

Curriculum Vitae

ISABELLE M. GERMANO, MD, FACS

ADDRESS

Mount Sinai Medical Center - Box 1136
Department of Neurosurgery
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ACADEMIC APPOINTMENTS

Mount Sinai School of Medicine	1993-present
Assistant Professor Departments of Neurosurgery and Neurology Mount Sinai School of Medicine, New York, NY	7/93-6/97
Associate Professor Departments of Neurosurgery, Neurology, and The Rутtenberg Cancer Center Mount Sinai School of Medicine, New York, NY	7/97-12/04
Professor Departments of Neurosurgery, Neurology, and Oncological Sciences Mount Sinai School of Medicine, New York, NY	1/05-12/08
Tenured Professor	1/2009-present
Director, Diversity Council	2012-present
Stem Cell Black Family Institute, Faculty	2004-present

HOSPITAL APPOINTMENTS

Mount Sinai Hospital	1993-present
Assistant Attending	7/93-6/97
Associated Attending	7/97-12/04
Attending, Department of Neurosurgery	1/05-present
Director, Stereotactic and Tumor program	7/93-7/09
Director, Comprehensive Brain Tumor Program	7/09-present
Co-Director, Radiosurgery Program	7/09-present
Chair-Multidisciplinary Brain Tumor Board	2003-present

Co-Chair- Multidisciplinary Spine Tumor Board 2007-present
Chair- DFG Tisch Cancer Institute 8/09-8/10
Member-PRMC Tisch Cancer Institute 8/08-present
Chair- DFG Tisch Cancer Institute 8/09-8/10
Member- Stem Cell Advisory Council 1/2011-present

EDUCATION

University of Turin Medical School - M. D. 9/78-7/84
Liceum Classicum M. D'Azeglio - B. A. 10/74-7/78
(Sciences, Latin, Ancient Greek)

POSTGRADUATE TRAINING

Albert Einstein College of Medicine
Neurosurgery Epilepsy Fellow 1/93 -6/93

Montreal Neurological Institute
Neurosurgery Epilepsy/Stereotaxy Fellow 7/92 - 12/92

Albert Einstein College of Medicine
Neurosurgery Chief Resident 7/90 - 6/92

University of Zurich
Neurosurgery Epilepsy/Stereotaxy Fellow 1/90 - 6/90

University of California, San Francisco
Neurosurgery Resident 7/88 - 6/90

University of California, San Francisco
General Surgery Internship 7/87 - 6/88

University of California, San Francisco
Neurosurgery - Research Fellow 5/85 - 6/87

University of Torino,
Medical School Department of Neurology 7/84 - 4/85

BOARD CERTIFICATIONS

American Board of Neurological Surgeons 11/95
EEC Neurology Board Certified 7/91

LICENSURES

New Jersey State Medical License (#MA66675) 11/97
New York State Medical License (#182764) 7/90
California State Medical License (#A045469) 10/88
Italian/EEC Medical license 11/84

HONORS/AWARDS/PATENTS

AANS Leksell Radiosurgery Award	2014
America's Top Surgeon	2013
Most Compassionate Top 10 Doctors, Vitals	2013
SuperDoctors, New York Times	2013
Technology Development Award Icahn School of Medicine at Mount Sinai, NY	2013
America's Top Surgeon	2012
SuperDoctors, New York Times	2012
America's Top Surgeon	2011
Marquis Who's Who	1995-present
American Board of Neurological Surgeons (ABNS) Guest Examiner	5/2010
SuperDoctors, NY Times	2009
Cambridge Who's Who	2009
National Institute of Health (NIH) Research grant	2008-2014
National Brain Tumor Foundation Patients' Help Fund	2007-2009
Goldhirsh Brain Tumor Research Award	2007
The Guardian Brain Foundation Medical Advisor	2007-present
National Brain Tumor Foundation Scientific Committee Reviewer	2006-2010
Who is Who Strathmore's Life time member	2006
Best Doctors of New York Castle Connolly	2000-2006

Best Doctors of New York Hall of Fame, Castle Connolly	2000
America's Top Doctors 1-5 th edition Castle Connolly	2000-2006
America's Top Doctors for Cancer 1-2 nd edition Castle Connolly	2002-2006
Top Doctors New York Metro Area Castle Connolly	2000-2006
New York State Certificate of Recognition Awarded by Senator Jeffrey D. Klein Dedication and Service to the Italian Culture and Community	2006
New York City Department of Education and Mount Sinai School of Medicine Certificate of Excellence in Youth Education	2005
New York State Society Neurosurgery Research Award	2004
SUNY Downstate, Neurosurgery Chairman interview	2002
FDA-IDE # G000202 (funded by Industry) DBS of STN or GPi in Parkinson's Disease	2000-2003
Fellow American College of Surgeons (FACS)	1998
FDA-IND # 7009 (funded by Industry) Gene therapy for recurrent malignant gliomas	1997-2004
American Epilepsy Society Research Grant	1995
American Epilepsy Society Research Grant	1994
The New York Academy of Medicine Charles Elsberg Fellowship	1994
Women's Medical Assoc. of New York City Mary Putnam Jacobi Award	1994
American Epilepsy Society W. Penfield Award	1993
Congress of Neurological Surgeons Clinical fellowship award	1992
Albert Einstein College of Medicine	1991

Leo Davidoff Award	
American Society of Neuroimaging Olendorf Award	1989
American Society for Magnesium Research International Symposium Invited Speaker	1987
University of Turin Graduate Neuroscience Thesis Summa cum Laude, High Honors, and Summa Dignitas	1984
University of Turin Medical School Medical degree Summa cum Laude, High Honors and Summa Dignitas	1984
University of Turin Medical School Valedictorian	1978-1984

