



## **DNC Seminar**

### **“ IMMUNE RECOGNITION OF THE CNS ”**

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professor, Ph.d.  
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**Wednesday 4th of May**  
**14.30-15.30**

Palle Juul-Jensen Auditorium,  
Building 10G, Århus Sygehus, NBG

#### ***SYNOPSIS:***

The EAE model for multiple sclerosis is induced in mice by T cells that recognize myelin antigens. To enter the CNS, T cells interact with cells in perivascular space, then breach the glia limitans, after which microglia induce them to secrete cytokines. Transfer to mice of aquaporin-4-specific antibody from Neuromyelitis Optica, with complement, leads to loss of glia limitans integrity, T cell infiltration, and demyelination. Data will be presented for all these aspects.

**ALL ARE WELCOME**  
**DNC offers refreshments afterwards**

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