

# CURRICULUM VITAE

Ivo W. Tremont M.D.

## PRESENT TITLE AND AFFILIATION

### Primary Appointment

Associate Professor, Department of Neurosurgery and the Kenneth R. Peak Brain and Pituitary Treatment Center, Houston Methodist Hospital, Houston, TX

## CITIZENSHIP

Venezuela, U.S. Permanent Resident

## OFFICE ADDRESS

Department of Neurosurgery  
6560 Fannin, Suite 944  
Houston, Texas 77030  
713-441-3800

## EDUCATION

### Degree-Granting Education

Universidad de Los Andes, Merida, Venezuela, MD, 1987, Medicine

### Postgraduate Training

Clinical Internship, Rural Medicine, Instituto Venezolano de Los Seguros Sociales, Caracas, Venezuela, 12/1987-12/1989

Clinical Residency, Internal Medicine, Universidad Central de Venezuela, Caracas, Venezuela, 12/1989-12/1992

Clinical Residency, Medical Oncology, Universidad Central de Venezuela, Caracas, Venezuela, 1/1993-11/1995

Clinical Fellowship, Clinical Oncology, University of Wisconsin-Madison, Madison, WI, 11/1995-6/1997

Clinical Residency, Neurology, University of Wisconsin-Madison, Madison, WI, 7/1997-6/2001

Clinical Fellowship, Neuro-Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX, 7/2001-6/2003

## CREDENTIALS

### Board Certification

American Board of Psychiatry and Neurology, #51875, 9/2002-12/2012

American Board of Psychiatry and Neurology, #24, 10/2008-12/2018

### Licensures

#### Active

Texas Medical Board, TX, N1483, 10/2009-11/2015

## EXPERIENCE/SERVICE

### Academic Appointments

Assistant Professor, Medical University of South Carolina, Charleston, SC, 7/2003-10/2004

Assistant Professor, Louisiana State University, New Orleans, LA, 2/2007

Assistant Professor, Tulane University, New Orleans, LA, 1/2008

Assistant Professor, Department of Neuro-Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 6/2009-2015

Associate Professor, Department of Neurosurgery, Houston Methodist Hospital

**Administrative Appointments/Responsibilities**

Assistant Director of Neuro-Oncology  
Kenneth R. Peak Brain and Pituitary Treatment Center

**Other Appointments/Responsibilities**

Quality Officer, Department of Neuro-Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX, 2010-present

Director of Clinical Operation, Department of Neuro-Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX, 4/2013-present

**Consultantships**

Mendota Mental Health Institute, Madison, Wisconsin, Consultant, 12/2000-6/2001

**Military or Other Governmental Service**

N/A

**Institutional Committee Activities**

Protocol Review Committee, Hollings Cancer Center, Member, 11/2003-6/2004

Pain Management, West Jefferson Cancer Committee, Member, 1/2006

Clinical Research Committee, Member, 9/2010-9/2012

**HONORS AND AWARDS**

Alejandro Calvo Lairet Award, Venezuelan Cancer Society, 1994

Audrey Meyer Mars Fellowship in Clinical Oncology, American Cancer Society, 1995-1996

Alejandro Calvo Lairet Award, Venezuelan Cancer Society, 1996

American Society of Clinical Oncology and American Association of Cancer Research, ASCO and AACR, 1996

Berlex Oncology Foundation Award, Clinical Trial and Design and Epidemiology, 1996

Berlex Oncology Foundation Award, Pharmacology of Anticancer Drugs, 1996

Hans Wyder Fellowship Award, European School of Oncology, 1996

Chief Resident, Neurology Residency Program, University of Wisconsin-Madison, 2000-2001

JF Penry Epilepsy Mini-Fellowship Program, Wake Forest University School of Medicine, 2000

Outstanding Neurology Resident Award, University of Wisconsin-Madison Medical School, 2001

Best Neurology Teaching Professor, Medical University of South Carolina, 3rd Yr Medical Student Class, 2003-2004

Travel Award, M. D. Anderson Alumni Association, 2003

Resident Teaching Award, Medical University of South Carolina, 2004

**RESEARCH**

**Grants and Contracts**

**Funded**

Principal Investigator, A Pilot Study of Systemically Administered Bevacizumab in Patients with Neoplastic Meningitis (NM), Genentech, 6/15/2009-present

Principal Investigator, Phase II Randomized Study of Rituximab, Methotrexate, Procarbazine, Vincristine, and Cytarabine with and without Low-Dose Whole-Brain Radiotherapy for Primary Central Nervous System Lymphoma, RTOG1114, NIH/NCI, 6/20/2013-present