EXTRA-MURAL PROFESSIONAL APPOINTMENTS

Elected positions in professional societies

<u>American Association of Neurological Surgeons (AANS)</u>	
Young Neurosurgeons Committee	
Member	1998 - 2001
Publication Committee	
Liaison Member	1998 - 2001
Member Benefit Development Committee	
Member	2000 - 2003
Outcomes Committee	
Member	2000 -2003
Scientific Program Committee	
Member	2003 – 2005
Board of Directors	
Liaison Member	2005-2007
Washington Committee AANS/CNS	
Liaison Member	2007-2009
Membership committee	
Member	2008-2011
Residents Mentorship Program	
Member	2008-2015
AANS Annual Meeting	
Abstract reviewer	2000-2014
Coding & Reimbursement Committee	
Member	2013-2015
Guidelines Committee	
Member	2013-2015

AANS/CNS Joint Section on Tumors

Executive Committee Member	2001-present
Member-Education Committee	2001-2003
Editor- Section's Newsletter	2003-2005
Chair-Membership Committee	2005-2007
Chair- Washington Committee	2007-2009
Member-Advisory Board	2009-2011
Chair- Bylaws Committee	2011-2013
Chair- International Committee	2013-2015

Scientific Committee Abstract Reviewer	2002-present
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The Society of Neurological Surgeons (SNS)

Resident Education Committee	
Member	2013-present
Residents Boot Camp	
Faculty	2012-present

American Epilepsy Society (AES)

Scientific Committee	
Member	2003 – 2005

American College of Radiology (ACR)

Guidelines Committee	
Voting Member	2008-2014

Congress of Neurological Surgeons (CNS)

Executive Committee	
Member	1999 - 2002
Leadership Development Chair	1999 - 2002
Information and Technology Committee	2000 - 2002
Scientific Committee	
Luncheon Seminars, Co-Chairman	2002
Open Scientific Session, Co-Chairman	2001
Poster Session, Chairman	2000
Open Scientific Session, Chairman	1999
Practical Courses, Co-Chairman	1998
Public Relations Committee	
Member	1999 – 2002
Resident Committee	
Member	1996
Sergeant-at-Arms	
Member	1994 – 1995

AANS/CNS Joint Section of Functional and Stereotactic
Neurosurgery

Scientific Program Member	1998-present
<u>American College of Surgeons</u> Women's chapter Board of Directors	2008-2010
<u>Alliance for Clinical Trial in Oncology</u> Brain Tumor Steering Committee Member	2011-present
<u>Academic and Community Cancer Research United (ACCRU)</u> Board of Directors	2011-present
<u>Society for Neuro-Oncology</u> Brain Tumor Clinical Trial Steering Committee Member	2011-present
<u>Women in Neurosurgery</u> President Board of Director Member Chair-Nominating Committee	1992-1993 1993-present 2008-present
<u>Federal Drug Administration (FDA)</u> Neurological Devices- Advisory Committee Consultant Neurological Devices- Voting Member Neurological Devices- Voting Member Neurological Devices- Voting member	2002-2006 2004-2008 2008-2012 2012-2016
<u>National Institute of Health (NIH)</u> Neurological Science and Disorders – B Committee Ad-Hoc Reviewer Ad-Hoc Reviewer Developmental Therapeutics NIH/NCI Study Section Reviewer	1998 1999 2012
<u>Harvard Medical School</u> Appointment and Promotions-Ad Hoc Committee	2009
<u>American College of Radiology (ACR)</u> Appropriateness Criteria Voting member	2009-present

Intramural committees

<u>Mount Sinai Hospital Committee Nominations</u> FPA Advisory Board Ruttenberg Cancer Center Committee Housing Committee International Committee Clinical Trial Review Committee MSSM MD/PhD Program	1993 - 2007 1993-present 1999 – 2001 2001-2003 2001-2003
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Applicants Interviewer	2008-present
MSSM Tisch Cancer Institute	
PRMC member	2008-present
PRMC Chairman	2009-2011
DFG Chairman	2010-present
Cancer Mechanisms and Therapeutics	2012
The MSSM Center for Excellence in Youth Education	2009-present

Elected member to professional societies

AANS-CNS Joint Section on Tumors	1996
AANS-CNS Joint Section on Stereotaxy	1999
American Association of Neurological Surgeons	1993
American Epilepsy Society	1993
Congress of Neurological Surgeons	1992
Society for Neuroscience	1993
American Association of Women in Medicine	1990
Women in Neurosurgery	1990
Society for Neuro-Oncology	1993
American College of Surgeons	1995
New York Medical Society	1993
New York Society for Neurosurgery	1993
Society for Neuroscience	1990
New York State Neurosurgical Society	1993
New York City Neurosurgery	1993
World Federation of Neurological Surgeons	2000

Journals' reviewer

Editorial Board

Journal Neuro-Oncology
Future Neurology
Surgical Neurology International
Oncolytic Virotherapy

Ad Hoc

Cancer Research
Epilepsia
European Journal of Neurology
Molecular Therapeutics
Neuroscience
Neurosurgery
New England Journal of Medicine
Stem Cells
Stem Cell Reviews and Reports

