



Wednesday

- Morning I* **From mountain tops to sea depths: Hypoxia-tolerant species**
— Genomics of adaptation in the world's highest-dwelling mammal—Jay Storz
— Carbon monoxide (CO) in hypoxia tolerant species—Michael Tift
— Genes, the environment and the control of breathing—Catherine Ivy
- Morning II* **Mountain Medicine I: Research landscape around the world**
— La Rinconada: The limits of human adaptation to chronic hypoxia—Sam Verges
— USARIEM: Humans at high altitude—Beth Beidleman
— EURAC: Humans at simulated high altitude—Giacomo Strapazzon
- Afternoon* **Poster Session I and Poster 3x3**
- Evening* **Elder Chiniki First Nation Blessing**—Henry Holloway
Climate Extremes and Exploration Science—Kimberley Miner

Thursday

- Morning I* **Mountain Medicine II: Birth and patients at high altitude**
— Surviving birth at high altitude—Alexandra Heath
— Altitude travel with COPD—Michael Furian
— Altitude travel with pulmonary vascular disease—Silvia Ulrich
- Morning II* **Advances in Hypoxia Research I**
— Hypoxemia in the COVID ICU – mechanisms and reflections—Trish Kritek
— Advances in hypoxia signaling—Gregg Semenza
- Afternoon* **Hot Topics in Hypoxia I**—Free Communications
- Evening* **Life in space, and life on Earth**—Kjell and Kristi Lindgren

Friday

- Morning I* **Hypoxia and the Brain**
— Brain tissue hypoxia in humans after cardiac arrest—Mypinder Sekhon
— Migraine induced by hypoxia—Nanna Arngrim
— Sensing brain hypoxia by glial cells and regulation of CBF—Alex Gourine
- Morning II* **Intravascular volume changes at altitude: causes and consequences**
— Mechanisms underlying the increase in hemoglobin concentration at high altitude—Christoph Siebenmann
— Blood volume control of blood pressure at altitude—Lydia Simpson
— A change of heart: cardiac adaptation to hypoxia—Mike Stenbridge
- Afternoon* **Hot Topics in Mountain Medicine**
- Evening* **A mountaineer's view of climate change**—Gordon Wiltsie

Saturday

- Morning I* **Oxygen sensing in the lungs**
— Sensing oxygen in the pulmonary circulation—Mary Slingo
— O₂, CO₂ and Breathing...What's the Controversy?!—Jerry Dempsey
- Morning II* **Latest Developments in Hypoxia Research II**
Targeting Hypoxia Signaling for ARDS Treatment—Holger Eltzschig
HIF2 and the carotid body—Peter Ratcliffe
- Afternoon* **Hot Topics in Hypoxia II**—Free Communications
- Evening* **Awards, Banquet and Dance at Chateau Lake Louise**



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