

12th Symposium of vascular Neuroeffector Mechanisms

Monday 26 July

Session V: *Obesity, blood vessels and metabolic syndrome*

Chair: Matthias Barton, Switzerland

- 8:00am - 8:15am: *Overview of the field* (Matthias Barton, Switzerland)
8:15am - 8:40am: *Obesity, blood vessels and metabolic syndrome*
(Carmine Cardillo, Italy)
8:40am - 9:05am: *Vasculoprotectin and endothelin B receptors in diabetes*
(Adviye Ergul, USA)
9:05am - 9:20am: Presentation based on abstract
9:20am - 9:35am: Presentation based on abstract
9:35am - 10:00am: *Protective effects of adiponectin against vascular dysfunction
in obesity and diabetes: molecular mechanisms and clinical
implication* (Aimin Xu, China)

10:00am - 10:30am **Coffee Break**

Session VI: *Sex and Neuroeffector Mechanisms.*

Chair: Virginia Miller, USA

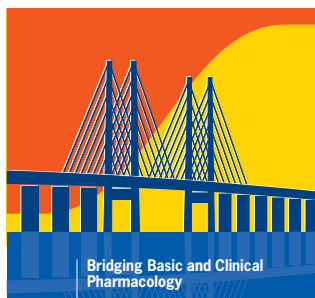
- 10:30am - 10:45am: *Overview of the field* (Virginia Miller, USA)
10:45am - 11:10am: *Polymorphisms in Sex Steroid Metabolizing Enzymes and
Receptors: Associations with Vasomotor Symptoms*
(Carolyn J Crandall, USA)
11:10am - 11:35am: *Sex differences in stroke* (Louise McCullough, USA)
11:35am - 11:50am: Presentation based on abstract
11:50am - 12:05pm: Presentation based on abstract
12:05pm - 12:30pm: *The 5-HT system and cardiovascular risk* (Meir Steiner, Canada)

Closing remarks by Pernille B. Hansen, Denmark

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July 24-26, 2010
Odense, Denmark

www.vnm2010.org



Please find further details on
www.WorldPharma2010.org

12th Symposium of vascular Neuroeffector Mechanisms

Friday 23 July

Arrival in Odense
5:00pm - 8:00 pm

Registration

Saturday 24 July

08:00am - 10:00am
10:00am - 10:05am
10:05am - 11:00am

Registration, coffee, poster mounting
Welcome (Pernille B. Hansen, Denmark)
Plenary lecture: Mechanisms of Cerebrovascular Protection: Estrogen, Inflammation and Mitochondria
(Sue P. Duckles, USA)

Session I: Ions and vascular tone.

Chair: Christian Aalkjær, Denmark

11:00am - 11:15am *Overview of the field* (Christian Aalkjær, Denmark)
11:15am - 11:40am *Calcium sensing receptors* (Arthur Weston, UK)
11:40am - 12:05pm *TRP channels and vascular tone* (Joe Brayden, USA)
12:05pm - 12:20pm Presentation based on abstract
12:20pm - 12:35pm Presentation based on abstract
12:35pm - 1:00pm *SK and IK channels in health and disease*
(Ralph Köhler, Denmark.)

1:00pm - 2:00pm

Lunch

Session II: Cerebral circulation.

Chair: Tony Lee, Taiwan

2:00pm - 2:15pm *Overview of the field* (Tony Lee, Taiwan)
2:15pm - 2:40pm *Local estrogenic/androgenic balance in the cerebral vasculature* (Diana Krause, USA)
2:40pm - 3:05pm *The neurovascular unit in brain function and disease*
(Clotilde Lecrux, Canada)
3:05pm - 3:20pm Presentation based on abstract
3:20pm - 3:35pm Presentation based on abstract
3:35pm - 4:00pm *Involvement of receptor upregulation in cerebrovascular disease* (Lars Edvinsson, Sweden)
4:00pm - 6:00pm **Poster session I** (Posters will be available for viewing all day with scheduled time for discussion in the afternoon)

Sunday 25 July

Session III: Vasodilator sensory nerves.

Chair: Jo G. R. De Mey, Netherlands

8:00am - 8:15am *Overview of the field* (Jo G. R. De Mey, Netherlands)
8:15am - 8:40am *Mechanisms involved in neurogenic vasodilatation*
(Sue Brain, UK)
8:40am - 9:05am *Role of CGRP peptides in vascular adaptation to pregnancy*
(Chandra Yallampalli, USA)
9:05am - 9:20am Presentation based on abstract
9:20am - 9:35am Presentation based on abstract
9:35am - 10:00am *Counter regulatory mechanism in hypertension*
(Donna Wang, USA)

10:00am - 10:30am

Coffee Break

Session IV: Paracrine control of vascular innervation

Chair: Debbie Damon, USA

10:30am - 10:45am *Overview of the field* (Debbie Damon, USA)
10:45am - 11:10am *Paracrine modulation of perivascular innervation*
(Hiromu Kawasaki, Japan)
11:10am - 11:35am *NO modulation of sympathetic neurovascular transmission*
(Heather Macarthur, USA)
11:35am - 11:50am: Presentation based on abstract
11:50am - 12:05am: Presentation based on abstract
12:05am - 12:30am *Paracrine control of vascular innervation in health and disease*
(Erik Storkebaum, Belgium)

12:30pm - 2:00pm:

Lunch

2:00pm - 4:00pm

Poster session II (Posters will be available for viewing all day with scheduled time for discussion in the afternoon)

4:00pm - 5:00pm

Plenary lecture: Roles of gaseous mediators in hypoxic vasodilation in cerebral microcirculation (Makato Suematsu, Japan)

5.30pm - 10:00pm

Excursion and dinner, Egeskov Castle