TRAINING RECORD

- Shalini Ahuja, BS- Research Coordinator 7/1995-6/1998
Basic Science Epilepsy Research
Ms. Ahuja earned a Masters in Health Science at Mass General
and is presently Director of Child Welfare Watch.
- David Siegal, MD-Neurosurgery Resident 7/95-6/96
Basic Science Brain Tumor Research
Dr. Siegal is a Board Certified neurosurgeon.
- Hunaldo Villalobos, MD- Research Coordinator 8/97-6/99
Image-guided laboratory research
Dr. Villalobos is a Board Certified neurosurgeon.
- Kevin Yao, MD-Neurosurgery Resident 7/00-6/01
Basic Science Brain Tumor Research
Dr. Yao is a Board Certified neurosurgeon.
- Tadashi Komata, MD, PhD-Research Assistant 8/00-4/01
Basic Science Brain Tumor Research
Dr. Komata is an Assistant Professor at the Niigata Brain Institute, Japan.
- Takao Kanzawa, MD, PhD-Research Assistant 4/01-8/03
Basic Science Brain Tumor Research
Dr. Kanzawa is an Assistant Professor at Niigata Central Hospital. Japan.
- Ronald Benveniste, MD-Neurosurgery Resident 7/03-6/04
Basic Science Brain Tumor Research
Dr. Benveniste is an Assistant Professor at the University of Miami.
- Milana Zaurova, High-school 6/03-12/04
Basic Science Brain Tumor Research
Ms. Zaurova earned her BS at Princeton College, graduated from Mount Sinai
Medical School, and is a MSSM Emergency Department Resident.
- Mahmud Uzzman, MD, PhD 6/04-2008
Basic Science Brain Tumor Research
Dr. Uzzman completed his Resident in Internal Medicine, NYCVA, NY
- Zuleka Qadeer, BS, MS 2011 8/09-2012
Mount Sinai Graduate School of Biological Sciences
Thesis Advisor (Master)
Ms. Qadeer is currently a PhD student at MSSM.
- Andrea Carai, MD, PhD (2010) 8/09-12/10
MSSM/University of Sassari Neuroscience Graduate School
Thesis Advisor (PhD)
Dr. Carai is Assistant Professor at Bambino Gesu', Rome, Italy.
- Emanuela Binello, MD, PhD 7/09-6/13
Basic Science Brain Tumor Research

Dr. Binello graduated from Neurosurgery Residency at MSSM and is currently Assistant Professor and Director of Neuro-Oncology, Boston University, MA.

Ernest Barthlemy, MS III, MSSM 2012-2014

Scholar Fellowship Award, Honor in research Award

“A prospective hospital-based study of prevalence and pattern of neurosurgical diseases in Haiti”. He matched in the neurosurgery residency at Mount Sinai.

TEACHING ACTIVITIES

Mount Sinai School of Medicine

Medical students: weekly lectures to MS rotating in Neurosurgery
Neurosurgery residents: bi-weekly neurosurgery-neuroradiology conference
Monthly Journal club scientific articles review
Neurology residents: bi-yearly lecture series
Oncological Sciences post-docs: quarterly J Club scientific articles review

CME courses: Mount Sinai School of Medicine The Page and William Black Post-Graduate School

1. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Director. New York, December 9-10, 1999
2. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Co-Director. New York, December 15-16, 2000
3. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Director. New York, December 16-17, 2001
4. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Director. New York, December 7-8, 2002
5. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Director. New York, December 6-7, 2003
6. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Director. New York, December 3-5, 2004
7. Germano IM. Management of primary brain tumors and metastasis. Faculty, “Neurosurgery for primary care physicians” New York, January 20, 2005
8. Germano IM. Advanced techniques in image-guided brain and spine surgery. Course Director. New York, December 8-10, 2006
9. Germano IM. Management of primary brain tumors and metastasis. Faculty, “Neurosurgery for primary care physicians” New York, January 20, 2007
10. Germano IM and Bruce JN. Advanced techniques in image-guided brain and spine surgery. Course Co-Director. New York, December 14-15, 2008

American Association of Neurological Surgeons

11. Germano IM. Pediatric Epilepsy. Breakfast Seminar, Faculty. American Association of Neurological Surgeons, Denver Colorado. April 12-17, 1997
12. Germano IM. Interactive image-guided Neurosurgery. Practical Course, Faculty. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999
13. Germano IM. Interactive Image-guided Neurosurgery. Practical Clinic. Faculty. American Association of Neurological Surgeons, San Francisco, April 8-13, 2000
14. Germano IM. Brain mapping and epilepsy surgery. Breakfast Seminar, Faculty. American Association of Neurological Surgeons, San Francisco, April 8-13, 2000
15. Germano IM. Image-guided computer-assisted functional neurosurgery. Practical Clinic. Faculty American Association of Neurological Surgeons, Toronto, Canada, April 21-26, 2001
16. Germano IM. Interactive Image-guided Neurosurgery. Practical Clinic. Faculty. American Association of Neurological Surgeons, Chicago, April 6-11, 2002
17. Germano IM. Current technologies and applications for frameless cranial stereotaxy. Breakfast Seminar. Faculty, American Association of Neurological Surgeons, Chicago, April 6-11, 2002
18. Germano IM. Image-guided cranial neurosurgery and intraoperative MRI. Practical Clinic, Faculty, American Association of Neurological Surgeons, San Diego, April 26-30, 2003
19. Germano IM. Advanced techniques and complications for stereotactic resection of intracranial lesions. Breakfast Seminar Faculty, American Association of Neurological Surgeons, San Diego, April 26-30, 2003
20. Germano IM. Is Epilepsy surgery on both hemispheres safe and effective? Discussant, Plenary Session, American Association of Neurological Surgeons, San Diego, April 26-30, 2003
21. Germano IM. Image guided surgery. Practical Clinic, Faculty, Quadrennial meeting of the AANS/CNS Joint section on Stereotactic and Functional Neurosurgery, New York, May 18-21, 2003
22. Germano IM. Non-invasive pre-operative and intra-operative brain mapping. Practical Clinic, Director, American Association of Neurological Surgeons, Orlando, FL, May 1-6, 2004
23. Germano IM. Craniofacial resections in the elderly: an outcome study. Discussant, Plenary Session, American Association of Neurological Surgeons, Orlando, FL, May 1-6, 2004

