

# FRIDAY PLATFORMS 3 & 4

**Platform Session 3: Tumors: Glial 2 Moderators:** Veena Rajaram, MD, MBBS and Matthew McCord, MD

**Platform Session 4: Neurodegenerative: Alzheimer, Other Moderators:** Aivi Nguyen, MD and Andrew Teich, MD, PhD

Platform Session 3: <i>Tumors: Glial 2</i> Chesapeake Ballroom		Platform Session 4: <i>Neurodegenerative: Alzheimer, other</i> Choptank Ballroom	
2:00 pm - 2:15 pm	<b>17</b> <b>Molecular, histologic, and clinical characterization of 51 gliomas with an epigenetic classification of gliomatosis cerebri-like glioma</b> C Dampier, G Lopez, S Dahiya, M Haeri, J Wang, D Meredith, P Kobalka, S Ahmadian, J Fullmer, A Stemmer-Rachamimov, C Xing, R Green, J DeWitt, N Khanlou, M Pekmezci, P Samghabadi, C Lucas, J Helgager, K Donev, F Iwamoto, F Andreiuolo, L Szymanski, V Kaimaktchiev, P Sequeira, O Singh, H Chung, Z Abdullaev, M Quezado, K Aldape, M Nasrallah	25	<b>Unusual Neuropathological Findings in Cases of Unexpected Death with No Apparent Anatomical Causes</b> J Houpt, Q Zhang, L Ang
2:15 pm - 2:30 pm	<b>18</b> <b>Correlation of ATRX Mutation Status, ATRX Immunohistochemical Staining Results, and ALT Status in IDH-Mutant Astrocytoma</b> O Kizilkaya, K Zhang, M Sherief, D Mukherjee, C Bettgowda, M Holdhoff, V Croog, S Sahebjam, D Kamson, J Torroella, K Shreck, C Eberhart, A Meeker, C Lucas	26	<b>TDP-43 and tau-related neurite loss is associated with locus coeruleus dysconnectivity and beta-amyloid accumulation in Alzheimer's disease</b> G Uruk, R Gatto, N Hossain, K Josephs, R Reichard, J Whitwell, H Youssef
2:30 pm - 2:45 pm	<b>19</b> <b>Genomic profiling of genetically-defined oligodendroglioma harboring TP53 alterations</b> V Huynh, M Vizcaino, M Webb, V Pazdernik, K Fung, J Bouffard, T Kollmeyer, C Praska, D Zhang, M Gandham, S Dasari, C Marcou, S Smoley, M Isaacson, R Vaubel, A Nguyen, J Trejo-Lopez, K Aldape, C Giannini, A Raghunathan, S Kizilbash, H Al Kateb, R Jenkins, C Zepeda Mendoza, C Ida	27	<b>Identification of molecular-neuropathological signatures of sporadic AD and FTLT</b> T Zhang, D Geschwind, S Magaki, H Vinters
2:45 pm - 3:00 pm	<b>20</b> <b>Alterations in Mismatch Repair Proteins Impact Survival in Oligodendroglioma</b> C Slocum, Y Nishikawa, C Maldonado-Diaz, S Hiya, M Christian Virata, J Samanamud, J Walker, M Umphlett, N Tsankova, T Richardson	28	<b>Association of Cerebrovascular Pathologies with Hippocampal Sclerosis of Aging in Community-Dwelling Older Adults</b> K Kamboj, S Agrawal, A Kapasi, L Barnes, L Yu, D Bennett, J Schneider
3:00 pm - 3:15 pm	<b>21</b> <b>MicroRNA changes can drive senescence in pilocytic astrocytoma</b> C Eberhart, E Raabe, M Yuan	29	<b>Quantifying Vascular Contributions to Dementia Across Large-Scale Neuropathology Cohorts</b> A Gonzalez, A Ghaseminejad-Bandpey, S Seshadri, S Etemadmoghadam, M Flanagan
3:15 pm - 3:30 pm	<b>22</b> <b>Beyond the Posterior Fossa: Clinical and Molecular Characterization of 33 Ependymomas with PFB Molecular Signatures</b> P Engin Zerk, Z Abdullaev, M Santi, A Viaene, S Alexandrescu, M Quezado	30	<b>Regional Heterogeneity of Cerebral Amyloid Angiopathy Defined by Deep Learning-Based Vessel-Level Quantification</b> H Tahmasebidehkordi, A Bahramy, D Julian, K Neal, T Pearce, J Kofler
3:30 pm - 3:45 pm	<b>23</b> <b>Eighteen cases of glioneuronal tumor, kinase-fused, subtype A (GNT_KinF_A) from a multi-institutional study</b> E Pai, Z Abdullaev, S Ahmadian, K Aldape, M Blessing, J Byers, B Cole, E Conner, S Dahiya, K Dazelle, C Eberhart, I Fernandes, A Fonseca, M Frosch, C Giannini, N Lehman, G Lopez, A Perry, M Quezado, A Raghunathan, M Santi, A Toland, A Viaene, C Welsh	31	<b>Quantitative Comparison of AT8 and pTau181 Immunohistochemical Staining in Human Brains with Alzheimer's Disease Neuropathologic Change</b> S Rashid, H Peng Cheng
3:45 pm - 4:00 pm	<b>24</b> <b>FGFR2-Fused Low-Grade Neuroepithelial Tumors: Clinicopathologic and Methylation Analysis of a National Cohort with WHO Implications</b> S Rajan, M Leung, K Schieffer, O Singh, K Qin, D Koboldt, A Shaikhouni, K Miller, J Leonard, J Pindrik, C Pierson, D Boué, E Mardis, C Cottrell, K Aldape, D Thomas	32	<b>Data-Driven Thresholds for Standardized Classification of Severe Alzheimer's Disease Neuropathology Using Digital Neuropathology</b> R Shahidehpour, A Neltner, M Klusty, W Corbett, A Gonzalez, D Gutman, D Fardo, A Bachstetter, C Bumgardner, M Flanagan, P Nelson