



Third N€uroMed Lecture

Cardiovascular Neuroscience: Invasive & Non-Invasive Approaches to Studying Sympathetic Function in Health & Disease

Prof. Vaughan Macefield

School of Medicine, University of Western Sydney,
Locked Bag 1797, Penrith NSW 2751, Sydney, Australia

20-24 February 2011

Biotechnology Research Center

In collaboration with

Faculty of Science

Suez Canal University

Ismailia, Egypt

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www.neuromedproject.eu



بسم الله الرحمن الرحيم

السيد الأستاذ الدكتور / نائب رئيس الجامعة للدراسات العليا والبحوث

تحية طيبة و بعد ،،،

نحيط سيادتكم علماً بأن مركز بحوث التقنية الحيوية بجامعة قناة السويس سيقوم باستضافة Prof. Dr. Vaughan Macefield ، أستاذ علم الأعصاب القلبي الوعائي بكلية الطب بجامعة سيدني باستراليا ، لإلقاء سلسلة من المحاضرات العلمية الهامة عن الإكتشافات العلمية الحديثة في هذا المجال التطبيقي الهام ، في خلال الفترة من ٢١ فبراير ٢٠١١ إلى ٢٣ فبراير ٢٠١١ ، بناءً على دعوة رسمية من السيدة الدكتور / ميران خليل رخا ، الممثل الرسمي لجامعة قناة السويس في المشروع الدولي NEUROMED ، التابع لبرنامج تمويل المشروعات البحثية الدولية FP7 ، ونظراً للمكانة العلمية البارزة والتميزة للضيف ، وحيث أن هذا الحدث العلمي الهام سنوف يحضره لفيق من الأساتذة الجامعيين والباحثين من كليات الطب والعلوم من الجامعات المصرية المختلفة ، فنرجو من سيادتكم التكرم بالإعلان رسمياً عن هذا الحدث العلمي الهام في كلية الطب البشرى (أقسام Physiology ، Cardiology ، Neurology) ، وكلية العلوم (قسم Zoology) ، ومرفق طيه : Call for NEUROMED Event : Application Form for NEUROMED Event

وتفضلوا سيادتكم بقبول وافر الشكر وفائق الإحترام ،،،

مقدمه لسيادتكم

أ.د. فؤاد حسن محمد

مدير مركز بحوث التقنية الحيوية

بإدارة الأستاذ الدكتور
يوسف حسن سونق



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CALL FOR NEUROMED EVENT

Cardiovascular Neuroscience: Invasive and Non-Invasive Approaches to Studying Sympathetic Function in Health and Disease

Prof. Dr. Vaughan MACEFIELD
School of Medicine, University of Western Sydney, Locked Bag 1797, Penrith NSW 2751,
Sydney, Australia

Biotechnology Research Center, Suez Canal University, Ismailia 41522, EGYPT

(21-23 February 2011)

Deadline: 21st January 2011

We are very pleased to invite you to submit your application to participate in our upcoming very special event of the NEUROMED Project (kindly, visit the website: www.neuromedproject.eu).

We are going to host Professor Vaughan Macefield, who specializes in recording from single nerve fibres via tungsten microelectrodes inserted into the peripheral nerves of awake human subjects, and is known internationally as a world expert in recording the firing properties of human sympathetic neurones in health and disease, and has established the International Society for Microneurography. He is also known internationally as a leading investigator in human sensorimotor control. In 1996, he was awarded the \$10,000 Sunderland Award for "Excellence in Sensorimotor Biology".

For the last seven years, Prof. Macefield has been examining the changes in control of the autonomic nervous system following human spinal cord injury, extending his research into the study of pain and its effects on the autonomic and somatic nervous systems, using brain imaging techniques (fMRI) to study the processing of pain. For more details, please visit his official website:

(www.uws.edu.au/medicine/som/key_people/professor_vaughan_macefield).

During our special 3-day event, Prof. Macefield will give a consecutive series of valuable scientific lectures concentrating on the: Recent Advances in Invasive and Non-Invasive Approaches to Studying Sympathetic Function in Health and Disease.

The event will also cover Two Practical Workshops on how to record from (or stimulate) individual nerve fibres via tungsten microelectrodes inserted percutaneously into the peripheral nerves of awake human subjects (microneurography). This is technically demanding, with a relatively low experimental yield. Yet, Prof. Macefield has persisted in this approach because it can be applied clinically, complements work conducted in anaesthetized experimental animals, and can answer questions that cannot be addressed in reduced anaesthetized preparations.

Target Audience:

- Neuroscientists.
- Cardiologists.
- Physiologists
- Neurologists.



How to Apply?

To apply, please provide us with the following:

- Filled application form.
- Payment of the event fees (150 L.E.), which include participation in all the event activities, coffee breaks, and a certificate of attendance.

Filled applications must be sent to Dr. Miran Rakha, no later than 21st January 2011 by:

Email: mirankhalil@hotmail.com

Fax: +2 064 3200452

Payment of the Event Fees:

Kindly, the payment of the event fees must be no later than 21st January 2011 directly to:

Dr. Miran Rakha
Representative of SCU in NEUROMED Project
Biotechnology Research Center (BRC)
Suez Canal University (SCU)
Ismailia 41522, Egypt

Mobile Phone: +2 012 8907548



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NEUROMED EVENT APPLICATION FORM

Date of the Application:

Full Name of the Applicant:	
University/Institute:	
Faculty/Center:	
Department/Division:	
Current Profession:	
Address of Work:	
City of Residence:	
E-mail Address:	
Phone Number:	
Fax Number:	

Signature of the Applicant: