

<b>Human Microbiome: From Models and Mechanism to Medicine</b>			
<b>Banff, Canada 19-22.01.2026</b>			
<i>Molecular Microbiology</i>			
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I attended the *Human Microbiome* conference, held jointly with the *Microbiome Metabolism and Metabolites* conference, which took place in Banff, Canada, from the 19<sup>th</sup> to the 22<sup>nd</sup> of January 2026. The conferences brought together leading researchers working on fundamental and translational aspects of microbiome research, with a strong focus on microbial ecology, host-microbe interactions and clinical breakthroughs.

I participated in the conference as a PhD student and presented my work in the form of a poster. The highly engaging poster sessions provided excellent opportunities to discuss my research with experts in the field and to receive valuable feedback on both my current project and future career opportunities.

The scientific program covered a broad range of topics, including metabolite production and signaling by the microbiome, diet-microbes-host interactions, multi-omics approaches, and translation of microbiome research in diseases into clinical and therapeutical applications. Several presentations provided mechanistic insights into how dietary patterns shape the gut microbiome and influence host health, highlighted the role of specific microbial metabolites in various metabolic diseases, and presented recent advances in the characterization of the small intestinal microbiome.

Attendance at this conference was highly beneficial for my research and career development. The discussion and presentations provided valuable insight into related work, helping to place my research in a broader context, confirming its relevance and strengthening the interpretation of my results.

I am very grateful to the Swiss Society for Microbiology for the financial support, which made my participation in this conference possible and contributed to my scientific development.