24. Germano IM. Functional mapping of the cortex: advantages and limitations. Breakfast Seminar, Moderator, American Association of Neurological Surgeons, Orlando, FL, May 1-6, 2004
25. Germano IM. Update on tumor surgery. Symposium, Moderator, American Association of Neurological Surgeons, Orlando, FL, May 1-6, 2004
26. Germano IM. Pre-operative and intraoperative brain mapping, including surgery for epilepsy. Practical Clinic, Director, American Association of Neurological Surgeons, New Orleans, April 16-21, 2004
27. Germano IM. Temozolomide as a targeted therapy for glioblastoma. New insights and predictive value of MGMT silencing. Discussant, Plenary Session, American Association of Neurological Surgeons, New Orleans, April 16-21, 2004
28. Germano IM. Update on tumor surgery. Moderator, Symposium, American Association of Neurological Surgeons, New Orleans, April 16-21, 2005
29. Germano IM. Pre-operative and intraoperative brain mapping, including surgery for epilepsy. Practical Clinic, Director, American Association of Neurological Surgeons, San Francisco, April 22-27, 2006
30. Germano IM. Functional mapping of cerebral cortex; advantages and limitations. Moderator Breakfast Seminar, American Association of Neurological Surgeons, San Francisco, April 22-27, 2006
31. Germano IM. Update on tumor surgery. Moderator, Symposium, American Association of Neurological Surgeons, San Francisco, April 22-27, 2006
32. Germano IM. International brain Tumor Symposium. Moderator, 7th Biennial Joint Section on Tumor meeting, Washington, DC, , April 13-14, 2007
33. Germano IM. Pre-operative and intraoperative brain mapping, including surgery for epilepsy. Practical Clinic, Co-Director, American Association of Neurological Surgeons, Washington, DC, April 14-19, 2007
34. Germano IM. Controversies in Neurosurgery: Vestibular Schwannomas: Radiosurgery versus Surgery, Moderator, American Association of Neurological Surgeons, Washington, DC, April 14-19, 2007
35. Germano IM. Update on tumor surgery. Moderator, Symposium, American Association of Neurological Surgeons, Washington, DC, April 14-19, 2007
36. Germano IM. Brain mapping and Epilepsy Faculty, Practical Course, American Association of Neurological Surgeons, Chicago, April 26-30, 2008
37. Germano IM. Brain mapping and surgery for epilepsies: ultrasound guided resections. American Association of Neurological Surgeons, San Diego, May 1-6, 2009

38. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, Philadelphia, PA, May 1-5, 2010
39. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Philadelphia, PA, May 1-5, 2010
40. Germano IM. Embryonic stem cell-based gene delivery for brain tumors: from bench to bedside. Invited lecture. American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
41. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
42. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
43. Germano IM. Functional Brain Mapping. Faculty, Seminar, American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
44. Germano IM. Discussant: Gamma Knife Thalamotomy for Medically-Refractory Tremor in Patients not Suitable for DBS. American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
45. Germano IM. Functional Brain Mapping. Faculty, Seminar, American Association of Neurological Surgeons, New Orleans, LA, April 27-May 1, 2013
46. Germano IM. Functional Brain Mapping. Faculty, Seminar, American Association of Neurological Surgeons, San Francisco, CA, April 4-9, 2014

Congress of Neurological Surgeons

47. Germano IM. Treatment of CNS infections. Luncheon Seminar, Faculty. Congress of Neurological Surgeons. September 28-October 3, 1996
48. Germano IM. Pallidotomy for Parkinson's disease: techniques and outcome. Luncheon Seminar Faculty. Congress of Neurological Surgeons, New Orleans, LA. September 27-October 2, 1997
49. Germano IM and Guthrie B. Cranial navigation. Practical Course Co-director. Congress of Neurological Surgeons, New Orleans, LA. September 27, 1997
50. Germano IM. Applications of image-guided and endoscopic surgery. Hands-on Workshop, Faculty. Medical Educational Resources, Naples, FL, November 21-23, 1997

51. Germano IM. Movement disorders. Practical Course, Faculty. Congress of Neurological Surgeons, Seattle, Washington. October 3-8, 1998
52. Germano IM. Stereotactic surgery for movement disorders. Luncheon Seminar Moderator. Congress of Neurological Surgeons, Seattle, Washington. October 3-8, 1998
53. Germano IM. Stereotactic surgery for movement disorders. Luncheon Seminar Moderator. Congress of Neurological Surgeons, Seattle, Washington. October 3-8, 1998
54. Germano IM and Guthrie B. Neurosurgical navigation - Cranial. Practical Course Co-director. Congress of Neurological Surgeons, Seattle, Washington. October 3-8, 1998
55. Germano IM and Barbaro N. Cortical mapping and surgery for epilepsy. Practical Course Co-director. Congress of Neurological Surgeons, Seattle, Washington. October 3-8, 1998
56. Germano IM. Pallidotomy and other surgical treatment for Parkinson's diseases. Luncheon Seminar Faculty. Congress of Neurological Surgeons Boston, MA, October 30-November 4, 1999
57. Germano IM and Barbaro N. Cortical mapping and surgery for epilepsy. Practical Course Co-director. Congress of Neurological Surgeons Boston, MA, October 30-November 4, 1999
58. Germano IM and Maciunas R. Image-guided cranial surgical navigation. Practical Course Co-director. Congress of Neurological Surgeons Boston, MA, October 30-November 4, 1999
59. Germano IM and Foley K. Image-guided cranial navigation. Practical Course Co-director. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
60. Germano IM and Foley K. Image-guided spinal navigation. Practical Course Co-director. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
61. Germano IM and Barbaro N. Cortical mapping and surgery for epilepsy. Co-director. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
62. Germano IM. Functional brain mapping techniques. Luncheon Seminar Moderator, Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
63. Germano IM. Cranial navigation. Practical Course Director. Congress of Neurological Surgeons, San Diego. September 22-27, 2001
64. Germano IM. Spinal navigation. Practical Course Director. Congress of Neurological Surgeons, San Diego. September 22-27, 2001

