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Dr Chun-Yu Liu is a Medical Oncologist and Hematologist at Taipei Veterans General Hospital (TVGH). Additionally, he serves as an associate professor at National Yang-Ming Chiao-Tung University. Dr Liu plays a pivotal role as a key member of the Comprehensive Breast Health Center and Neuro-Oncology team at TVGH, where he serves as a consultant for the molecular tumor board of breast cancer and CNS cancers. As a physician-scientist, Dr Liu's research focuses on elucidating new drug mechanisms of anti-cancer agents, cancer biology, and translational research for breast cancer. His strong commitment to advancing the field of oncology through research, education, and clinical practice underscores his dedication to improving outcomes and enhancing the quality of life for individuals affected by cancer.

Topic: Implanting a Molecular Tumor Board for Glioblastoma: Experience from a Single Center Institute

Practicing Molecular Tumor Board in Neuroblastoma involves a multidisciplinary approach to treatment decision-making based on genetic and molecular profiling of tumors. We explore the integration of genomic data into clinical practice for personalized medicine in Neuro-Oncology. The Molecular Tumor Board model convenes experts in oncology, genetics, pathology, and bioinformatics to analyze genomic findings and recommend tailored therapies. This approach aims to optimize treatment strategies, improve patient outcomes, and enhance understanding of tumor biology. Challenges include the interpretation of complex genomic data, accessibility to advanced sequencing technologies, and ethical considerations. By bridging the gap between research and clinical care, Molecular Tumor Boards pave the way for precision medicine in managing neuroblastoma and other CNS cancers.