PIANOFORTE Travel Grant Activity Report

Participation in the Society for Neuro-Oncology (SNO) 2025 Annual Meeting

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The support of the PIANOFORTE travel grant enabled my participation in the 2025 Annual Meeting of the Society for Neuro-Oncology (SNO), held in Honolulu, Hawaii, USA, from 18–23 November. As one of the leading international conferences in the field, SNO brings together clinicians, basic scientists, and industry partners to discuss advances in brain tumor research and care. Attending this meeting provided an excellent opportunity to broaden my neuro-oncology perspective.

During the conference, I presented my PhD research through a poster entitled **"Deciphering the glioma RNA-interactome under treatment."** This work aims to unravel how therapeutic stress reshapes RNA–protein interactions in glioma cells, influencing tumor behavior and potential treatment resistance. Presenting this poster stimulated many constructive discussions with researchers working on glioma biology and cell-state transitions under therapy. The feedback I received highlighted new experimental angles will be valuable for the future development of my project.

Throughout the meeting, I attended a wide range of scientific sessions addressing key themes in neuro-oncology, including glioma heterogeneity, tumor–microenvironment interactions, immunotherapeutic approaches, and cutting-edge technological and biological advances. Many presentations from leading international laboratories showcased innovative research strategies, from sophisticated preclinical models to advanced molecular profiling approaches, offering valuable insight into how top research groups are driving the field forward. These sessions provided an excellent overview of the current state of neuro-oncology research and highlighted promising directions that may shape future therapeutic developments.

The conference also offered valuable networking opportunities. Conversations with early-career researchers, senior investigators, and clinicians helped me better understand the challenges involved in translating molecular discoveries into clinical practice. These exchanges broadened my view of the field's current priorities, from developing more precise preclinical models to integrating multi-omics approaches into patient stratification.

Overall, attending SNO 2025 was a highly enriching experience. It allowed me to present and discuss my research with the neuro-oncology community, deepen my knowledge of the latest scientific developments, and identify promising directions for future work. I am sincerely grateful for the support of the PIANOFORTE travel grant, which made this participation possible.

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