**Protocols**

### **Funded**

Principal Investigator, A Pilot Study of systemically Administered Bevacizumab in Patients with Neoplastic Meningiis (NM), 2009-0122, 2009-present, Genentech

Principal Investigator, Phase II Randomized Study of Rituximab, Methotrexate, Procarbazine, Vincristine, and Cytarabine with and without Low-Dose Whole-Brain Radiotherapy for Primary Central Nervous system Lymphoma, RTOG1114, 2013-present, NCI

### **Unfunded**

Principal Investigator, Determination of Cerebrospinal fluid Levels of Vascular Endothelial Growth Factor as a Predictor of Malignant Meningitis, LAB03-0319, 2003-2013

Principal Investigator, Cerebrovascular ischemic events in primary brain tumors patients, PA13-0034, 2013-present

Principal Investigator, Topotecan for leptomeningeal disease (LMD), PA13-0130, 2014-present

## **PUBLICATIONS**

### **Peer-Reviewed Original Research Articles**

1. Tremont-Lukats IW, Teixeira GM. Comparison of Granisetron, ondansetron, and tropisetron in the prophylaxis of acute nausea and vomiting induced by cisplatin for the treatment of head and neck cancer. A randomized controlled trial. *Cancer* 78(11):2450-3, 12/1996. PMID: 8941020.
2. Tremont-Lukats IW, Avila JL, Tapia F, Hernández D, Cáceres-Dittmar G, Rojas M. Abnormal expression of galactosyl(alpha 1-->3) galactose epitopes in squamous cells of the uterine cervix infected by human papillomavirus. *Pathobiology* 64(5):239-46, 1996. PMID: 9068006.
3. Tremont-Lukats IW, Avila JL, Hernández D, Vásquez J, Teixeira GM, Rojas M. Antibody levels against alpha-galactosyl epitopes in sera of patients with squamous intraepithelial lesions and early invasive cervical carcinoma. *Gynecol Oncol* 64(2):207-12, 2/1997. PMID: 9038265.
4. Tremont-Lukats IW, Teixeira GM. Cervical cancer decreasing, but not everywhere. *Lancet* 350(9075):449, 8/1997. PMID: 9259688.
5. Tremont-Lukats IW, Teixeira GM, Vásquez J, Hernández D. Validity of colposcopy to identify and grade squamous intraepithelial lesions among Venezuelan women. *Eur J Gynaecol Oncol* 18(1):57-60, 1997. PMID: 9061326.
6. Tremont-Lukats IW, Serbanescu R, Teixeira GM, Iriza E, Hernández DE, Schneider C. Multivariate analysis of primitive reflexes in patients with human immunodeficiency virus type-1 infection and neurocognitive dysfunction. *Ital J Neurol Sci* 20(1):17-22, 2/1999. PMID: 10933480.
7. Tremont-Lukats IW, Teixeira GM, Hernández DE. [Nine primitive reflexes in patients with acquired immunodeficiency syndrome (AIDS). Results of a case-control study]. *Gac Med Mex* 135(2):101-6, Mar-Apr, 3/1999. PMID: 10327745.
8. Tremont-Lukats IW, Teixeira GM, Hernández DE. Primitive reflexes in a case-control study of patients with advanced human immunodeficiency virus type 1. *J Neurol* 246(7):540-3, 7/1999. PMID: 10463353.
9. Tremont-Lukats IW, Megeff C, Backonja MM. Anticonvulsants for neuropathic pain syndromes: mechanisms of action and place in therapy. *Drugs* 60(5):1029-52, 11/2000. PMID: 11129121.
10. Tremont-Lukats IW, Fuller GN, Ribalta T, Giglio P, Groves MD. Paraneoplastic chorea: case study with autopsy confirmation. *Neuro Oncol* 4(3):192-5, 7/2002. PMID: PMC1920638.
11. Tremont-Lukats IW, Gilbert MR. Advances in molecular therapies in patients with brain tumors. *Cancer Control* 10(2):125-37, Mar-Apr, 3/2003. PMID: 12712007.
12. Herman MA, Tremont-Lukats IW, Meyers CA, Trask DD, Froseth C, Renschler MF, Mehta MP. Neurocognitive and functional assessment of patients with brain metastases: a pilot study. *Am J Clin Oncol* 26(3):273-9, 6/2003. PMID: 12796600.

