



**CEDARS-SINAI MEDICAL CENTER.**  
**Maxine Dunitz Neurosurgical Institute**

**Moise Danielpour, MD**

Director of Pediatric Neurosurgery, Maxine Dunitz Neurosurgical Institute

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

**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

**Administrative Appointments:**

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

### **Honors and Awards:**

Golden Key National Honors Society 1998

### **Professional Societies and Memberships:**

American Association of Neurosurgeons  
Congress of Neurological Surgeons  
Surgical Step-Down Unit,  
Cedars-Sinai Medical Center  
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

### **Certificates and Licensure:**

California State Medical License Present

### **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,  
Cedars-Sinai Medical Center 2001  
Senate Committee,  
Cedars-Sinai Medical Center 2001  
Pediatric Planning Committee,  
Cedars-Sinai Medical Center 2001  
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

### **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

### **Patents Awarded:**

Developed non-invasive intracranial pressure monitoring device  
Developed cranial stereotaxy device

### **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

### **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

### **Grant Support Awarded:**

Fellow, American Heart Association Summer Fellowship, UCLA:  
The Effects of Toxic Oxygen Species Scavengers on Neonate and Adult Lung Defenses in a Rabbit Model. 1985

Fellow, American Heart Association Fellowship, Albert Einstein College of Medicine:  
The Role of P53, RB, and P189 Antioncogenes in the Growth and Differentiation of Neuronal Cell Lines. 1992

Co-Investigator, National Institute of Mental Health:  
Repair of Human Fetal Myelomeningocele.

Co-Investigator, National Institute of Mental Health:  
Model for Chiari II Malformation in Fetal Sheep.

Co-Investigator, National Institute of Mental Health:  
Gene Therapy.

Co-Investigator, National Institute of Mental Health:  
Changes in Neural Precursor Differentiation in Preterm Infants with Hydrocephalus.

### **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 8(7):513-518, 2000.
3. Zachary R, **Danielpour M**, Peacock, WJ. Filum terminale ependymoma in patient with a lipomyelomeningocele. Experimental Neurosurgery.
4. **Danielpour M**, Peacock WJ, et al. Use of amniotic membrane in utero for skin closure in child with rachischisis lesion. Pediatric Neurosurgery.
5. **Danielpour M**, Peacock WJ, Epilepsy surgery in children. Clinical Neurosurgery 47:400-421, 2000.
6. **Danielpour, M**, Peacock, WJ: Hemispherectomy for childhood epilepsy. Pediatric Neurosurgery, 2000.
7. **Danielpour M**, Peacock WJ: Multiple subpial transection for the treatment of childhood epilepsy. Pediatric Neurosurgery, 2000.
8. **Danielpour M**, A case report: Isolated langerhans cell histiocytosis of the pituitary stalk. NET Magazine, Summer 2001.
9. **Danielpour M**, Von Koch C, Peacock WJ: Disconnective hemispherectomy: A novel approach. Pediatric Neurosurgery 35(4):169-172, 2001.
10. Zandian M, Matundan H, **Danielpour M**, Kreuger RC, Jr.: Large chondroitin sulfate proteoglycans of the aggrecan gene family accumulate in cerebrospinal fluid of preterm human infants with hydrocephalus: Molecular, immunological, and biochemical characterization. Arch Biochem Biophys., 2003.
11. 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. Archives of Surgery, 2003.
12. Chow LC, Soliman A, Zandian M, **Danielpour M**, Krueger RC, Jr.: Transforming growth factor  $-\beta_2$  and chondroitin sulfate proteoglycans in cerebrospinal fluid I: Role in hydrocephalus in neonates before 40 weeks post-conceptual age. J Pediatr., 2003.
13. Soliman A, Chow LC, Zandian M, **Danielpour M**, and Krueger RC, Jr.: Transforming growth factor  $-\beta_2$  and chondroitin sulfate proteoglycans in cerebrospinal fluid II: Peroxynitrite modifications and predictions of white matter injury and developmental outcome. J Pediatr., 2003.
14. Wang R, Visootsak J, **Danielpour M**, Graham JM, Jr.: Midline defects in FG syndrome: Does tethered spinal cord contribute to the phenotype? J Pediatr. 146(4):537-541, 2005.
15. Krueger, RC, Hao Wu, Mandana Z, **Danielpour M**, Kabos P, Yu JS, Sun YE: Neural progenitors populate the cerebrospinal fluid of preterm patients with hydrocephalus.

16. Das A, Simmons C, **Danielpour M**: A congenital brain tumor associated with assisted in vitro fertilization. J Pediatr. 103(5): 451-453, 2005.

