



# The 1st International Symposium of Center for Advanced Research and Education

*“The Role of Tryptophan Metabolisms in Brain Functions and Diseases”*



## The date and Place:

Date: December 17, 2012.

Venue: Center for Advanced Research and Education 3F, Asahikawa Medical University  
Asahikawa 078-8510, Japan.

## Language: English

1. 15:00~15:05 **Opening remarks**
2. 15:05~15:30 **O. Takikawa** (National Center for Geriatrics and Gerontology, Japan)  
“The pathological role of IDO-mediated tryptophan metabolism in  
Alzheimer’s disease”
3. 15:30~15:55 **H. Funakoshi** (Asahikawa Medical University, Japan)  
“The role of Tryptophan 2,3-dioxygenase in higher brain functions”
4. 16:00~16:45 **M. Platten** (Neurology, University Hospital Heidelberg, Germany)  
“Control of CNS autoimmunity and tumor immunity by  
tryptophan catabolism: new developments and clinical implications”
5. 16:45~16:50 **Closing remarks**

## Reference

**Lancet Oncol.**, 13(7):707-15, 2012; **Nature**, 478(7368):197-203, 2011; **Proc Natl Acad Sci USA**,  
106(35): 14948-53, 2009; **Stem Cells** 27(4):909-19, 2009; **Science**, 310(5749):850-5, 2005;  
**Nat. Med**,11(3):252-3, 2005.

## Organizer

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