



Wednesday

- Morning I* **High Altitude Genetics**
—Genes and high-altitude tolerance—Tatum Simonson
—Genetics of pulmonary hypertension and HAPE—Christina Eichstaedt
—Genetics of chronic mountain sickness—Joe Prchal
- Morning II* **Hemoglobin**
—Ethnicity, age and sex impacting normal hemoglobin values—Heimo Mairbäurl
—The impact of iron on hemoglobin values and anemia—Martina Muckenthaler
—Increase in total hemoglobin by altitude training—Walter Schmidt
- Afternoon* **Poster Session I**
- Evening* **Ascending Afghanistan—Danika Gilbert**

Thursday

- Morning I* **Hypoxia: Consequences in Intensive Care Medicine**
—Relevance of hypoxia in the ICU—Helen McKenna
—The right heart, pulmonary circulation and critical illness—Robert Naeije
—Ventilation strategies in hypoxemic respiratory failure—Laurent Brochard
- Morning II* **New Lessons from Hypoxic Mammals**
—Llamas: Not just another high altitude native!—Victor Reyes
—Hypoxia and the naked mole rat—Gary Lewin
—Champions of breath hold diving: Antarctic Weddell Seal—Allyson Hindle
- Afternoon* **Hot Topics in Hypoxia I—Free Communications**
- Evening* **A Stranger in Strange Lands—Jodi Cobb**

Friday

- Morning I* **Pathophysiology of High Altitude Diseases**
—The early hours in the pathophysiology of HAPE—Erik R. Swenson
—The early hours in the pathophysiology of AMS—Marc M Berger
—HACE—its own entity or end-stage AMS?—Justin Lawley
- Morning II* **Hot Topics in Hypoxia II—Free Communications**
- Afternoon* **Poster Session II**
- Evening* **The Shining Mountains and the Emerald Lake—Zac Robinson**

Saturday

- Morning I* **Hypoxia and the Brain**
—The glymphatic system and its role in cerebral homeostasis—Helene Benveniste
—The blood brain barrier and hypoxia—Jeff Dunn
—The pathophysiology of headache—Andrew Charles
- Morning II* **Latest Developments in Hypoxia**
—The role of the hypoxic microenvironment in promoting the cancer stem cell and immune evasion phenotypes—Gregg Semenza
- Afternoon* **Hot Topics in Hypoxia IV—Free Communications**
- Evening* **Awards, Banquet and Dance at Brewster Barn**