

# Bonn Lecture Series in Neuroscience



Brain state dependence of pathological activity in temporal lobe epilepsy

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Wednesday, June 7<sup>th</sup> 2017, 16:00h  
Department of Epileptology,  
Seminar Room, Life & Brain

We are very pleased to invite you to the inaugural talk of Dr. Laura Ewell, who is the recent recipient of a highly competitive Freigeist Group of the VW Foundation, and has started her work in Bonn in March 2017. Her work focuses on the network mechanisms that underlie pathological activity patterns in temporal lobe epilepsy, and how those abnormal patterns disrupt memory processing in the hippocampus. To this end, she combines *in-vivo* single unit recording and memory behavioral tasks in a model for temporal lobe epilepsy to gain insight into both network dysfunction during memory processing and the mechanisms for spontaneous seizure generation.

All attendees are cordially invited to a wine and fingerfood reception following the talk.