



CEDARS-SINAI MEDICAL CENTER.
Maxine Dunitz Neurosurgical Institute

Moise Danielpour, MD

Director of Pediatric Neurosurgery, Maxine Dunitz Neurosurgical Institute
Director of Neurological Surgery Residency Training Program
Assistant Professor of Neurological Surgery
Cedars-Sinai Medical Center
Maxine Dunitz Neurosurgical Institute
8631 W. Third St., Suite 800 E, Los Angeles, CA 90048
Office (310) 423-7900
Fax (310) 423-7955

Education:

University of California, Los Angeles, California
Biological Science 1988

Albert Einstein College of Medicine, New York, New York
Medical Degree 1992

Post-Graduate Training:

Albert Einstein College of Medicine, New York, New York
American Heart Association Medical Student Research Fellow 1992-1993

Northwestern Memorial Medical Center, Chicago, Illinois,
Resident, Neurological Surgery 1993-1999

University of California, San Francisco and Stanford University
San Francisco, California, Fellow, Pediatric Neurosurgery 1999-2000

Academic Appointments:

Chief Resident and Instructor
Department of Neurosurgery
Northwestern University Medical Center
Chicago, Illinois 1998-1999

Clinical Instructor
Department of Pediatric Neurosurgery
Stanford-UCSF Medical Center
San Francisco, California 1999-2000

Director, Neurological Surgery Residency Training Program
Department of Neurosurgery
Cedars-Sinai Medical Center
Los Angeles, California 2005-present

Administrative Appointments:

Director, Division of Pediatric Neurosurgery
Maxine Dunitz Neurosurgical Institute
Department of Surgery
Cedars-Sinai Medical Center
Los Angeles, California 2000 -Present

Team Leader and directed internal review
ACGME approved anesthesia residency program 2007 -Present

Honors and Awards:

Golden Key National Honors Society 1998
Best Surgeons
Best Doctors
Patients' Choice Award 2009
Patients' Choice Award 2010

Professional Societies and Memberships:

American Association of Neurosurgeons Member 2000-Present
Congress of Neurological Surgeons Member 2000-Present
Western Neurosurgical Society Member 2008-Present
American Society of Pediatric Neurosurgery Member 2010-Present
American College of Surgeons Member 2010-Present

Certificates and Licensure:

California State Medical License Present
Diplomat, American Board of Neurological Surgery 2004

University and Hospital Committees:

Chair, First Annual Conference on Pediatric Neurological Disorders,
Cedars-Sinai Medical Center 2000
Member and Co-Author, "Guidelines for CT Scans in the Pediatric Population",
Cedars-Sinai Medical Center 2001
Chair, Strategic Planning Myelomeningocele Center,
Cedars-Sinai Medical Center
Surgical Step-Down Unit, 2001
Cedars-Sinai Medical Center
Senate Committee, 2001
Cedars-Sinai Medical Center
Pediatric Planning Committee, 2001
Cedars-Sinai Medical Center
Chair, "Healing the Children" Humanitarian Efforts in Guatemala,
Cedars-Sinai Medical Center 2000-2002
Search Committee: Pediatric Epileptologist Director,
Cedars-Sinai Medical Center 2001
Co-Chair, Fetal Surgery Center with OBGYN Department,
Cedars-Sinai Medical Center 2001
Committee Working with Non-Invasive Intracranial Pressure Monitoring,
Cedars-Sinai Medical Center 2001-Present

Installation of Intra-operative MRI Committee	2002-Present
SCAN/Child Abuse Committee	2002-Present
Committee for Pediatric Surgical Services, Cedars-Sinai Medical Center	2002-Present
Pediatric Advisor, Outside Scan Review Program, Cedars-Sinai Medical Center	Present
Department of Imaging, Cedars-Sinai Medical Center	
Installation of Intraoperative MRI, Cedars-Sinai Medical Center	2002-Present
SCAN/Child Abuse Committee,	
Cedars-Sinai Medical Center	2002-Present
Committee for Pediatric Surgical Services, Cedars-Sinai Medical Center	2002-Present
Pediatric Planning Committee, Cedars-Sinai Medical Center	Present

Other Services:

Pediatric Advisor for Children with Brain Tumors, the H.E.L.P Support Group
 Faculty Mentor to students in the CSMC Ahmanson Department of Pediatrics
 Faculty Mentor to participants of CSMC Project Medical Education Workshop

Educational Media:

ABC News: Pediatric Brain Tumor Segment with Dr. Black & the Iacono Family	2002
World New Tonight, with Peter Jennings: Craniopagus Twins Segment	2003
CNN: Traumatic Brain Injury in Children	
KNX Radio : Concussive Head Injury in Children	

Research Experience:

Department of Biology, UCLA: Antiidiotypic Activity of Antisera to Be Used in the Manipulation of Idiotypic Networks.	1986
Molecular Biology Institute, UCLA: The Role of Protein Kinase C in Cytotoxic Activity by Cytotoxic T Lymphocytes.	1987
Department of Cellular Biology, Albert Einstein College of Medicine: Using Antiidiotypic Antibodies to Study the Evolution of Immune Response and its Relationship to Biological Mimicry and Autoimmune Disease.	1989
Cedars-Sinai Medical Center Clinical Trial: Immunotherapy for Pediatric Brain Tumors – Co-Investigator	

Publications in Scientific Journals:

1. Sherman MP, **Danielpour M**, Roberts RL, Stiehm ER: Oxygen scavengers depress phagocytic defenses of neonatal lung. Pediatric Research 20:440A, 1986.

2. Yeung BKF, **Danielpour M**, Matsumura JS, Ailawadi G, Batjer HH, Yao JS: Incidental asymptomatic cerebral aneurysms in patients with extracranial cerebrovascular disease: Is this a case against carotid endarterectomy without arteriography? Cardiovascular Surgery 2000 8(7):513-518,
3. **Danielpour M**, Peacock WJ, Epilepsy surgery in children. Clin Neurosurg. 2000;47:400-21.
4. **Danielpour M**, A case report: Isolated langerhans cell histiocytosis of the pituitary stalk. NET Magazine, Summer 2001.
5. **Danielpour M**, Von Koch C, Peacock WJ: Disconnective hemispherectomy: A novel approach. Pediatric Neurosurgery 2001 Oct;35(4):169-172.
6. Zandian M, Matundan H, **Danielpour M**, Kreuger RC, Jr.: Accumulation of transforming growth factor-beta2 and nitrated chondroitin sulfate proteoglycans in cerebrospinal fluid correlates with poor neurologic outcome in preterm hydrocephalus. Biol Neonate. 2005;88(1):1-11. Epub 2005 Feb 10.
7. Farmer DL, Von Koch C, Peacock W, **Danielpour M**, Gupta N, Lee Hammin L, Harrison M: In utero repair myelomeningocele: Experimental pathophysiology, initial clinical experience and outcomes. Arch Surg. 2003 Aug;138(8):872-8.
8. Chow LC, Soliman A, Zandian M, **Danielpour M**, Krueger RC, Jr.: Accumulation of transforming growth factor - β 2 and nitrated chondroitin sulfate proteoglycans in cerebrospinal fluid correlates with poor neurologic outcome in preterm hydrocephalus. Biol Neonate. 2005;88(1):1-11 Epub 2005 Feb 10.
9. Wang R, Visootsak J, **Danielpour M**, Graham JM, Jr.: Midline defects in FG syndrome: Does tethered spinal cord contribute to the phenotype? J Pediatr. 2005 April;146(4):537-41.
10. Das A, Simmons C, **Danielpour M**: A congenital brain tumor associated with assisted in vitro fertilization. J Neurosurg 2005 Nov;103 (5 Suppl):451-3
11. Krueger RC, Hwo W, Zandian M, **Danielpour M**, Kabos P, Yu JS, Sun Y: Neural progenitors populate the cerebrospinal fluid of preterm patients with hydrocephalus. J Pediatr. Vol. 148, 2006 March (3), 337-340
12. **Danielpour M**: Surgical management of cerebellar tonsillar herniation in three patients with Macrocephaly-Cutis Marmorata Telangiectatica Congenita – J Pediatr. 2007; Apr;106 (4 Suppl): 296-301
13. **Danielpour M**, Wilcox W, Pressman B, Rimoin D, Alanay Y: Dynamic Cervicoedullary Cord Compression and Alterations in Cerebrospinal Fluid Dynamics in Children with Achondroplasia. J Neurosurg (6 Suppl Pediatrics) 107:504–507, 2007
14. Conway R., Pressman B., Dobyns W., **Danielpour M.**, Lee J., Sanchez-Lara P., Butler M., Zackai E., Campbell L., Saitta S., Clericuzio C., Milunsky J., Hoyme E., Shieh J., Moeschler J., Crandall B., Lauzon L., Viskochil D., Harding B., Graham Jr. J.: Neuroimaging Findings in Macrocephaly-Capillary Malformation: A Longitudinal Study of 17 Patients. American Journal of Medical Genetics A. 2007 Dec 15;143(24):2981-3008
15. Mamelak A., **Danielpour M.**, Black, K., Masanobu H., Berci G.: A High Definition Exoscope System for Neurosurgery and Other Microsurgical Disciplines: Preliminary report. Surg Innov 2008 Mar;15(1):38-46.

