

# IRTG – Basics Bioinformatics

**November 29th, 2019**

Weihenstephaner Berg 1

85354 Freising

Room O.09

## AGENDA (tentative - subject to modifications)

<b>November 29th, 2019</b>		
<b>08:30 - 08:45</b>	Introduction	<b>Martin Klingenspor</b>
<b>08:45 - 09:30</b>	Mouse Genetics and Husbandry: How to generate preclinical cancer models	<b>Klaus Peter Janssen</b>
<b>09:30 - 10:15</b>	CRISPR/Cas Systems for Genome Editing and Cancer Modelling	<b>Markus Tschurtschentaler</b>
<b>10:15 - 10:45</b>	Coffee and Discussion	
<b>10:45 - 11:30</b>	Disease models investigating immunology – focus on allergy research	<b>Miriam Hils</b>
<b>11:30 - 12:15</b>	Genetically Modified Animals: Difference between Mice and Pigs	<b>Angelika Schnieke</b>
<b>12:15 - 12:30</b>	Discussion	
<b>12:30 - 13:15</b>	Lunch	
<b>13:15 - 14:00</b>	The Impact of Biological Clocks and Chronobiology: What to consider when phenotyping animal models	<b>Silke Kiessling</b>
<b>14:00 - 14:45</b>	Mammalian Thermoregulation and the Relevance of Thermoneutral Temperature in Animal Studies	<b>Martin Klingenspor</b>
<b>14:45 - 15:15</b>	Coffee and Discussion	
<b>15:15 - 16:00</b>	Generation of Germfree Mice	<b>Marijana Basic</b>
<b>16:00 - 16:45</b>	Minimal Bacterial Consortia - How to get the gut microbiota under control	<b>Bärbel Stecher</b>
<b>16:45 - 17:15</b>	Final Discussion	