

Orwa Aboud, M.D., Ph.D.

Philosophy of Care

My goal is to help my patients make decisions during the hard times of their lives, so they will live a more meaningful and productive life in harmony with their family and society.

Clinical Interests

Dr. Aboud is a Neuro-Oncologist treating patients with a variety of primary brain tumors such as Glioblastoma, Oligodendroglioma, Low grade gliomas. Dr. Aboud received extensive training at the National Institutes of Health (NIH) and Johns Hopkins in managing patients with brain tumors as well as designing clinical trials to explore new therapies.

Along with his UC Davis colleagues; Dr. Aboud established a multidisciplinary adult brain tumor program at the University of California Davis. This program focuses on developing novel clinical trials for patients with brain tumors and provides best available treatment.

Research/Academic Interests

Dr. Aboud's research focuses on designing and launching clinical trials for glioblastoma and other brain tumors as an area of unmet need. Dr. Aboud is involved in collaborative trials with national colleagues studying potential new therapies for patients with brain tumors. Dr. Aboud's interests include studies focusing on the safety of oral anti-coagulation therapies for brain tumor patients with blood clots.

Dr. Aboud believes strongly in the mission of teaching and the promotion of evidence-based medicine in neuro-oncology in an academic setting, achieving higher results of teaching requires fostering the skills, attitudes and behavior of the students. That will arm future healthcare providers with the tools to ask the "right" clinical questions, look for evidence and search for answers, and critically appraise the evidence. Dr. Aboud's strength comes from two important components in teaching. The first is having passion for the material that he teaches. The second, which is even more important, is that he really cares about his students in all fields of study.

Dr. Aboud is strongly involved in community outreach to raise awareness of brain tumor care, and bring best treatment available to the community.

Title Assistant Professor, Department of Neurology and Neurological Surgery

Specialty Neuro-oncology, Neurology

Department [Neurology](#)
[Neurological Surgery](#)

Division Neurological Surgery
Neurology

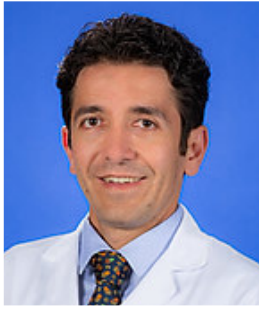
Clinic UC Davis Medical Group, Sacramento - Midtown

Center/Program Affiliation [UC Davis Comprehensive Cancer Center](#)



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Additional Phone	Clinic Phone: 916-734-4300 Clinic Fax: 916-734-0171 Clinic Fax: 916-703-5266 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	Arabic
Education	M.D., University of Damascus, Damascus, Syria 2007 Ph.D., University of Arkansas for Medical Sciences, Little Rock AR 2013
Internships	Neurology, University of Arkansas for Medical Sciences, Little Rock AR 2013-2014
Residency	Neurology, University of Arkansas for Medical Sciences, Little Rock AR 2014-2017
Fellowships	Neuro Oncology Clinical Fellowship, Johns Hopkins Hospital, Baltimore MD 2019-2020 Neuro Oncology Clinical Research Fellowship, National Institutes of Health, National Cancer Institute, Baltimore MD 2017-2019
Board Certifications	American Board of Psychiatry and Neurology, Neurology
Professional Memberships	American Association of Anatomists California Medical Society Maryland Medical Society Society for Neuro-oncology Society for Neuroscience
Honors and Awards	Resident of the Year Award, University of Arkansas for Medical Sciences, Little Rock AR, 2017 Jess R. Nickols Award, Department of Veterans Affairs, Central Arkansas Veterans Healthcare system, Little Rock AR, 2017 AAN 2016 Travel Award, Resident travel award to attend the American Academy of Neurology's (AAN) 2016 Annual Meeting, 2016 Best Scientific Poster Award, University of Arkansas for Medical Sciences, Little Rock AR; Third Annual Sami Harik Resident Research Day, 2015



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Select Recent Publications

Travel Award, Curing the epilepsies: pathways forward (NINDS) 2013 Meeting, National Institutes of Health, Bethesda MD, 2013

Theeler B, Dalal Y, Monje M, Shilatifard A, Suvà A, Aboud O, Camphausen K, Cordova C, Finch E, Heiss J, Packer R, Romo C, Aldape K, Penas-Prado M, Armstrong T, Gilbert M. NCI-CONNECT: Comprehensive Oncology Network Evaluating Rare CNS Tumors. Histone Mutated Midline Glioma Workshop Proceedings. Neuro-Oncology Advances. 2020 Jan 16;2(1):vdad007. doi: 10.1093/noajnl/vdad007.