16. Moftakhar P, Fan X, Hurvitz CH, Black KL, **Danielpour M.** : Long-term survival in a child with a central nervous system medulloepithelioma. *J Neurosurg Pediatr*, 2008 Nov;2(5):339-45. Review.
17. Moftakhar P, **Danielpour M**, Maya M, Alexander MJ: Spontaneous thrombosis of neonatal vein of Galen malformation. *Neurosurg Focus*. 2009 Nov;27(5):E12.
18. Buchbinder D, **Danielpour M**, Yong WH, Salamon N, Lasky J.: Treatment of atypical central neurocytoma in a child with high dose chemotherapy and autologous stem cell rescue.: *J Neurooncol*, 2009 Nov 19.

Presentations, Abstracts and Posters at National Meetings

1. **Danielpour M:** Effects of toxic oxygen species scavengers on adult and neonatal lung defenses in the rabbit model. American Heart Association Round Table Discussion, April 1985.
2. Graham JM Jr., Earl DL, **Danielpour M**, Jabs EW: A patient with Boston craniosynostosis. Proceedings of the Greenwood Genetics Center, 21:144, 2002. XXII David W. Smith Workshop on Malformations and Morphogenesis. Lake Arrowhead, CA, September 2001.
3. Wang R, **Danielpour M**, Gruskin D, Graham JM, Jr.: Dandy Walker malformation and tethered spinal cord: A new association? Proceedings of the Greenwood Genetics Center, 21:82-83, 2002. XXII David W. Smith Workshop on Malformations and Morphogenesis. Lake Arrowhead, CA, September 2001.
4. Graham JM Jr, Earl DL, **Danielpour M**, Jabs EW: A patient with Boston craniosynostosis. The Society for Craniofacial Genetics Meeting. San Diego, CA, October 2001.
5. Graham JM Jr., Earl, DL, **Danielpour M**: A patient with Boston craniosynostosis. Poster for AANS/CNS Pediatric Neurological Surgery Section Meeting. New York, NY, 2002.
6. **Danielpour M**, Wang R, Graham JM, Jr.: Dandy Walker malformation and tethered spinal cord: a new association? Poster for AANS/CNS Pediatric Neurological Surgery Section Meeting. New York, NY, 2002.
7. Chow, L.C., Soliman, A., Zandian, M., **Danielpour, M.** and Krueger, Jr. R.C.: Transforming growth factor - β 1, - β 2 (TGF - β 1, TGF - β 2), chondroitin sulfate proteoglycans (CSPGs), and nitrated CSPGs (nt-CSPGs) in cerebrospinal fluid: prediction of ventriculoperitoneal shunt (VPS) after intraventricular hemorrhage in preterm infants. Pediatric Res. 53, 351A (platform presentation at 2003 SPR – Seattle, Washington)
8. Chow, L, **Danielpour M**, and Krueger RC, Jr.: Transforming growth factor - β 2 and Chondroitin Sulfate Proteoglycan in human CSF, but not transforming growth factor - β 1, correlate with hydrocephalus in infants. 30th Annual Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Pediatric Neurological Surgery, New York, NY, 2001.

