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UNIVERSITY
**CHILDREN'S HOSPITAL
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Children's Research Center CRC

BioMed



International Society for Stem Cell Research (ISSCR) - Annual meeting 2026

7-11 July 2026 – Montréal, Canada

With support from the BioMed LSGSZ Program travel grant, I attended the ISSCR 2026 Annual Meeting in Montréal. Organized by the International Society for Stem Cell Research, it is one of the largest and most prominent international conferences in the field, bringing together researchers, clinicians, journal editors, and industry representatives to present advances in stem cell biology and regenerative medicine.

During the conference, I presented a poster on my ongoing research entitled “Unmasking Energetic and Intracellular Dysregulation in HK1-Associated Neurological Disorders Using iPSC-Based Neural Models.” I received valuable feedback from researchers with relevant expertise, which provided new perspectives on my experimental approach and potential future directions. I also connected with scientists working in related areas, creating opportunities for future collaborations and the exchange of methods and ideas.

Conversations with journal editors gave me useful insight into current publication priorities and how to position my research for future submission. The scientific sessions also provided a broader understanding of where the field is heading, particularly regarding 2D and 3D iPSC-derived culture systems and their applications in disease modelling. Key developments included improvements in the reproducibility, maturation, and physiological relevance of organoids, as well as advances in stem-cell-based therapies. Additionally, the industry exhibition introduced me to newly available commercial products and technologies for stem cell research, which helped me identify resources that may improve the efficiency and reproducibility of my experiments.

Overall, attending ISSCR 2026 strengthened my knowledge of the field, expanded my professional network, and generated new ideas for my research. I am grateful to the BioMed LSGSZ Program for supporting my participation.

Pablo Carbajal Martin