**Published Abstracts, Book Reviews, Letters to the Editor, and Scientific Presentations:**

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. **Danielpour M**: Controversies in the management of pineal region tumors. Department of Neurosurgery Grand Rounds, Northwestern University, July 1998.
3. **Danielpour M**: Invited comments: Surgery for childhood epilepsy. Congress of Neurological Surgery, 1999.
4. **Danielpour M**: Myelomeningocele: Past, present and future. Department of Pediatrics Grand Rounds, Cedars-Sinai Medical Center, October 2000.
5. **Danielpour M**: Invited comments: Surgery for childhood epilepsy. Los Angeles Epilepsy Foundation, November 2000.
6. **Danielpour M**: Occult spinal cord malformations: A guide for the busy clinician. Department of Pediatrics Neonatology Conference, Cedars-Sinai Medical Center, December 2000.
7. **Danielpour M**: Intrauterine repair of myelomeningocele. Department of Obstetrics and Gynecology Grand Rounds, Cedars-Sinai Medical Center, December 2000.
8. Chow, L, **Danielpour M**, and Krueger RC, Jr.: Transforming growth factor  $-\beta_2$  and chondroitin sulfate proteoglycan in human CSF, but not transforming growth factor  $-\beta_1$ , 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. **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.
10. **Danielpour M**: What to look for in the well baby nursery. In-Service Pediatric Nurses, Cedars-Sinai Medical Center, January 2001.
11. **Danielpour M**: Pediatric brain tumors. H.E.L.P. Support Group, January 2001.
12. **Danielpour M**: Myelomeningocele: Past, present & future. Department of Pediatrics Grand Rounds, St. Johns Medical Center, January 2001.
13. **Danielpour M**: Surgery for craniosynostosis. Department of Pediatrics Neonatal Lecture, Cedars-Sinai Medical Center, February 2001.
14. **Danielpour M**: Occult spinal cord malformations. In-Service Pediatric Nurses, Cedars-Sinai Medical Center, March 2001.
15. **Danielpour M**: Pediatric neurosurgery. Pediatric Case Managers Symposium, Beverly Hills Country Club. May 2001.

16. **Danielpour M:** Myelomeningocele: Past, present, and future. In-Service Pediatric Nurses, Cedars-Sinai Medical Center, May 2001.
17. **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.
18. **Danielpour M:** Hydrocephalous and shunt malfunction in children. Grand Rounds, Los Robles Regional Medical Center, June 2001.
19. 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.
20. 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.
21. 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.
22. Graham JM Jr., Earl, DL, **Danielpour M:** A patient with Boston craniosynotosis. Poster for AANS/CNS Pediatric Neurological Surgery Section Meeting. New York, NY, 2002.
23. **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.
24. **Danielpour M:** Pediatric brain tumors: The journey. Cedars-Sinai Healthcare College, April 2002.
25. **Danielpour M:** Hydrocephalus. St. Francis Medical Center, May 2002.
26. **Danielpour M:** Occult spinal dysraphism. St. Francis Medical Center, May 2002.
27. **Danielpour M:** Contrasts between surgical criterion in adult and pediatric epilepsy. St. Francis Medical Center, May 2002.
28. **Danielpour M:** Vaccine therapy for malignant brain tumors in children: A new approach. St. Francis Medical Center, May 2002.
29. **Danielpour M:** Neonatal hydrocephalus: A primer for diagnosis and treatment. Saint Francis Medical Center Invited Lectureship, Neonatology Conference, May 2002.
30. **Danielpour M:** New approaches for the treatment of pediatric brain tumors. Conference: Current Concepts in the Treatment of Brain Tumors, June 2002.
31. **Danielpour M:** Congenial brain tumors. Pediatric Case Conference, Cedars-Sinai Medical Center, December 2002.
32. Chow LC, Soliman A, Zandian M, **Danielpour M**, and Krueger RC, Jr.: Transforming growth factor  $-\beta_1, -\beta_2$  (TGF $-\beta_1, TGF-\beta_2$ ), chondroitin sulfate proteoglycans, and nitrated CSPGs in cerebrospinal fluid: Prediction of ventriculoperitoneal shunt (VPS) after intraventricular hemorrhage in preterm infants. Pediatr Res., 2003.

33. Soliman A, Chow LC, Zandian M, **Danielpour M**, and Kreuger RC, Jr.: Transforming growth factor- $\beta$ 2 (TGF- $\beta$ 2), chondroitin sulfate proteoglycans, and nitrated CSPGs (nt-CSPGs) in human cerebrospinal fluid correlate with periventricular leukomalacia (PVL) and neurological outcome. Pediatr Res., 2003.
34. Kabos P, Yu JS, Krueger RC Jr., **Danielpour M**: CNS precursors and the mechanism of injury in preterm hydrocephalus: Roles of chondroitin sulfate proteoglycans (CSPGs) and transforming growth factor  $\beta$ 2 (TGF- $\beta$ 2).
35. **Danielpour M**: Chiari malformation and syringomyelia. Pediatric Spine Symposium, Cedars-Sinai Medical Center, January 2003.
36. **Danielpour M**: Congenital hydrocephalus. Pediatric Spine Symposium, Cedars-Sinai Medical Center, January 2003.
37. **Danielpour M**: The fetus as a patient. Congenital Hydrocephalus Symposium, Cedars-Sinai Medical Center, March 2003.
38. **Danielpour M**: Brain abscesses in children. Pediatric Grand Rounds, Cedars-Sinai Medical Center, May 2003.
39. **Danielpour M**: Closed head injury in the pediatric patient. Pediatric Case Conference, Cedars-Sinai Medical Center.
40. **Danielpour M**: Pediatric neurosurgery at Cedars-Sinai. Ben Kagan Lectureship, Cedars-Sinai Medical Center, June 2003.