65. Germano IM. Deep brain stimulation for Parkinson's disease. Breakfast Seminar, Faculty. World Congress of Neurosurgery. Sydney, September 16-20, 2001
66. Germano IM. Cranial navigation. Practical Course Director. Congress of Neurological Surgeons, San Diego. September 22-27, 2001
67. Germano IM. Spinal navigation. Practical Course Director. Congress of Neurological Surgeons, San Diego. September 22-27, 2001
68. Germano IM. Epilepsy surgery. Practical Course Director. Congress of Neurological Surgeons. San Diego, September 22-27, 2001
69. Germano IM. Image guided cranial navigation. Practical Course Director. Congress of Neurological Surgeons. Philadelphia, September 21-26, 2002
70. Germano IM. Image guided spinal navigation. Practical Course Director. Congress of Neurological Surgeons. Philadelphia, September 21-26, 2002
71. Germano IM. Parkinson's disease, dystonia and movement disorders. Luncheon Seminar. Faculty, Congress of Neurological Surgeons. Philadelphia, September 21-26, 2002
72. Germano IM. Stereotactic and Functional Neurosurgery. Moderator Platform presentations. Congress of Neurological Surgeons. Philadelphia, September 21-26, 2002
73. Germano IM. Surgical treatment of movement disorders. Luncheon Seminar. Faculty, Congress of Neurological Surgeons. Denver, October 18-23, 2003
74. Germano IM. Surgical treatment of movement disorders. Luncheon Seminar. Faculty, Congress of Neurological Surgeons. San Francisco, October 16-21, 2004
75. Germano IM. Operating in Eloquent Cortex. Practical Clinic, Faculty, Congress of Neurological Surgeons, Boston, October 8-13, 2005
76. Germano IM. High frequency, low temperature radiosurgery: adjunct for brain Tumor resection. A. Bowles- Discussant, Congress of Neurological Surgeons, Chicago, October 7-12, 2006
77. Germano IM. Radiosurgery: What the literature supports. Faculty, Luncheon Seminar, Congress of Neurological Surgeons, Orlando, September 20-25, 2008
78. Germano IM. Surgical management of Tumors in eloquent Regions. Practical Clinic, Faculty, Congress of Neurological Surgeons, Boston October 18-23, 2014

i. Additional post-graduate teaching

79. Germano IM. Epilepsy surgery. 17th Annual Post-graduate Neurosurgery Meeting, New York, NY, December 5-7, 1993

80. Germano IM. New frontiers in Neurosurgery. 20th Annual Post-graduate Neurosurgery Meeting, New York, NY, December 9-11, 1996
81. Germano IM. Applications of image-guided and endoscopic surgery. Hands on Workshop Faculty. Medical Educational Resources, Naples, FL, November 21-23, 1997
82. Germano IM. International Congress of Neurological Surgeons. Moderator main topic Session, Amsterdam, July 6-11, 1997
83. Germano IM. Do febrile seizures cause temporal lobe epilepsy? A symposium Update. Invited Faculty. American Epilepsy Society , Orlando, FL, December 3-8, 1999
84. Germano IM. Advanced applications in image-guided Neurosurgery. Hands on Workshop Faculty. Medical Educational Resources, Naples, FL, March 10-12, 2000
85. Germano IM. Application of the Neuronavigator in Neurosurgery. Hands-on Workshop Faculty. III Asian Conference of Neurological Surgeons, Nagoya, Japan, November 5-9, 2000
86. Germano IM. Image-guided brain surgery. Luncheon Seminar Chairman. III Asian Conference of Neurological Surgeons, Nagoya, Japan, November 5-9, 2000
87. Germano IM. International Symposium on Neuronavigation. Faculty. Italian Neurosurgery Society XLIX meeting, Milan, Italy, October 15-19, 2000
88. Germano IM. Deep brain stimulation for Parkinson disease. Breakfast Seminar, Faculty. World Congress of Neurosurgery. Sydney, September 16-20, 2001
89. Germano IM. Epilepsy surgery. Platform Session Moderator. American Epilepsy Society, Philadelphia, PA, November 30-December 5, 2001
90. Germano IM. Computer-assisted image-guided neurosurgery. Practical Course Faculty. Quadrennial Meeting of the American Society of Stereotactic and Functional Neurosurgery, New York, NY, May 18-21, 2003
91. Germano IM. Minimally invasive techniques. Satellite workshop Faculty, Sixth International Congress on Minimally Invasive Neurosurgery, Nagoya, Japan, March 7-9, 2005
92. Germano IM. Management of Primary and Metastatic brain Tumors. Neurosurgery for Primary Care Providers, Mount Sinai School of Medicine, Ullman J, Choudhri T, Patel A (directors), NYC, NY January 20, 2006
93. Germano IM. Image-guided surgery and gene therapy for gliomas. Guest Speaker. 14th Tumor of the Central Nervous System Symposium, Boston MA, December 4-5, 2006

