

## DETAILED PROGRAM

**09:15**      **Welcome**

**09:30**      **Oral Session I: Neurophysiology**

O-01 Moritz Lindner (Marburg)

*Expression and localization of Kcne2 in the vertebrate retina*

O-02 Iron Weichard (Leipzig)

*Vesicle recruitment is not accelerated during LTP at neocortical layer 5 pyramidal neurons*

O-03 Laura Lindner (Marburg)

*Phosphoinositide effector proteins in hair cells of the mouse organ of Corti*

**10:30**      **Coffee Break**

**10:50**      **Oral Session II: Tissue physiology**

O-04 Samuel Young (Münster)

*The (patho)physiology of CatSper Ca<sup>2+</sup> channels in human sperm*

O-05 Alexander Perniss (Gießen)

*Non-Neuronal Acetylcholine Released by Tracheal Solitary Cholinergic Chemosensory Cells Activates Mucociliary Clearance in the Murine Trachea*

O-06 Markus Vogt (Göttingen)

*Direct optogenetic stimulation of smooth muscle cells to control gastric contractility*

**11:50**      **Coffee Break**

**12:10**      **Career Lecture: Matthew Gillum (Copenhagen)**

**13:00**      **Lunch Break**

**13:45 Oral Session III: Teaching**

O-07 Robert Patejdl (Rostock)

*The last shall be first: A case for physiologists as educational researchers*

O-08 Tobias Heinrich (Hamburg)

*Interdisciplinary course on peripheral vascular physiology: oscillatory pulse wave diagnostics and impedance venous occlusion plethysmography*

**14:30 Coffee Break**

**14:50 Posterblitz**

**15:00 Poster session**

Poster Session A: Neurophysiology

Poster Session B: Tissue Physiology

Poster Session C: Cell Physiology and Cancer

**16:00 Coffee Break**

**16:15 Oral Session IV: Inflammation and Cancer**

O-09 Micol Rugi (Münster)

*Modulation of mechano-sensing of pancreatic stellate cells by pancreatic pH: focus on K2P2.1 channel*

O-10 Elena Czynnik (Essen)

*Analysis of stromal-epithelial interactions via soluble factors in prostatic cell cultures*

O-11 Karolina Najder-Nalepa (Münster)

*Neutrophil response is governed by ions*

**17:15 Closing Remarks**