

COLLOQUIA IN MEMBRANE TRANSPORT

Impromptu-Seminar

Venue: Medical University Vienna, Center for Physiology and Pharmacology,
Institute of Pharmacology, Waehringerstrasse 13a, 1090 Vienna, "**Leseraum**".

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Friday 30.08.2013 14:00 s.t. **Elisabeth Binder** (host: H. Sitte)
Max Planck Institute of Psychiatry
Kraepelinstrasse 2
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***"Genetics of mood and anxiety disorders:
The need for new approaches?"***

Elisabeth Binder (binder@mpipsykl.mpg.de)

Abstract.

The risk for mood and anxiety disorders is determined by a combination of genetic and environmental factors. Up to now, the vast majority of genetic studies for these disorders have been restricted to cases/control associations. From these first studies, I will present results implicating the branched-chain amino acid transporter SLC6A15 in the pathogenesis of depression. The second part of the presentation will focus on gene x environment interactions as major factors in the the genetic of mood and anxiety disorders, using the co-chaperone FKBP5 as an example for which we now have an indepth understanding of these interactions on the molecular level.