



## **Sino-German-Symposium**

**Behavioral neuroscience of addictive disorders – from  
the molecular basis to the behavioral level**

**September, 17<sup>th</sup> – 22<sup>th</sup>, 2014**

**Department of Psychology I  
University of Würzburg  
Marcusstr. 9-11**

**Wednesday, September 17<sup>th</sup>, 2014**

**- Arrival -**

<b>7.00 pm</b>	<b>Informal get together</b> Restaurant "Ratskeller"	<a href="http://www.wuerzburger-ratskeller.de/">http://www.wuerzburger-ratskeller.de/</a>
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**Thursday, September 18<sup>th</sup>, 2014**

**- Symposium -**

<b>9.30 am</b>	<b>Official welcome</b>	<i>Address of the President of the University</i>	Prof. Dr. Alfred Forchel
		<i>Address of the Director of the Institute</i>	Prof. Dr. Paul Pauli
		<i>Address of the Organizers</i>	Prof. Dr. Nan Sui Prof. Dr. Paul Pauli
<b>9.45 am</b>	<b>Drug vs. non-drug addictions</b>	<i>What makes internet addicts continue playing online even when faced by severe negative consequences</i>	Guangheng Dong
		<i>Sex addiction – Neural insights from a cue reactivity paradigm</i>	Rudolf Stark
<b>10.45 am</b>	<b>Coffee break</b>		
<b>11.00 am</b>	<b>Drug vs. non-drug addictions</b>	<i>Electrophysiological correlates of reward processing in sensation seeking and internet addiction</i>	Xun Liu
		<i>What makes a behavior addictive? The neurobiology of pathological gambling</i>	Nina Romanczuk-Seiferth
		<i>Neural mechanisms in pathological gambling: Evidence from event-related potentials.</i>	Johannes Hewig
<b>12.30 pm</b>	<b>Lunch</b>		

1.45 pm	<b>Impulse control and cognitive functioning in addictive behaviors</b>	<i>A comparison of neurocognitive mechanisms between heroin dependence and pathological gambling</i>	Nan Sui
		<i>Emotion regulation in addicted smokers</i>	Lingdan Wu
2.45 pm	<b>Coffee break</b>		
4.00 pm	<b>Guided tour</b>	<b>Residenz</b>	<a href="http://www.residenz-wuerzburg.de/englisch/residenz/index.htm">http://www.residenz-wuerzburg.de/englisch/residenz/index.htm</a>
7.00 pm	<b>Individual dinner</b>		

## Friday, September 19<sup>th</sup>, 2014

### - Symposium -

9.30 am	<b>Molecular and cellular mechanisms of addiction</b>	<i>Changes in functional connectivity, volume, and neurobiochemistry during the first 14 days after alcohol withdrawal</i>	Gabriele Ende
		<i>Glutamate homeostasis and synaptic plasticity in drug addiction</i>	Haowei Shen
10.30 am	<b>Coffee break</b>		
10.45 am	<b>Molecular and cellular mechanisms of addiction</b>	<i>Serotonergic systems adaptations as a key for the transition from drug use to addiction</i>	Christian Müller
		<i>Individual differences in acute responses to psychotropic drugs</i>	Jürgen Deckert
11.45 am	<b>Lunch</b>		

1.00 pm	<b>Cue-reactivity and functional connectivity</b>	<i>Cue-reactivity in addiction</i>	Sabine Vollstädt-Klein
		<i>Neural basis of nicotine addiction as revealed by multiple neuroimaging approaches</i>	Xiaochu Zhang
		<i>Motivational properties of smoking-stimuli from different stages of the intake ritual</i>	Markus Winkler
2.30 pm	<b>Coffee break</b>		
3.00 pm	<b>Visit of the CAVE virtual reality lab</b>	<i>Virtual reality as a tool for extinction and exposure</i>	Paul Pauli
7.00 pm	<b>Dinner</b>	Restaurant "Bürgerspital"	<a href="http://www.buergerspital.de/wineestate/">http://www.buergerspital.de/wineestate/</a>

**Saturday, September 20<sup>th</sup>, 2014**

**- Symposium -**

9.30 am	<b>Context and/or stress induced relapse to drug seeking</b>	<i>Orexins act in the paraventricular nucleus of the thalamus to modulate morphine addiction</i>	Yonghui Li
		<i>Actin polymerization-dependent increase in synaptic Arc/Arg3.1 expression in the amygdala is crucial for the expression of aversive memory associated with drug withdrawal</i>	Jinggen Liu
10.30 am	<b>Coffee break</b>		
10.45 am	<b>Context and/or stress induced relapse to drug seeking</b>	<i>The alcohol deprivation effect – an animal model for studying relapse behavior.</i>	Valentina Vengeliene
		<i>The role of glutamatergic projections from the entorhinal cortex to the dentate gyrus in context-induced reinstatement of heroin seeking</i>	Cailian Cui

11.45 am	<b>Lunch</b>		
1.00 pm	<b>Modern approaches to addiction treatment</b>	<i>Cognitive enhancers as a potential anti-addiction target</i>	Wenhua Zhou
		<i>Brain stimulation procedures as a novel approach to reduce alcohol craving</i>	Martin Herrmann
2.00 pm	<b>Coffee break</b>		
2.15 pm	<b>Modern approaches to addiction treatment</b>	<i>Learning and cognitive control processes in addiction: implications for psychotherapeutic interventions</i>	Sabine Löber
		<i>Non-invasive brain stimulation - a modern approach to improved nicotine therapy</i>	Andreas Fallgatter
3.15 pm	<b>Coffee break</b>		
3.30 pm	<b>Roundtable discussion</b>		
5.00 pm	<b>Farewell</b>		

## Sunday, September 21<sup>th</sup>, 2014

### - Excursion –

<b>Day trip</b>	<b>Excursion</b>	Rothenburg ob der Tauber	<a href="http://www.tourismus.rothenburg.de/index.php?id=809">http://www.tourismus.rothenburg.de/index.php?id=809</a>
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## Monday, September 22<sup>th</sup>, 2014

### - Departure –