



International Society of Neurochemistry (ISN)

Report for the ISN/Egypt School

ISN-CC

THEME: Genomics of neurodegenerative disorders

VENUE: Mansura, Egypt

DATES: January 14-16, 2016

ORGANIZERS:

Wael Mohamed, Menoufia Medical School, Egypt. Email address: wmy107@gmail.com

Mohamed Salama, Mansura Medical School, Egypt. Email address: toxicsalama@hotmail.com

LOCAL ORGANIZING COMMITTEE:

Mohamed Abdel Halim El Tantawy, Mohamed El Gamal

EVENT WEB SITE:

<http://www.goldenhelix.org/index.php/education/golden-helix-conferences/symposia/upcoming-symposium/222-2016-golden-helix-symposium-cairo-egypt#gallery>

SPONSORS:

The International Society of Neurochemistry (ISN), International Parkinson and Movement Disorders Society (MDS), Golden helix foundation the Biologists, the World Academy of Science (TWAS), and Mansura Experimental Research Center (MERC).

BACKGROUND OF THE SCHOOL

The school provided a 3-day comprehensive course (*for details please see attached the scheduled program*). The school was declared open by the organizers during an official opening ceremony with presence of the president of Mansura University and the Heads of local authorities and associations. The school started at the Ophthalmology center, Mansura University and MERC with three modules: Basic, Clinical and translational.

The first day schedule was dedicated to a workshop on neurobehavioral assessment of animal models followed by clinical development sessions as well as poster session

During the second day, students began to understand the concept of translational research with PD in focus. The day started with a series lectures on molecular neuroscience and translational research in neurodegenerative disorders ending with a formal dinner.

The third day was dedicated to clinical cases. The day started with a rapid tour at neurology department in Mansura teaching hospital with explanation of different cases and their treatment. Then a series of lectures on individualizing treatment in neurodegenerative disorders ending by closing remarks.

Besides the scientific and educational program, the school provided different social events that augmented communication and interaction between the faculty and the students from different countries. **First**, at the arrival to the hotel, a welcome party was offered with welcoming remarks of the organizers. Also during **Day 1** of the school, a trip to the Mediterranean Sea was organized with a special presentation of how the Mediterranean Sea meets the Nile River and its significance. At the end of this day, a special Gala dinner was provided at Hawaii Restaurant on a lovely terrace overlooking the Mediterranean Shore with entertainment provided by instrumental D-J. Furthermore, some faculty and students were moved earlier to Cairo to see Pyramids and we arranged for their transportation and secure their tour.

The evaluation of the School was made at two levels:

- Students did an evaluation of the activities at the end of each day by providing their impression of each lecture and activity.
- An evaluation by students and faculty by discussion on one-to-one bases

The results of these different evaluations show that there is an overall satisfaction of students and they commended the faculty for high quality teaching and appreciated the topics of the school; they were very satisfied by:

- 1) The various valuable lectures
- 2) The interaction with the speakers
- 3) The school gears design that include: a bag and a unique t-shirt
- 4) The venue itself.

The students declared that this meeting was very helpful for their own research projects and that they benefited from the different lectures and discussions with faculty. The faculty was also appreciative with lot of thankful notes

A page group was also created on the social network: Facebook; the page contains lot of pictures for various school activities

SCIENTIFI PROGRAM

Thursday, January 14th, 2016

08:30 - 09:30 DELEGATES REGISTRATION

Running Coffee and snacks

09:30 - 10:30 Pre-Symposium Workshop

Neurobehavioral Assessment of Animal Models (Medical Experimental Research Center [MERC]) Robert Deacon, Oxford, UK

- Theoretical background regarding neurobehavioral assessment
- Demo Video showing video tracking software
- Hands on training on animal models

Running Coffee Break

10:30-11:15: Official Ceremony

Welcome address:

Speakers:

MERC Director (Prof. Mohamed Sobh)

Dean of Mansoura School of Medicine (Prof. Elsaied Abdelhady)

Mansura University President (Prof. Mohamed El-Kennawy)

