariwafa bank
Services et Traitements Clientèle
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Tél.: 54.54.54 - Fax : 47.64.29

Attijariwafa bank
Rabat Ibn Yassin

