Abiram SANDRALEGAR, MD-PhD student

Abiram SANDRALEGAR, born in 1999 in Switzerland, is currently pursuing a Master's in Human Medicine at the Faculty of Medicine, University of Geneva. Graduating in 2021 with a Bachelor's in Human Medicine, he also achieved a Swiss Maturity with a bilingual mention in French and English in 2018.

Beyond his academic pursuits, Abiram serves as a Course Coordinator at the Faculty of Medicine, overseeing the elective course "Health and Music: Exploring the Medicine of Arts." He also contributed as a Research Assistant in the Intensive Care Unit at the Geneva University Hospitals.

With his master thesis, "Mixed reality compared to the traditional ex cathedra format for neuroanatomy learning: the value of a three-dimensional virtual environment to better understand the real world," published in Neurosurgical Focus (Jan 2024), Abiram demonstrates his commitment to the field of medical research. His particular interest lies in neurosurgery, emerging surgical technologies, and research within these domains. Drawn to the intricate challenges of neurosurgery, Abiram aspires to contribute to technological advancements that will redefine patient care standards by integrating digital data for more precise and personalized medicine and surgery.

In the near future, Abiram plans to pursue an MD-PhD program after completing his Master's, further solidifying his dedication to research and the advancement of medical knowledge.The development of digital tools for surgical assistance, a project he is been deeply involved in, is reviewed in a book chapter in the Youman's and Winn exemplifies his dedication to integrating technology and medicine to advance the field.

Overall, his research endeavours are driven by a desire to understand complex biological processes and mitigate cognitive biases in medical research, utilizing technological advancements to translate these findings into effective clinical applications.

https://www.hug.ch/en/neurochirurgie/team

Full list of publications: https://pubmed.ncbi.nlm.nih.gov/?term=Bijlenga%20P%5BAuthor%5D