



S i N A P S A

SLOVENSKO DRUŠTVO ZA NEVROZNANOST
SLOVENIAN NEUROSCIENCE ASSOCIATION

Sinapsa invites you to the neuroscientific seminar:

Shaping male and female brains:
Mechanisms of gender specific differences in brain development

Until recently it was generally believed that the differences between female and male brains are influenced solely by the pre- and postnatal exposure to sex hormones. However, recent research shows that certain differences are caused by the expression of genes in the sex chromosomes. **Prof. dr. Gregor Majdič** (Veterinary Faculty, University of Ljubljana; Faculty of Medicine, University of Maribor) will present the latest research on the topic of gender specific brain development.

Effects of rearing in isolation on the social behaviour of mice

Social isolation has various negative consequences on human and animal behaviour. In her brief talk **Jasmina Kerčmar** (student at Veterinary Faculty, University of Ljubljana) will present research findings of isolation rearing on mouse social recognition, a very important behaviour for appropriate development of social structures within groups of mice. Mouse social recognition is also considered a model behaviour for autistic spectrum disorder studies in humans.

Moderator: **prof. dr. Marko Živin**

When:

June 9, 2010, 18.00 - 20.00

Where:

**Lecture room at the Institute of Pathophysiology, Zaloška 4
Ljubljana**

Due to the presence of foreign guests, the seminar will be held in English.