

First Chilean-German Workshop on mural cell biology

March 20th-22nd, 2017

Universidad Catolica de Chile

Avenida Libertado Bernardo OHiggins 340; Santiago de Chile Auditorium Abate
Molina, Facultad de Ciencias Biologicas (Decanado)

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Monday, March 20, 2017

- AM Arrival in Santiago de Chile and check-in at Hotel
- 13:00 Light lunch and coffee
- 14:00 - 14:45 **Keynote lecture 1**
Naoki Mochizuki
"How do Pdgfrb-positive pericytes/vascular smooth muscle cells contribute to vascular development?"
- 15:00 - 18:00 **Session 1**
Sana Hasan
"Blood vessel development in growing and regenerating zebrafish fins"
- 15:45 - 16:15 Coffee break
Ayano Chiba
"Osteocrin, a secretory peptide from heart, regulates cranial osteogenesis in zebrafish"
Elvin Leonard
"Mural cell recruitment during zebrafish fin blood vessel development"
- 19:00 Dinner

Tuesday, March 21, 2017

- 09:00 - 10:00 **Keynote lecture 2**
Nathan Lawson
"Deconstructing periendothelial heterogeneity in the zebrafish"
- 10:00 - 11:45 **Session 2**
Dasfne Lee
"Omics and metabolic genes during spinal cord regeneration in Xenopus"
Hiroyuki Nakajima
"Flow-dependent endothelial YAP regulation contributes to vessel stabilization"
- 12:00 Lunch
- 14:00 - 15:00 **Lecture 2**
Julio Amigo
"Mural cell contribution to hemato-vascular development"
- 15:00 - 15:30 Coffee break

15:30 - 17:30 **Session 3**

Ignacio Wichmann

"Reprimo a new gene in development and its role in vascular stabilization"

Gabriela Edwards

"Role of GFAP+ glial cells during spinal cord regeneration in Xenopus"

Arndt Siekmann

"The role of mural cells in determining blood vessel caliber"

17:30 - 18:45 General discussion

19:00 Dinner

Wednesday, March 22, 2017

09:00 - 10:00 **Lecture 4**

Miguel Concha

"Guidance of morphogenesis through mechanical tissue -tissue interactions"

10:00 - 11:00 **Career Talk Students with invited Speakers**

11:30 - 12:30 Lunch

12:30 - 16:30 **Santiago de Chile City Tour**

16:30 - 17:00 Coffee break

17:00 - 18:00 General discussion

18:00 - 18:15 Concluding remarks

19:00 Dinner