Golden Helix Representative (Prof. Geroqe Patrinos)

Conference chair (Dr. Wael Mohamed)

SESSION 1 CLINICAL DEVELOPMENTS IN NEURODEGENERATIVE DISORDERS (Abulnaga Hall)

Plenary Lecture I

11:15 - 12:00 Mohamed B Abou-Donia, (NC, USA) [Plenary Lecture]

Peripheral Biomarkers: A diagnostic tool for Brain Insults

12:00 - 12:30 Johan Holmberg (Sweden)

Control of Cellular Identity and Tumor Suppression in the Nervous System .

12:30 - 13:00 Samir Ahboucha, (Khouribga, Morocco)

Multiple Sclerosis: Any role for 5-HT

13:00 - 14:30 Lunch

14:30 - 15:00 Eman Khedr, (Assiut, Egypt)

Prevalence of PD in Arab Countries

15:00 - 15:30 Nouria LAKHDAR-GHAZAL, (Rabat, Morocco)

Neurotoxicity and Parkinson's disease

15:30-17:00 Poster Session

18:00 WELCOME COCKTAIL

Friday, January 15th, 2016

SESSION 2 Molecular Neuroscience (Abulnaga Hall)

09:00 - 09:45 Rudi Balling, (Luxembourg) [Plenary Lecture]

Putting PD on Map

09:45 - 10:15 Achilles Gravanis, (Athens, Greece)

From Evolution to Pharmacology of Neurotrophins: developing agonists for Neurotrophin Receptors

10:15 - 10:30 Ali Shalash, (Cairo, Egypt)

Wilson's disease in Egypt: Clinical and Genetic Aspects

10:30-11:00 Toshi Yamashita, (Japan)

Mechanisms of neural network reorganization under neurodegenerative disorders

11:00 - 11:20 Magd Zakareya (Cairo, Egypt)

Smoke & Mirrors in Clinical Trials of MS

11:20 - 12:30 COFFEE BREAK and Prayer

12:30 - 13:00 George P. Patrinos, (Petras, Greece)

The genomic basis of amyotrophic lateral sclerosis: Insights from Whole Genome Sequencing

13:00 - 13:30 Ahmed Gaber, (Cairo, Egypt)

Neuronal Ceroid Lipofuscinosis; New Egyptian Mutations

13:30 - 14:30 LUNCH BREAK

SESSION 3 TRANSLATIONAL RESEARCH IN NEURODEGENERATIVE DISORDERS (Abulnaga Hall)

14:30 - 15:00 Robert Deacon (Oxford, UK)

Using rats and mice in genetic behavior research

15:00 - 15:30 Yasmine Taalab (Mansoura, Egypt)

What can SNPs tell us about drug abuse?

15:30- 16:00 Fathi Afifi (Cairo, Egypt)

Step stages in PD

16:00 - 16:15 Passant El-Kafrawy, (Cairo, Egypt)

Bioinformatics of PD

16:15 - 16:30 Mohamed Salama (Egypt)

Translational Neuroscience in Egypt, where do we stand?

20 :00 FORMAL DINNER (By invitation only) (Steak Out Grill)

EVENING FREE (For delegates)

Saturday, January 16th, 2016

SESSION 4 INDIVIDUALIZING TREATMENT IN NEUROPSYCHIATRIC DISORDERS (Abulnaga Hall)

09:00 - 09:20 Basem Awad, (Mansoura, Egypt)

The sympathetic nervous system and phrenic intercostal neuronal interconnectivity mediates respiratory recovery following cervical cord injury

09:20 - 09:40 Vita Dolzan, (Slovenia)

Pharmacogenomics of schizophrenia

09:40- 10:00 Hussein Sheashaa (Mansoura, Egypt)

Pharmacogenomics of immunosuppression, where do we stand?

