



Summer School in Vascular Biology

Program

January 2025

Campus Talca, Av. Lircay s/n, Talca, Chile.

January 20

8:30 – 9:00	Registration.
9:00 – 9:10	Inauguration. Dr. Daniel González, director PhD Program in Biomedical Sciences.
9:10 – 9:20	Welcome from the Dean of Faculty of Health Sciences
9:20 – 10:20	Dr. Eline van der Beek. University of Gronigen, The Netherlands. Nestlé Institute of Health Sciences, Nestlé Research, Switzerland. 'Role of maternal health & nutrition in offspring health & development'
10:20 – 10:50	Coffee
10:50 – 11:50	Dr. Andrew Quest, Director Center for studies on Exercise, Metabolism and Cancer (CEMC), Universidad de Chile "Adipocyte-derived extracellular vesicles in angiogenesis"
12:30 – 13:00	Ceremony MoU U. Groningen- Fac. Health Sciences, Universidad de Talca
14:00 – 15:00	Dr. Paola Casanello, Facultad de Medicina, P. Universidad Católica de Chile "Fetal cardiovascular adaptations associated with maternal obesity: potential mechanisms"
15:15- 16:15	Dr. Carlos Escudero, Universidad del Bio Bio. "Placenta-Brain communication via extracellular vesicles in women with preeclampsia"



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January 21

9:00 – 10:00

Dr. Cor de Wit, University of Luebeck, Germany
"Players in the microcirculation: Measurement of cGMP in real time and role of chloride channels"

10:15 – 11:00

Dr. Xavier Figueroa. Facultad de Ciencias Biológicas, P. Universidad Católica de Chile.
"Novel regulation mechanisms of endothelial function in the microcirculation"

11:15 – 11:35

Coffee break

11:35 – 12:15

Dr. Noelia Escobedo. Universidad Autónoma de Chile.
"Role of meningeal lymphatic vasculature in homeostasis and disease of the central nervous system"

14:00 – 15:00

Dr. Jan-Luuk Hillebrands, University of Groningen, The Netherlands.
"Calciprotein particles in Chronic Kidney Disease: effects on vascular calcification and the endothelium"

15:15 – 16:00

Dr. Diego Arauna. Facultad de Ciencias de la Salud, Universidad de Talca
"Transdisciplinary Approach to Frailty and Vascular Disease: From Cellular Mechanisms to Clinical Applications"

16:00 – 16:15

Concluding remarks