

MICHAEL YOUSSEF, MD

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TRAINING

Fellowship: Neuro-Oncology
University of Texas M.D. Anderson Cancer Center, Houston TX 07/2018-06/2020
Department of Neuro-Oncology
2019-2020: Chief fellow

Residency: Neurology
Baylor College of Medicine, Houston TX 06/2014-06/2018
Sites of training include: CHI Baylor St Lukes Medical Center, Ben Taub General Hospital, Michael E DeBakey VA Hospital, M.D. Anderson Cancer Center, Baylor College of Medicine Medical Center, and Texas Children's Hospital

EDUCATION

Medical University of South Carolina 08/2010-05/2014
Charleston, SC
Doctor of Medicine

University of Pittsburgh 08/2006-05/2010
Pittsburgh, PA
Bachelor of Science, Neuroscience
2006-2010: Full academic scholarship recipient
2006-2010: Deans list

RELATED EXPERIENCE

American Brain Tumor Association 06/2011-08/2011
Summer research award grant recipient
Received an award from the American Brain Tumor Association to design and conduct research with Dr. Bruce Frankel, a Neurosurgeon at the Medical University of South Carolina. My project was a multifactorial approach to the study of glioblastoma multiforme (GBM) using basic science techniques to sensitize precursor cells in GBM to temozolamide using down-regulation of MGMT expression via O6-BG exposure, along with using MRI analysis of the subventricular zone using DKI to determine if imaging of this area was possible and if recurrence of GBM could be detected earlier.

UPMC Liver Cancer Center, Pittsburgh, PA 01/2008-05/2010
Research Assistant

MEMBERSHIPS

Society for Neuro-Oncology, Member 2018-present
American Academy of Neurology, Member 2014-present
Texas Neurologic Society, Member 2014-present
American Brain Tumor Association 2011-present

LICENSURE AND CERTIFICATION

Texas Medical License. S1024

Expires 05/31/2022

PRESENTATIONS

1. **Youssef M.**, Mandel J., Yust-Katz S., Patel A., Jalali A., Wu J., Ludmir E., de Groot J., (April 2020) Examining the impact of Isocitrate Dehydrogenase (IDH) Gene status on the development of venous thromboembolism in Glioma Patients. Poster session at the American Academy of Neurology Annual Meeting 2020
2. **Youssef M.**, Ludmir E., Mandel J., Patel AJ., Jalali., Treiber J., Wu J., McAleer M., de Groot J., (November 2019) Treatment Strategies for Glioblastoma in Older Patients: Age is Just a Number. Poster session at the Society for Neuro-Oncology Annual Meeting 2019, Phoenix, AZ
3. **Youssef M.**, Schlette E., Tummala S., (October 2019) Neuroleukemiosis presenting as mononeuritis multiplex. Poster session presented at the American Association of Neuromuscular and Electrodiagnostic Medicine conference 2019, Austin TX
4. **Youssef M.**, Harrison R., Woodman K., Chen M. (April 2018) Neurologic complications of immune checkpoint inhibitors in cancer patients. Poster session presented at the American Academy of Neurology Annual Meeting 2018, Los Angeles, CA
5. Mandel J., **Youssef M.**, Nam J., Wu J., Liu., Bondy M., De Groot J., (April 2018) Effect of Health Disparities on Overall Survival of Patients with Glioblastoma. Poster session presented at the American Academy of Neurology Annual Meeting 2018, Los Angeles, CA
6. **Youssef M.**, Boan A, Turan T, Bachman D, Lackland D. Medical University of South Carolina. Body Mass Index and the risk of stroke. Presented at the Palmetto Health "Geriatrics Symposium and Conference on Aging", January 23, 2014; Columbia SC
7. Steel JL, **Youssef M.**, Ramirez J, Probst C, Pfeifer R, Zele BA, Sittaro N-A, Khalifa F, Pape HC. Physical and psychological functioning of polytrauma patients with traumatic brain injury at 10+ years follow-up. Submitted to the Journal of Trauma and presented at the American Association of Trauma Surgery, 2009; Pittsburgh PA
8. Steel JL, Gemmell L, Geller D, **Youssef M.**, Likumahuwa S, Dunlavy A, Hoffman K, Antoni M, Spring M, Grady J, Kim K, Schulz R, Lazaroff J, Gamblin T. Randomized Controlled Trials in the Context of Behavioral Medicine, Presented at the American Psychological Association, August 6- August 9, 2009; Toronto, Canada
9. Fedele KM, Steel JL, Marsland A, **Youssef M.**, Ramirez J, Probst C, Pfeifer R, Zelle B, Sittaro NA, Khalifa F, Pape HC. Predictors and consequences of depressive symptoms in polytrauma patients 10 or more years after injury. Annual Meeting for the Society of Behavioral Medicine, April 27-30, 2011; Washington, D.C.