94. Germano IM. DBS and movement disorders. Faculty, Breakfast Seminar 56th Italian Neurosurgery Society Meeting and Joint Congress of Neurological Surgeons Meeting, Rome, Italy, June 24-27, 2007
95. Germano IM. Surgery for the epilepsies. Faculty, Symposium, 56th Italian Neurosurgery Society Meeting and Joint Congress of Neurological Surgeons Meeting, Rome, Italy, June 24-27, 2007
96. Germano IM. Experimental therapies for malignant gliomas. Moderator and Discussant, 2nd International Updates in Neuro-Oncology Meeting, Cortona, Italy, June 28-30, 2007
97. Germano IM. Radiosurgery Symposium. Chairman, 13th World Federation of Neurological Surgeons Meeting, Nagoya, Japan, November 18-21, 2007
98. Germano IM. Functional and Epilepsy Plenary Session. Chairman and Speaker 13th World Federation of Neurological Surgeons Meeting, Nagoya, Japan, November 18-21, 2007,
99. Germano IM. Management of Primary and Metastatic brain Tumors. Neurosurgery for Primary Care Providers, Mount Sinai School of Medicine, Ullman J, Choudhri T, Patel A (directors), NYC, NY January 25-26, 2007
100. Germano IM and Galanda M. Neuro-Oncology I. Scientific program, Oral paper session, Moderator. World Federation of Neurological Surgeons, August 30-September 4, 2009, Boston, MA
101. Germano IM. Brain Tumors and Stem Cells: Oncogenesis and Therapy. Invited Speaker, World Federation of Neurological Surgeons, August 30-September 4, 2009, Boston, MA
102. Germano IM. Radiosurgical treatment of asymptomatic grade I-II AVM. International Stroke Conference, February 8-11, 2011, Los Angeles, CA
103. Germano IM. Stem cell-derived astrocytes as gene delivery vectors. Brain Tumor Biotech Summit 2012, Cornell University, June 8, 2012
104. Germano IM. Moving stem cell science to patient therapy. Brain Tumor Biotech Summit 2012, Cornell University, June 7, 2013
105. Germano IM. Overcoming Scientific Barriers. Biotech Summit 2014, Cornell University, June 6, 2014
106. Germano IM. Meningiomas. International Annual Tumor Updates 13th Annual Meeting, September 3-4, 2014, Boston, MA
107. Germano IM. High-technology Multi-disciplinary approach to spine metastasis. ASTRO, September 14-17, 2014.

108. Germano IM. "Boot camp for PGY1 NS residents", Faculty, lectures and hands on Tufts University, Boston, July 15-16, 2011

109. Germano IM. "Boot camp for PGY1 NS residents", Faculty, lectures and hands on Tufts University, Boston, July 13-14, 2012

110. Germano IM. "Boot camp for PGY1 NS residents", Faculty, lectures and hands on Tufts University, Boston, July 19-20, 2013

111. Germano IM. "Boot camp for PGY1 NS residents", Faculty, lectures and hands on Tufts University, Boston, July 18-19, 2014

GRANT SUPPORT

Present grant support

1R01 CA1R01 CA129489-01 (PI: Germano) 7/1/08-5/30/14 NIH/NCI

"Transgenic in vivo delivery of mda-7/IL-24 for malignant glioma therapy"
Renewal submitted- June 1, 2014

Mount Sinai Development Tech. Fund (PI: Germano) 2/1/13-12/31/14
MSSM
"Human iPSC DNA engineering with pro-apoptotic gene(s) and differentiation to astrocytes"

Completed grant support

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"Transgenic embryonic stem cell delivery of mda-7/IL-24 for malignant gliomas"

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"Telomerase-specific caspase transfer for gliomas"

5 R03 CA2804-02 (PI: Germano) 9/99 – 9/01
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"Gene therapy for recurrent malignant gliomas"

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"Treatment of brain tumors with 2-5A-anti-telomerase RNA"

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ABTA

"Role of autophagy in brain tumors"

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FDA-Orphan Product Division

"Deep brain stimulation for intractable dystonia"

Epilepsy Foundation of America

(PI: Germano)

7/95 - 12/96

EFA

"Developmental aspects of the effects of hyperthermia and hypoxia on seizures in the presence of focal hippocampal damage"

Epilepsy Foundation of America

(PI: Germano)

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EFA

"The effects of hyperthermia and hypoxia on seizures in the presence of focal hippocampal damage"

Epilepsy Foundation of America

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EFA

"The role of pre-existing hippocampal injury on seizure susceptibility"

The New York Academy of Medicine

(PI: Germano)

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Elsberg Research Fellowship

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The Women's Medical Association of NYC (PI: Germano)

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"The role of fibroblastic growth factor on astrocytes"

Congress of Neurological Surgeons (PI: Germano)

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Clinical Fellowship

"Electrophysiological study of in vitro slices of human brain"

PUBLICATIONS

ORIGINAL PEER-REVIEWED ARTICLES

1. Mormone E, D'Souza S, Alexeeva V, Bederson MM, **Germano IM**. "Footprint-free" human induced Pluripotent Stem Cell-derived astrocytes for *in vivo* cell-based therapy. *Stem Cells and Development* 2014 Jun 10. [Epub ahead of print]
2. Douglas AC, Wippold FJ 2nd, Broderick DF, Aiken AH, Amin-Hanjani S, Brown DC, Corey AS, **Germano IM**, Hadley JA, Jagadeesan BD, Jurgens JS, Kennedy TA, Mechtler LL, Patel ND, Zipfel GJ. ACR Appropriateness Criteria Headache. *J Am Coll Radiol*. 2014 Jul;11(7):657-67
3. Lo SS, Gore EM, Bradley JD, Buatti JM, **Germano IM**, Ghafoori AP, Henderson MA, Murad GJ, Patchell RA, Patel SH, Robbins JR, Robins HI, Vassil AD, Wippold FJ 2nd, Yunes MJ, Videtic GM. ACR Appropriateness Criteria® Pre-Irradiation Evaluation and Management of Brain Metastases. *J Palliat Med*. 17(8):880-886, 2014
4. **Germano IM** and Binello E. Stem cells and gliomas: past, present, and future. *J Neuro-Oncology* [in press, 2014]
5. Lynch G, Nieto K, Puthenveetil S, Reyes M, Jureller M, Huang J, Grady S, Harris O, Ganju A, **Germano IM**, Pilitsis J, Pannullo S, Benzil D, Abosch A, Samadani U. Attrition Rates in Neurosurgery Residency. *J Neurosurgery* [in press 2014]
6. Binello E, Emdad I, Mormone E, **Germano IM**. Characterization of fenofibrate-mediated anti-proliferative pro-apoptotic effects on high-grade glioma and anti-invasive effects on glioma stem cells. *J Neurooncol*, 117(2):225-34, 2014
7. Barthélemy EJ, Benjamin E, Jean-Pierre MY, Poitevien G, Ernst S, Osborn I, **Germano IM**. A prospective emergency room-based study pattern and outcome of neurological and neurosurgical diseases in Haiti. *World Neurosurg*. 2013 Oct 9. S1878-8750(13)01298-9. [Epub ahead of print]
8. McCormick PJ, Osborn IP, Germano IM, Green S, Deiner SG. Scalp nerve blockade reduces pain after headframe placement in radiosurgery: a double blind, randomized clinical trial. *Middle East J Anesthesiol*. 2013 Feb;22(1):79-85
9. Binello E, Qadeer ZA, Kothari H, Emdad L, **Germano IM**. Stemness of the CT-2A immunocompetent Mouse Brain Model. *Journal of Cancer*, 3:166-174, 2012
10. Binello E, **Germano IM**. Stem cells as therapeutic vehicles for the treatment of high-grade glioma. *Neuro Oncol*, 14:256-265, 2012
11. Emdad L, D'Souza, Qadeer ZA, Kothari HP, **Germano IM**. Efficient Differentiation of Human Embryonic and induced pluripotent Stem Cells into Functional Astrocytes. *Stem Cells and Development*, 21(3):404-4120, 2012
12. Binello E, Green S, **Germano IM**. Radiosurgery for high-grade glioma. *Surgical Neurology Int*, 3:118-126, 2012

