

UNDERTAKING

I hereby confirm that the research I've submitted for the Sun Pharma Award has not been previously honored or recognized. I have engaged deeply in Neuro-oncology, delving into both clinical and fundamental research. As the principal investigator, I've led numerous extramural projects, resulting in the publication of almost 230 papers. My primary focus revolves around crafting comprehensive strategies for the development of diagnostic and prognostic biomarkers, along with guidelines for their seamless integration into clinical practice, particularly in resource-constrained regions. The overarching goal is to establish markers that enable early detection and predictive insights. A noteworthy aspect of my work lies in the realm of pediatric CNS tumors. This includes the identification of unique genetic characteristics in pediatric glioblastomas, challenging conventional norms in oligodendroglioma classification, and revealing the aggressive genetic landscapes inherent in pediatric meningiomas. Additionally, my groundbreaking research on pleomorphic xanthoastrocytoma (PXA) and diffuse midline gliomas holds the promise of personalized treatments and innovative immunotherapy avenues. My unwavering commitment is directed towards the continuous dissemination of knowledge, which collectively elevates our understanding in the field. I must acknowledge the collaborative nature of this research and express my sincere gratitude to my esteemed colleagues for their invaluable contributions. While I highly appreciate the collaborative efforts, it's crucial to underline my individual contributions. I played a pivotal role in conceptualizing and meticulously designing the research framework, conducting thorough literature reviews, formulating intricate hypotheses, and developing a robust methodology. Furthermore, was deeply involved in data collection, comprehensive analysis, and interpretation. Additionally, my role extended to crafting meticulously articulated manuscripts that effectively communicate the intricate tapestry of our research findings to both the academic community and a broader audience.

Vaishali