

**DFG Research Training Group "TJ-Train", GRK 2318**  
**Tight junctions and their proteins:**  
**molecular features and actions in health and disease**



**Tight Junction Day: June 17, 2019, 2:00 – 7:00 p.m.**

**Charité – Universitätsmedizin Berlin, Campus Benjamin Franklin, EG, Kursraum 1**

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**Chair: Carlos Ayala-Torres, Hannes Gonschior**

2:00 – 2:10 p.m. Welcome by **Jörg Schulzke**

2:10 – 2:40 p.m. **Jörg Piontek** *Molecular architecture of claudin-3, -10b and -15 homopolymeric tight junction strands*

2:40 – 3:10 p.m. **Dorothee Günzel** *Channel-forming claudins of the kidney*

3:10 – 3:40 p.m. **Sebastian Sewerin** *Clinical and functional characterization of a novel claudinopathy due to defective claudin-10*

3:40 – 4:10 p.m. **Catherine Chaussain** *TJ mutations and tooth mineralization: a parallel story?*

**4:10 – 5:00 p.m. Coffee break**

**Chair: Danielle Cardoso da Silva, Deborah Delbue da Silva**

5:00 – 5:30 p.m. **Johannes Schleusener** *Non invasive in vivo measurements of skin barrier related parameters of the stratum corneum*

5:30 – 6:00 p.m. **Jan Richter** *Leak pathway revisited: using local resolution in barrierology*

6:00 – 6:30 p.m. **Kai-Schmidt-Ott** *Transcriptional Control of Tight Junction Biogenesis*

6:30 – 7:00 p.m. **Britta Siegmund** *The Mystery of the Mesentery*

**Get together:** Restaurant Da Remo  
Moltkestr. 33, 12203 Berlin