13. Patel S, Robbins JR, Gore EM, Bradley JD, Gaspar LE, **Germano IM**, et al. ACR Appropriateness Criteria: Follow-up and Retreatment of Brain Metastasis. *Am J Clin Oncology*, 35(3):302-306, 2012
14. Binello E and **Germano IM**. Targeting glioma stem cells: A novel frame work for brain tumors. *Cancer Sci*, 102:1958-1966, 2011
15. Emdad L, Qadeer ZA, Bederson LB, Kothari HP, Uzzaman M, **Germano IM**. Is there a common upstream link for autophagic and apoptotic cell death in human high grade gliomas? *Neuro Oncology*, 13(7):725-35, 2011
16. Lehrer S, Lombardi V, Green S, Pessin-Minsley MS, **Germano IM**, Rosenzweig KE. No circulating cytomegalovirus in five patients with glioblastoma multiforme. *Anticancer Res* 31(3):959-60, 2011
17. Suh JH, Videtic GMM, Aref AM, **Germano IM**, Goldsmith BJ, Imperato JP, Marcus KJ, McDermott MW, McDonald MW, Patchell R, Robins HI, Rogers CL, Wolfson AH, Wippold FJ, Gaspar LP. ACR appropriateness Criteria: Single brain metastasis. *Curr Probl Cancer*. 34(3):162-74, 2010
18. **Germano IM**, Emdad I, Qader Z, Binello E, Uzzaman M. Embryonic stem cell (ESC) –mediated transgene delivery induces growth suppression, apoptosis, radiosensitization, and overcomes temozolomide resistance in malignant gliomas. *Cancer Gene Therapy* 17(9):664-74, 2010
19. Roberts CC, Daffner RH, Weissman BN, Bancroft L, Bennett DL, Blebea JS, Bruno MA, Fries BI, **Germano IM**, Holly L, Jacobson JA, Luchs JS, Morrison WB, Olson JJ, Payne WK, Resnik CS, Schweitzer ME, Seeger LL, Taljanovic M, Wise JN, Lutz, ST. Metastatic bone disease, ACR Appropriateness Criteria® topic. *J Am Coll Radiol Jun*;7(6):400-409, 2010
20. **Germano IM**, Swiss V, Casaccia P. Primary brain Tumors, Neural stem cells, and brain tumor cancer cells: where is the link? *Neuro-pharmacology* 58(6):903-10, 2010
21. Wippold FJ 2nd and Expert Panel on Neurologic Imaging (**Germano IM**). Orbits, vision, and visual loss. *Am J Neuroradiol*. 31(1):196-8, 2010
22. Videtic GMM, Gaspar LE, Aref AM, **Germano IM**, Goldsmith BJ, Imperato JP, Marcus KJ, McDermott MW, McDonald MW, Patchell RA, Robins HI, Rogers CL, Suh JH, Wolfson AH, Wippold FJ. American College of Radiology appropriateness criteria on multiple brain metastases. *J Rad Oncol Biol Physics* 75:961-965, 2009
23. **Germano IM** and Binello E. Gene therapy for adjuvant treatment of malignant gliomas: from bench to bedside. *J Neuro-Oncology* 93:79-87, 2009
24. Binello E and **Germano IM**. Tonsillary carcinoma after temozolomide treatment for glioblastoma multiforme: treatment-related or dual-pathology? *J Neurooncol* 93:79-87, 2009