9. Soliman, A., Chow, L.C., Zandian, M., **Danielpour, M.** and Krueger, Jr., RC - Transforming growth factor - β 2 (TGF - β 2), chondroitin sulfate proteoglycans (CSPGs), and nitrated CSPGs (nt-CSPGs) in human cerebrospinal fluid correlate with periventricular leukomalacia (PVL) and neurological outcome. Pediatr Res. **53**, 540A – Poster symposium at 2003 SPR – Seattle, Washington
10. Krueger, Jr, R.C., Kabos, P., Mantundan, H., Zandian, M., A.R. Ferrell, A.P., **Danielpour, M.** and Yu, J.S: Neural precursors populate the cerebrospinal fluid in human preterm hydrocephalus and synthesize chondroitin sulfate proteoglycans: Role in CNS precursor biology. J. Invest. Med **52** S96 – Oral Presentation at 2004 WPSR Carmel, CA
11. Krueger, Jr. R.C., Kabos, P., Matundan, H., Zandian, M., A.R. Ferrell, A.P., **Danielpour, M.** and Yu, J.S.: Neural precursors populate the cerebrospinal fluid in human preterm hydrocephalus and synthesize chondroitin sulfate proteoglycans (CSPGs) during proliferation: role in CNS precursor biology. Peds. Res. **55**, 2326A – Poster symposium presentation at 2004 SPR San Francisco, CA
12. **Moise Danielpour, M.D.**; William R. Wilcox, M.D. PhD; Yasemin Alanay, M.D.; David L. Rimoin, M.D. PhD: Dynamic Cervicomedullary Cord Compression and Alterations in Cerebrospinal Fluid Dynamics in Children with Achondroplasia. AANS/CNS Section on Pediatric Neurological Surgery December 2006 Denver, CO
13. **Moise Danielpour, M.D.**; William R. Wilcox, M.D. PhD; Yasemin Alanay, M.D.; David L. Rimoin, M.D. PhD: Dynamic Cervicomedullary Cord Compression and Alterations in Cerebrospinal Fluid Dynamics in Children with Achondroplasia. International Skeletal Dysplasia Society Meeting July 2007 Albi, France presented by Dr. David Rimoin
14. **Moise Danielpour, M.D.**; William R. Wilcox, M.D. PhD; Yasemin Alanay, M.D.; David L. Rimoin, M.D. PhD: Dynamic Cervicomedullary Cord Compression and Alterations in Cerebrospinal Fluid Dynamics in Children with Achondroplasia. Western Neurosurgical Society September 2007, Hawaii, HI
15. **Danielpour M**, Wilcox W, Rimoin DL: Dynamic Cervicomedullary Cord Compression and Alterations in Cerebrospinal Fluid Flow in Children with Achondroplasia , Annual Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Pediatric Neurological Surgery, Denver, Colorado, 2006
16. Moftakhar P, **Danielpour M** log term followup dynamic Cervicomedullary Cord Compression in Children with Achondroplasia, Annual Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Pediatric Neurological Surgery, Washington, 2008
17. Gate D, **Danielpour M**, Figueoroa K, Bannyhk S, Town T. Ciliopathy and Medulloblastoma: Evidence from mouse models and human cases (2009) (poster). American Association of Neurological Surgeons Annual Meeting, San Diego, CA.
18. Gate D, **Danielpour M**, Lang J, Figueroa K, Bannyhk S, Breunig J, Town T. Ciliopathy and Medulloblastoma: Evidence from Human Cases and a Mouse Model of Ciliary Loss (2009) (poster) Joint Meeting of the Society for Neuro-Oncology and the AANS/CNS Section on Tumors, New Orleans, LA
20. Gate D, **Danielpour M**, Joshua J. Breunig, and Town, Terrence. Stumpy Promotion of Microtubule Polymerization as a Medulloblastoma Therapeutic Target , Second Annual Samuel Oschin Comprehensive Cancer Institute Research Poster Presentation, July 2010.

Book Chapters

1. Shirzadi A, **Danielpour M.** Pediatric Ependymoma. in Controversies in Pediatric Neurosurgery, Jallo, Kothbauer, and Pradilla editors, Thieme publishing, April 2010
2. Drazin D, **Danielpour M.** Selective Dorsal Root Rhizotomy for Spasticity, in Schmidt and Sweet. In Press
3. Askari M, **Danielpour M**, Urata M. Syndromic Craniosynostosis, in Neurosurgery Tricks of the Trade, Thieme Publishing in press
4. Askari M, **Danielpour M**, Urata M. Non Syndromic Craniosynostosis, in Neurosurgery Tricks of the Trade, Thieme Publishing in press

Grand Rounds and Invited Lectures:

1. **Danielpour M:** Controversies in the management of pineal region tumors. Department of Neurosurgery Grand Rounds, Northwestern University, July 1998.
2. **Danielpour M:** Myelomeningocele: Past, present and future. Department of Pediatrics Grand Rounds, Cedars-Sinai Medical Center, October 2000
3. **Danielpour M:** Occult spinal cord malformations: A guide for the busy clinician. Department of Pediatrics Neonatology Conference, Cedars-Sinai Medical Center, December 2000.
4. **Danielpour M:** Intrauterine repair of myelomeningocele. Department of Obstetrics and Gynecology Grand Rounds, Cedars-Sinai Medical Center, December 2000.
5. **Danielpour M:** Invited lecture: Surgery for childhood epilepsy. Los Angeles Epilepsy Foundation, November 2000.
6. **Danielpour M:** Occult spinal cord malformations: What are they and what to look for in the well baby nursery. Department of Pediatrics Grand Rounds, Cedars-Sinai Medical Center, January 2001.
7. **Danielpour M:** What to look for in the well baby nursery. In-Service Pediatric Nurses, Cedars-Sinai Medical Center, January 2001.
8. **Danielpour M:** Invited Lecture: Pediatric brain tumors. H.E.L.P. Support Group, January 2001.
9. **Danielpour M:** Myelomeningocele: Past, present & future. Department of Pediatrics Grand Rounds, St. Johns Medical Center, January 2001.
10. **Danielpour M:** Surgery for craniosynostosis. Division of Pediatrics Neonatology Rounds, Cedars-Sinai Medical Center, February 2001.

11. **Danielpour M:** Pediatric neurosurgery. Pediatric Case Managers Symposium, Beverly Hills Country Club. May 2001.
12. **Danielpour M:** Overview of clinical options for neurological disorders, 'track A' epilepsy. Surgery for epilepsy: Why--why not? MDNSI Pediatric Conference for Neurological Disorders, Cedars-Sinai Medical Center, May 2001.
13. **Danielpour M:** Hydrocephalous and shunt malfunction in children. Grand Rounds, Los Robles Regional Medical Center, June 2001.
14. **Danielpour M:** Pediatric brain tumors: The journey. Cedars-Sinai Healthcare College, April 2002.
15. **Danielpour M:** Hydrocephalus. St. Francis Medical Center, May 2002.
16. **Danielpour M:** Occult spinal dysraphism. St. Francis Medical Center, May 2002.
17. **Danielpour M:** Contrasts between surgical criterion in adult and pediatric epilepsy. St. Francis Medical Center, May 2002.
18. **Danielpour M:** Vaccine therapy for malignant brain tumors in children: A new approach. St. Francis Medical Center, May 2002.
19. **Danielpour M:** Neonatal hydrocephalus: A primer for diagnosis and treatment. Saint Francis Medical Center Invited Lectureship, Neonatology Conference, May 2002.
20. **Danielpour M:** New approaches for the treatment of pediatric brain tumors. Conference: Current Concepts in the Treatment of Brain Tumors, June 2002.
21. **Danielpour M:** Congenial brain tumors. Pediatric Case Conference, Cedars-Sinai Medical Center, December 2002.
22. **Danielpour M:** Chiari malformation and syringomyelia. Pediatric Spine Symposium, Cedars-Sinai Medical Center, January 2003.
23. **Danielpour M:** Congenital hydrocephalus. Pediatric Spine Symposium, Cedars-Sinai Medical Center, January 2003.
24. **Danielpour M:** The fetus as a patient. Congenital Hydrocephalus Symposium, Cedars-Sinai Medical Center, March 2003.
25. **Danielpour M:** Brain abscesses in children. Pediatric Grand Rounds, Cedars-Sinai Medical Center, May 2003.
26. **Danielpour M:** Closed head injury in the pediatric patient. Pediatric Case Conference, Cedars-Sinai Medical Center.
27. **Danielpour M:** Pediatric neurosurgery at Cedars-Sinai. Ben Kagan Lectureship, Cedars-Sinai Medical Center, June 2003.
28. **Danielpour M:** Pediatric Neurosurgery – Challenges and New Developments. Symposia on Advances in Pediatric Surgery Beijing Children's Hospital, May 2005
29. **Danielpour M:** Updates in Pediatric Brain Tumors. Bakersfield Memorial Hospital, CHW September 16, 2006

30. **Danielpour M:** New perspectives on diagnosis and treatment of pediatric brain tumors. Santa Monica UCLA Hospital September 27, 2006
31. **Danielpour M:** Challenging Cases in the Management of Pituitary Disease. Pediatric Case Conference, Cedars-Sinai Medical Center January 30, 2007
32. **Danielpour M:** Neurosurgical Complications of Achondroplasia and Dynamic Cervicomedullary Compression. Gillette Childrens Hospital, Visiting Professor Grand Rounds, July 2009
33. **Danielpour M:** Pediatric Medulloblastoma; A ciliopathy?. White Memorial Medical Center, August 2009