10:00 - 10:30 COFFEE BREAK

10:30 - 11:15 Samir Ahboucha, (Khouribga, Morocco)

Hepatic Encephalopathy: Alzheimer type II Astrocytosis

11:15- 11:30 **Farha El-shennawy** (Mansoura, Egypt)

Immunogenetics of autism

11:30-11:45 **Waleed El-Dars** (Mansoura, Egypt)

Autophagy; pros and cons in neurodegenerative disorders

11:45-12:15 **Toshi Yamashita**, (Japan)

Neuro-immune interactions in the central nervous system

12:15 - 12:30 **Closing Remarks and Future Meetings**

14:00 Workshop about New advances in Teaching (UNC, Mansoura University)

STUDENTS DEMOGRAPHIC

Most of the attendants come from different parts of Egypt as we provided buses for transportation from main Egyptian cities. We did have one from Nigeria and 2 attendants from Greece



International Society of Neurochemistry (ISN)

FACULTIES & INSTRUCTORS

Name	Country	E mail
Robert Deacon	UK	robert.deacon@psy.ox.ac.uk
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Vita Dolzan	Slovenia	vita.dolzan@mf.uni-lj.si



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STUDENTS ATTENDANTS

<i>First name</i>	<i>Surname</i>	<i>Country</i>	<i>Email</i>
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Noha	Mahrous	Egypt	drnona@windowslive.com

DETAILED BUDGET:

Name/Flight Ticket	Country	Ticket Price in US\$	Source
Robert Deacon	UK	900	ISN-CC
Samir Ahboucha	Morocco	800	ISN-CC
Rudi Balling	Luxemburg	800	ISN-CC
Achilles Gravanis	Greece	800	ISN-CC
Toshi Yamashita	Japan	1500	ISN-CC
George Patrinos	Greece	800	ISN-CC
Johan Holmberg	Sweden	900	ISN-CC
Joyce Tombran-Tink	USA	1300	ISN-CC
Nouria Lakhdar-Ghazal	Morocco	800	ISN-CC
Vita Dolzan	Slovenia	900	ISN-CC
Total cost	ISN-CC		9,500

Miscellaneous Items	Cost in US\$	Source
Accommodation for International Speakers	5,000 (2500 ISN & 2500 MDS)	ISN-CC / MDS
Local transportation & Car rental	3000	MDS
Experimental Materials	4,000	MDS
Publications, Administrative work and Audio-visuals:	2,000	PENDING
Culture tour	2,000	PENDING
Food & Beverages: Coffee break, Lunch, Dinner	5,000	PENDING

Bank transfer Fees	5,00	MDS
Subtotal	2500	ISN-CC
	10,000	MDS
	9,000	PENDING
Total	21,500	

Item description/ISN-JNC	Cost in US\$	Source
Accommodation for Mohamed Abou donia	1000	ISN-JNC
Mohamed B Abou donia air ticket from USA	1800	ISN-JNC
Car rental	700	ISN-JNC
Bank transfer Fees	5,00	ISN-JNC
Total	4,000	ISN-JNC

EXPENSES: Total: 35,000 USD

Air tickets for international speakers: 11,300 USD

Local Transportation: 3,700 USD

Accommodation: 6,000 USD

Lunch, Dinner & Coffee break: 5,000 USD

Culture tour: 2,000 USD

Publications, Administrative work and Audio-visuals: 2,000 USD

Experimental materials: 4,000 USD

Bank transfer: 1,000 USD

RECEIVED: Total: 26,000 USD

12,000 USD ISN-CC

4,000 USD ISN/JNC Lectureships

10,000 MDS

PENDING (upon report approval): Total: 9,000 USD

3,000 USD ISN-CC

1,000 USD ISN/JNC Lectureships

5,000 USD TWAS

EVENT PHOTOS:

<http://www.goldenhelix.org/index.php/education/golden-helix-conferences/symposia/upcoming-symposium/222-2016-golden-helix-symposium-cairo-egypt#gallery>



All participants in this African school neuroscience warmly thank the ISN-CC for its support

“The organization had proof of sincere engagement, efficacy and coordination are some one of multiples qualities. The session like this is real occasion for me to get new skills and up date my knowledge” (Anonyms student comment)



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