

Authors:

Gade, Anders; Senior lecturer, Copenhagen: Introduction to "serotonin and the social brain".

Knudsen, Gitte Moos; Copenhagen: Neuroimaging studies of serotonergic transmitter system in the normal human brain and in neuropsychiatric disorders.

Knorr, Ulla; Copenhagen: SSRI-treatment of normal subjects at risk of depressive disorder: Clinical experiences and effects on HPA-reactivity, cognition and personality measures.

Zornhagen, Gry; Copenhagen: Social cognition in adults – measures and preliminary serotonergic correlations
Hartwig Siebner, Copenhagen: Mapping the contribution of 5-HT_{2A} neurotransmission to risk avoidance and emotional processing.

Øfsti, Linn; Norway & Copenhagen: Decision making and the Iowa gambling Task – are there effects of serotonergic downregulation (MDMA-abuse) or SSRI-treatment.

S - 4

NEUROPSYCHOLOGICAL ASPECTS OF PAIN

Laura Petrini (organizer)

The human pain experience is a multidimensional experience manifesting sensory-discriminative, cognitive-evaluative, and affective-motivational components, resulting in the pain system being one of the most complex of the human perception systems. This symposium addresses the topic of how these components are integrated by the pain system. The speakers will discuss experimental studies conducted at the Center for Sensory-Motor Interaction, Aalborg University. These studies are mainly based on three phenomena: (a) graphesthesia; (b) mirror and (c) thermal grill illusions. The findings can be of a help in developing new effective treatments plans for pain patients.

Authors:

Mørch, Carsten Dahl; PhD, Aalborg: The phenomenon of graphesthesia in the nociceptive system.

Christoffersen, Giselle; cand.psych. Aalborg: Psychological factors involved in the mirror box illusion.

Petrini; Laura; PhD, Aalborg: The role of sensory and perceptual integration in the thermal grill illusion.