PUBLICATIONS AND PAPERS

1. **Youssef M.**, Mandel J., Yust-Katz S., Patel A., Jalali A., Wu J., Ludmir E., de Groot J., Examining the impact of Isocitrate Dehydrogenase (IDH) Gene status on the development of venous thromboembolism in Glioma Patients, *In Press*
2. **Youssef M.**, Beal T., Mandel J., Metabolic and Nutritional Nervous System Dysfunction in Cancer Patients. In: Newton/Malkin- Neurological Complications of Systemic Cancer and Antineoplastic Therapy, Second Edition, *In Press*
3. **Youssef M.**, Schlette E., Tummala S., Neuroleukemiosis presenting as mononeuritis multiplex. *In Press*
4. **Youssef M.**, Demirhan M., Harrison R., Loghini M., Johnson J., Alfaro-Munoz K., Bhat K., Yeboa D., Prabhu S., Raza S., de Groot J., DeMonte F., Kamiya-Matsuoka C., Long-Term Use of Everolimus plus Octreotide for recurrent intracranial or spinal meningioma: A single institution experience, *In Press*, Abstract submission to SNO 2020
5. Aaroe A., Dono A., **Youssef M.**, Alfaro-Munoz K., Weathers S., O'Brien B., Majd N., Harrison R., Loghini M., Soomro Z., Williford G., Fuller G., Yung A., Yeboa D., Esquenazi Y., Ballester L., de Groot J., Kamiya-Matsuoka C., A retrospective study of treatment strategies and outcomes in WHO grade II and III isocitrate dehydrogenase (IDH) wild-type astrocytoma, *In Press*, Abstract submission to SNO 2020

6. Soomro Z, **Youssef M**, Yust-Katz S, Jalali A, Patel AJ, Mandel J. Paraneoplastic syndromes in small cell lung cancer. *J Thorac Dis* 2020. doi: 10.21037/jtd.2020.03.88
7. **Youssef, M.**, Ludmir, E. B., Mandel, J. J., Patel, A. J., Jalali, A., Treiber, J., Wu, J., McAleer, M. F., & de Groot, J. F. (2019). Treatment strategies for glioblastoma in older patients: age is just a number. *Journal of neuro-oncology*, 145(2), 357–364. <https://doi.org/10.1007/s11060-019-03304-x>
8. Goethe EA, **Youssef M**, Patel AJ, Jalali A, Goodman JC, Mandel JJ. Recurrent Papillary Glioneuronal Tumor. *World Neurosurgery* (2019, May 9)
9. Mandel J., **Youssef M.**, Nam J., Wu J., Liu D., Bondy M., De Groot J., Effect of Health Disparities on Overall Survival of Patients with Glioblastoma. *J Neurooncol* (2019) 142: 365.
10. **Youssef M.**, Woodman K., (April 2018) Neurologic complications of immune checkpoint inhibitors in cancer patients. *Neurology* Apr 2018, 90 (15 Supplement) P4.162)
11. Mandel J, **Youssef M**, Ludmir E, Yust-Katz S, Patel AJ, De Groot J (2018). Highlighting the need for reliable clinical trials in glioblastoma, *Expert Review of Anticancer Therapy*, 18:10, 1031-1040, DOI: 10.1080/14737140.2018.1496824
12. **Youssef M.**, Mandel J., Chowdhary S., Kesari S. (2017) Recent Advances for Targeted Therapies in Glioblastoma. In: Somasundaram K. (eds) *Advances in Biology and Treatment of Glioblastoma*. Current Cancer Research. Springer, Cham
13. Steel J. **Youssef M**. Pfeifer R. Ramirez JM. Probst C. Sellei R. Zelle BA. Sittaro NA. Khalifa F. Pape HC. 2010. Health-related quality of life in patients with multiple injuries and traumatic brain injury 10+ years postinjury, *Journal of Trauma-Injury Infection & Critical Care*. 69(3):523-30
14. Moore A, Gamblin T, Geller D, **Youssef M**, Hoffman K, Gemmell L, Likumahuwa S, Bovbjerg D, Marsland A, Steel J. 2010 A prospective study of posttraumatic growth as assessed by self-report and family caregiver in the context of advanced cancer, *Psychooncology*, 2011 May; 20(5):479-87
15. Steel JL, **Youssef M**, Ramirez J, Probst C, Pfeifer R, Zele BA, Sittaro N-A, Khalifa F, Pape HC. 2009 Physical and psychological functioning of polytrauma patients with traumatic brain injury at 10+ years follow-up. *Journal of Trauma*
16. Steel JL, Geller DA, Tsung A, Marsh JW, Dew MA, Spring M, Grady J, Likumahuwa S, Dunlavy A, **Youssef M**, Antoni M, Butterfield LH, Schulz R, Day R, Helgeson V, Kim KH, Gamblin TC. Randomized controlled trial of a collaborative care intervention to manage cancer-related symptoms: Lessons learned. *Clinical Trials*, June;8 (3):298-310