13. Tremont-Lukats IW, Bobustuc G, Lagos GK, Lolas K, Kyritsis AP, Puduvalli VK. Brain metastasis from prostate carcinoma: The M. D. Anderson Cancer Center experience. *Cancer* 98(2):363-8, 7/2003. PMID: 12872358.
14. Giglio P, Tremont-Lukats IW, Groves MD. Response of neoplastic meningitis from solid tumors to oral capecitabine. *J Neurooncol* 65(2):167-72, 11/2003. PMID: 14686737.
15. Boeve BF, Tremont-Lukats IW, Waclawik AJ, Murrell JR, Hermann B, Jack CR, Shiung MM, Smith GE, Nair AR, Lindor N, Koppikar V, Ghetti B. Longitudinal characterization of two siblings with frontotemporal dementia and parkinsonism linked to chromosome 17 associated with the S305N tau mutation. *Brain* 128(Pt 4):752-72. e-Pub 12/2004. PMID: 15615814.
16. Burton AW, Reddy SK, Shah HN, Tremont-Lukats IW, Mendel E. Percutaneous vertebroplasty--a technique to treat refractory spinal pain in the setting of advanced metastatic cancer: a case series. *J Pain Symptom Manage* 30(1):87-95, 7/2005. PMID: 16043012.
17. McDonald JM, See SJ, Tremont IW, Colman H, Gilbert MR, Groves M, Burger PC, Louis DN, Giannini C, Fuller G, Passe S, Blair H, Jenkins RB, Yang H, Ledoux A, Aaron J, Tipnis U, Zhang W, Hess K, Aldape K. The prognostic impact of histology and 1p/19q status in anaplastic oligodendroglial tumors. *Cancer* 104(7):1468-77, 10/2005. PMID: 16088966.
18. Tremont-Lukats IW, Challapalli V, McNicol ED, Lau J, Carr DB. Systemic administration of local anesthetics to relieve neuropathic pain: a systematic review and meta-analysis. *Anesth Analg* 101(6):1738-49, 12/2005. PMID: 16301253.
19. Challapalli V, Tremont-Lukats IW, McNicol ED, Lau J, Carr DB. Systemic administration of local anesthetic agents to relieve neuropathic pain. *Cochrane Database Syst Rev*(4):CD003345, 2005. PMID: 16235318.
20. Tremont-Lukats IW, Hutson PR, Backonja MM. A randomized, double-masked, placebo-controlled pilot trial of extended IV lidocaine infusion for relief of ongoing neuropathic pain. *Clin J Pain* 22(3):266-71, Mar-Apr, 3/2006. PMID: 16514327.
21. Groves MD, Puduvalli VK, Chang SM, Conrad CA, Gilbert MR, Tremont-Lukats IW, Liu TJ, Peterson P, Schiff D, Cloughesy TF, Wen PY, Greenberg H, Abrey LE, DeAngelis LM, Hess KR, Lamborn KR, Prados MD, Yung WK. A North American brain tumor consortium (NABTC 99-04) phase II trial of temozolomide plus thalidomide for recurrent glioblastoma multiforme. *J Neurooncol* 81(3):271-7, 2/2007. e-Pub 9/2006. PMID: 17031561.
22. Tremont-Lukats IW, Ratilal BO, Armstrong T, Gilbert MR. Antiepileptic drugs for preventing seizures in people with brain tumors. *Cochrane Database Syst Rev*(2):CD004424, 2008. PMID: 18425902.
23. Tremont-Lukats IW, Garciarena P, Juarbe R, El-Abassi RN. The immune inflammatory reconstitution syndrome and central nervous system toxoplasmosis. *Ann Intern Med* 150(9):656-7, 5/2009. PMID: 19414855.
24. Tremont-Lukats IW. The Toxicity of Chemotherapy and Radiotherapy on the Central Nervous System. *J Support Oncol*. e-Pub 4/2012. PMID: 22542044.
25. Alexander BM, Wang M, Yung WK, Fine HA, Donahue BA, Tremont IW, Richards RS, Kerlin KJ, Hartford AC, Curran WJ, Mehta MP. A phase II study of conventional radiation therapy and thalidomide for supratentorial, newly-diagnosed glioblastoma (RTOG 9806). *J Neurooncol* 111(1):33-9, 1/2013. PMID: 23086432.
26. Gilbert MR, Dignam JJ, Armstrong TS, Wefel JS, Blumenthal DT, Vogelbaum MA, Colman H, Chakravarti A, Pugh S, Won M, Jeraj R, Brown PD, Jaeckle KA, Schiff D, Stieber VW, Brachman DG, Werner-Wasik M, Tremont-Lukats IW, Sulman EP, Aldape KD, Curran WJ, Mehta MP. A Randomized Trial of Bevacizumab for Newly Diagnosed Glioblastoma. *N Engl J Med* 370(8):699-708, 2/2014. PMID: PMC4201043.
27. Kamiya-Matsuoka C, Blas-Boria D, Williams MD, Garciarena P, Tummala S, Tremont-Lukats IW. N-type calcium channel antibody-mediated paraneoplastic limbic encephalitis: A diagnostic challenge. *J Neurol Sci* 338(1-2):188-90, 3/2014. e-Pub 1/2014. PMID: 24462122.
28. Shroff S, Shroff GS, Yust-Katz S, Olar A, Tummala S, Tremont-Lukats IW. The CT halo sign in invasive aspergillosis. *Clin Case Rep* 2(3):113-4, 6/2014. e-Pub 4/2014. PMID: PMC4184607.
29. Anderson MD, Colen RR, Tremont-Lukats IW. Imaging mimics of primary malignant tumors of the central nervous system (CNS). *Curr Oncol Rep* 16(8):399, 8/2014. PMID: 24927848.

