

## **Neuropharmacology I: Transmitter Systems**

(VU3; 042001; Kernfach Neuroscience)

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The course **Neuropharmacology I** will take place from **Nov. 3rd to 7th 2008** (Mo. to Fr.). We start at 9 a.m. each day and finish around 5 p.m..

The course will take place in the labs of the Dept. Pharmacology, Peter-Mayr-Str. **1A**.

The aim of the course is to gain theoretical and practical (hands on) insight into transmitter systems:

### **Practical Work**

- 1. Immunocytochemistry**
- 2. In-situ hybridization**
- 3. Receptor binding**
- 5. Microscopy and computer aided evaluation**

### **Lecture topics**

- 1. Neurotransmitters and -modulators (biosynthesis, transport, release)**
- 2. Receptors (classes, signalling, second messengers)**
- 3. Drug targets**

Due to **limited lab space** we have to restrict the number of students to 5.  
If you want to participate, please contact [Schwarzer.christoph@i-med.ac.at](mailto:Schwarzer.christoph@i-med.ac.at)