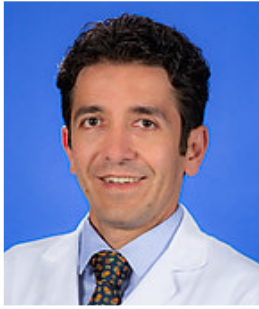
Penas-Prado M, Wu J, Cahill D, Brat D, Costello J, Kluetz P, Cairncross J, Van den Bent M, Verhaak R, Aboud O, Burger P, Chang S, Cordova C, Huang R, Rowe L, Taphoorn M, Gilbert M, Armstrong T. Proceedings of the Comprehensive Oncology Network Evaluating Rare CNS Tumors (NCI-CONNECT) Oligodendroglioma Workshop. Neuro-Oncology Advances. 2019 December 6. doi: 10.1093/noajnl/vdz048.

Rowe L, Vera E, Acquaye A, Crandon S, Shah V, Bryla C, Wu J, Wall K, Siegel C, Reyes J, Penas-Prado M, Leggiero N, Cordova C, Burton E, Antony R, Boris L, Aboud O, Vyas Y, Mathen P, Gilbert M, Camphausen K, Mendoza T, Armstrong T. The prevalence of altered body image in patients with primary brain tumors: an understudied population. J Neuro-Oncology. 2020 February 24;147:397-404. doi:10.1007/s11060-020-03433-8.

Ahsan B, Aldwaikat A, Aboud O, Ramadan A, Abu-Asab MS. Retinal and choroidal capillaries contribution to age-related macular degeneration (AMD) phenotypes in murine models of the disease. J Ultrastructural Pathology. 2020 Feb 21;44(2):174-181. doi:10.1080/01913123.2020.1731039.

Aboud O, Al-Salaimeh A, Raina SK, Sahaya K, Hinduja A. Positive clinical signs in neurological diseases-An observational study. J Clin Neurosci. 2019 Jan;59:141-145. doi:10.1016/j.jocn.2018.10.113. Epub 2018 Nov 19. PMID:30467051.

Aboud O, Aboud T, Janjua BM, Raja A. Image-Guided Spinal Navigation for C1-C2



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Instrumentation: Part I. Contemporary Neurosurgery. 2015 March 30; 37(6):1-5.

Aboud O, Parcon P, DeWall KM, Liu L, Mark RE, Griffin WST. Aging, Alzheimer's, and APOE genotype influence the expression and neuronal distribution patterns of microtubule motor protein dynactin-P50. *Frontiers Cell NeuroSci*. 2015 Mar 25;9:103.

Zawada MW, Mrak RE, Biedermann J, Palmer QD, Gentleman SM, Aboud O, Griffin WST. Loss of angiotensin II receptor expression in dopamine neurons in Parkinson's disease correlates with neuropathological progression and is accompanied by increases in Nox4- and 8-OH guanosine-related nucleic acid oxidation and caspase-3 activation. 2015 *Acta Neuropathologica Communications*. 2015 Feb 3;3(1):9.

Aboud O, Griffin WST, Mrak RE, Boop FA. Neuroinflammation, neurodegeneration, and APOE genotype. 2013 *Epilepsy: Acta Neuropathologica Communication*. 2013 Jul 29;1(1):41.

Aboud O, Mrak RE, Boop FA, Griffin WST. Apolipoprotein epsilon 3 alleles are associated with indicators of neuronal resilience. 2012 *BMC Medicine*. 2012 April 13;10:35.

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