30. Mandel JJ, Olar A, Aldape KD, Tremont-Lukats IW. Lomolimuzab induced central nervous system (CNS) toxicity. *J Neurol Sci* 344(1-2):229-31, 9/2014. e-Pub 6/2014. PMID: PMC4157634.
31. Kamiya-Matsuoka C, Shroff S, Tatsui CE, Tremont-Lukats IW, Gilbert MR. Sinking skin flap syndrome in glioblastoma. *BMJ Case Rep* 2014, 2014. e-Pub 11/2014. PMID: 25398923.
32. Mandel JJ, Tummala S, Woodman KH, Tremont-Lukats I. Delayed imaging abnormalities of neuro-invasive West Nile virus in cancer patients. *J Neurol Sci* 350(1-2):115-7, 3/2015. e-Pub 2/2015. PMID: 25702151.

#### **Invited Articles**

N/A

#### **Editorials**

N/A

#### **Other Articles**

1. Gilbert MR, Armstrong T, Tremont-Lukats IW. Seizures in patients with brain tumors. *Topics in Seizure Management*, 2002.

#### **Abstracts**

1. Tremont IW, Tummala S. The Ommaya Green Project. Presented at The University of Texas System Clinical Safety and Effectiveness Conference, November 3-5, 2010, Austin, TX, 11/2010.
2. Blas-Boria D, Brown L, Tremont-Lukats I. Lung Metastasis in Anaplastic Meningioma. Presented at the 21st Meeting of the European Neurological Society, Lisbon, Portugal, May 28-31, 2011, 5/2011.
3. Tummala S, Blas-Boria D, Brown L, Walker, J, Schultz D, Lee-Kim S, Lee E, Tremonts-Lukats I. The Ommaya Green Project at the University of Texas M. D. Anderson Cancer Center. Presented at the 21st Meeting of the European Neurological Society, Lisbon, Portugal, May 28-31, 2011, 5/2011.
4. Conrad C, Yung WKA, de Groot J, Gilbert M, Loghin M, Penas-Prado M, Tremont I, Silberman S, Picker D. Phase I Trial of Bevacizumab Plus TPI 287 in Adults with Recurrent Glioblastoma (GBM). Presented at the Society for Neuro-Oncology Annual Meeting, San Francisco, CA, November 21-24, 2013, 11/2013.
5. Kamiya-Matsuoka C, Liao B, Gong Y, Tremont-Lukats IW. Primary Natural Killer/T-cell Lymphoma Presenting as Leptomeningeal Disease. Presented at the 2014 Joint Congress of European Neurology, Istanbul, Turkey (EP3139), 6/2014.

#### **Book Chapters**

1. Mehta MP, Tremont-Lukats IW. Evaluation and management of brain metastases. In: *American Society of Clinical Oncology Educational Book*. Lippincott & Williams: Baltimore, 375-382, 2002.
2. Tremont-Lukats IW, Mehta MP. Brain Metastases. In: *Clinical hematology and oncology: Presentations, diagnosis, and treatment..* Ed(s) B Furie, R Mayer, P Cassileth, M Atkins. Churchill Livingstone: Philadelphia, 1062-1076, 2003.
3. Tremont-Lukats IW. Other CNS Tumors. In: *Saunders Manual of Neurologic Practice*. Ed(s) R Evans. W.B. Saunders: Philadelphia, 290-295, 2003.
4. Tremont-Lukats IW, Bruera E. NK-1 receptor antagonists in the management of nausea and vomiting induced by chemotherapy. In: *Nausea and Vomiting in Chemotherapy*. Ed(s) A Berger. CMP United Business Media, 2004.
5. Mehta MP, Tremont-Lukats IW. Radiosurgery for single and multiple brain metastases. In: *Intracranial Metastases: Current management strategies*. Ed(s) R Sawaya. Blackwell Publishing: Malden MA, 139-164, 2004.
6. Tremont-Lukats IW, Gilbert MR. Cytotoxic chemotherapy for diffuse gliomas. In: *Tumors of the brain and spine*. Ed(s) F DeMonte, MR Gilbert, A Mahajan, IE McCutcheon. M. D. Anderson Cancer Care Series, Springer: New York, 2006.
7. Tremont-Lukats IW, Aldape K. Astroblastomas. In: *Textbook of Neuro-Oncology*. Ed(s) M Berger, M Prados. Saunders: Philadelphia. In Press.

### **Manuals, Teaching Aids, Other Teaching Publications**

1. Mehta MP, Tremont-Lukats IW. Evaluation and management of brain metastases. In: Perry MD (Ed.) American Society of Clinical Oncology Educational Book. Lippincott & Williams: Baltimore, 375-382, 2002.

### **EDITORIAL AND REVIEW ACTIVITIES**

#### **Journal Reviewer**

- Journal Reviewer, Cancer, 2008-present
- Journal Reviewer, Oncology, 2008-present
- Journal Reviewer, Pain Medicine, 2008-present

### **TEACHING**

#### **Other Formal Teaching**

- Instructor, Neuro-Oncology and end-of-life neurology for Neurology residents, Louisiana State University, New Orleans LA
- Assistant Professor, Tulane University, New Orleans, LA
- Assistant Professor, Medical University of South Carolina, Charleston, SC

#### **Clinical Residents and Fellows**

- Louisiana State University, New Orleans LA, Neurology and Neurosurgery residents

### **CONFERENCES AND SYMPOSIA**

#### **Presentations at National or International Conferences**

##### **Invited**

- Glioblastoma, Multiforme and Astrocytomas: Tumors of the Brain, Schering-Plough, Presented at the Journadas De Neuro-Oncologia, Caracas, Venezuela, 3/12/2010
- Blas-Boria D, Brown L, Tremont-Lukats I. Lung Metastasis in Anaplastic Meningioma, Presented at the 21st Meeting of the European Neurological Society, Lisbon, Portugal, 5/28/2011
- Tummala S, Blas-Boria D, Brown L, Walker J, Schultz D, Lee-Kim S, Lee E, Tremont-Lukats I. The Ommaya Green Project at the University of Texas MD Anderson Cancer Center, Presented at the 21st Meeting of the European Neurological Society, Lisbon, Portugal, 5/28/2011
- Theeler B, Ragunathan A, Aldape KD, Tremont-Lukats I. IDH1 Mutation in Chondrosarcoma and Glioma of a Patient with Ollier Disease, Presented at the 22nd Meeting of the European Neurological Society, Barcelona, Spain, 6/9/2013

#### **Other Presentations at State and Local Conferences**

- The Ommaya Green Project, The University of Texas System Clinical Safety and Effectiveness Conference; Building Bridges: Preserving Quality After Health Care Reform, The University of Texas, Austin, TX, 11/4/2010

### **PROFESSIONAL MEMBERSHIPS/ACTIVITIES**

#### **Professional Society Activities, with Offices Held**

##### **National and International**

- European Society of Medical Oncology (ESMO)  
Member, 2009-present
- American Academy of Neurology (AAN)  
Member, 2010-present
- American Society of Clinical Oncology (ASCO)  
Member, 2010-present

European Neurological Society  
Member, 2010-present

Society for Neuro-Oncology (SNO)  
Member, 2010-present

American College of Physicians (ACP)

Cochrane Epilepsy Review Group

Cochrane Pain and Palliative Care Review Group

**Local/State**

Louisiana State Medical Society, LA

**UNIQUE ACTIVITIES**

1. Podcast Recording- Title-Leptomeningeal disease 11/17/2014
2. Podcast Recording -Title- Neurologic/neuro-muscular disorders when going through cancer treatment 11/17/14