25. Uzzaman M, Keller G, **Germano IM**. In vivo Gene Delivery by embryonic stem cell-derived astrocytes for malignant gliomas. *Neuro-Oncology*, 11:102-108 2009
26. Gonzales A, Sullivan g, Sips GJ, Naidich T, Kleinman G, Murray J, Morgello S, **Germano IM**, Mullen M, Simpson D. Inflammatory Pseudotumor associated with HIV-JCV an immune-reconstruction syndrome. *Neurology* 72:287-290, 2009
27. Benzil D, Abosch A, **Germano IM**, Gilmer Holy, Maraire N, Muraszko K, Pannullo S, Rosseau G, Schwartz L, Todor, R, Ullman J, Zusman E. The future of neurosurgery: a white paper on the recruitment and retention of women in neurosurgery. *J Neurosurgery* 109: 367-375, 2008
28. **Germano IM**, Uzzaman M, Keller G. Gene delivery by embryonic stem cells for malignant gliomas. *Cancer Biology and Therapy* 7:81-7, 2008
29. Uzzaman M, Keller G, **Germano IM**. Enhanced pro-apoptotic effects of tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) on temozolomide-resistant glioma cells. *J Neurosurgery* 106: 646-651,2007
30. **Germano IM**, Uzzaman M, Benveniste R, Zaurova M, Keller G. Apoptosis in human glioma cells produced using embryonic stem cell-derived astrocytes expressing tumor necrosis factor-related apoptosis-inducing ligand (TRAIL). *J Neurosurgery* 105:88-95, 2006
31. Uzzaman M, Benveniste R, Keller G, **Germano IM**. Embryonic stem cell-derived astrocytes: novel gene therapy vector for brain tumors. *Neurosurgical Focus* 19(3) E6, 2005
32. Benveniste R, Keller G, **Germano IM**. Embryonic stem cell-derived astrocytes expressing drug-inducible transgenes: Differentiation and allotransplantation into the mouse brain. *J Neurosurgery* 103:115-123,2005
33. Benveniste R. and **Germano IM**. Correlation of factors predicting intraoperative brain shift with successful resection of malignant brain tumors using image-guided techniques. *Surg Neurol* 63:542-549, 2005
34. Kanzawa T, Zhang L, Xiao L, **Germano IM**, Kondo Y, Kondo S. Arsenic trioxide induces autophagic cell death in malignant glioma cells by up-regulation of mitochondrial cell death protein BNIP3. *Oncogene* 24: 980-91, 2005.
35. **Germano IM**, Gracies JM, Weisz DJ, Tse W, Koller WC, Olanow CW. Unilateral stimulation of the subthalamic nucleus in Parkinson's disease- a double blind 12-month evaluation study. *J Neurosurgery* 101:36-42, 2004
36. Kanzawa T, **Germano IM**, Komata T, Ito H, Kondo Y, Kondo S. Role of autophagy in temozolomide-induced cytotoxicity for malignant glioma cells. *Cell Death Differ* 11(4) 448-457, 2004
37. Morrison CE, Borod JC, Perrine K, Beric A, Brin MF, Rezai A, Kelly P, Sterio D, **Germano IM**, Weisz D, Olanow CW. Neuropsychological functioning following

- bilateral subthalamic nucleus stimulation in Parkinson's disease. *Arch Clin Neuropsychol* 19(2):165-81, 2004
38. Kanzawa T, Bedwell J, Kondo Y, Kondo S, **Germano IM**. Inhibition of DNA repair sensitizes resistant glioma cells to temozolomide. *J Neurosurgery* 99:1047-1052, 2003
39. **Germano IM**, Fable J, Gultekin H, Silvers A. Adenovirus/herpes simplex-thymidine kinase/ganciclovir complex: preliminary results of a phase I trial in patients with recurrent malignant gliomas. *J Neuro-Oncology* 65:279-289, 2003
40. Kanzawa T, Komata T, Kyo S, **Germano IM**, Kondo Y, Kondo S. Down-regulation of telomerase activity in malignant glioma cells by p27^{k1p1}. *J Oncol* 23:1703-8, 2003
41. Kanzawa T, **Germano IM**, Kondo Y, Ito H, Kyo S, Kondo S. Inhibition of telomerase activity in malignant glioma cell lines correlates with their sensitivity to TMZ. *Br J Cancer* 189:922-929, 2003
42. Kanzawa T, Kondo Y, Ito I, Kondo S, **Germano IM**. Induction of autophagic cell death in malignant glioma cells by arsenic trioxide. *Cancer Research* 63:2103-2108, 2003
43. Komata T, Kanzawa T, Takeuchi H, **Germano IM**, Schreiber M, Kondo Y, Kondo S. Antitumor effect of cyclin-dependent kinase inhibitors (p16, p18, p19, p21, and p27) on malignant glioma cells. *British Journal of Cancer* 88:1277-1280, 2003
44. Yao K, Komata T, Kondo Y, Kanzawa T, Kondo S, **Germano IM**. Molecular response of human glioblastoma cells to ionizing radiations: cell cycle arrest, CDKI modulation, and autophagy. *J Neurosurgery* 98:378-384, 2003
45. Komata T, Kanzawa T, Takeuchi H, **Germano IM**, Schreiber M, Kondo Y, Kondo S. Antitumor effect of cyclin-dependent kinase inhibitors (p16^{INK4A}, p18^{INK4C}, p19^{INK4D}, p21^{WAF1/CIP1} and p27^{KIP1}) on malignant glioma cells. *British Journal of Cancer* 88:1277-80, 2003.
46. Benveniste R and **Germano IM**. Evaluation of factors predicting accurate resection of high-grade gliomas using frameless image-guided stereotactic guidance. *Neurosurgical Focus* 14:1-4, 2003
47. Komata T, Kondo Y, Kanzawa T, Ito H, Satoshi H, Koga S, Sumiyoshi H, Takakura M, Inoue M, Barna B, **Germano IM**, Kyo S, Kondo S. Caspase-8 gene therapy using the human telomerase reverse transcriptase promoter for malignant glioma cells. *Human Gene Therapy* 13:1015-1025, 2002
48. Komata T, Koga S, Hiroata S, Takamura M, **Germano IM**, Inoue M, Kyo S, Kondo S, Kondo Y. A novel treatment of human malignant gliomas in vitro and in vivo: FADD gene transfer under the control of the human telomerase reverse transcriptase gene promoter. *Int J Oncol* 19:1015-1020, 2001

49. **Germano IM**, Weisz DJ, Silvers A, Shrivastava R, Yang BY. Surgical techniques for stereotactic implant of deep brain stimulators. *Seminars in Neurosurgery* 12:213-223, 2001
50. The deep-brain stimulation for Parkinson's disease study group (**Germano IM**). Deep brain stimulation of the subthalamic nucleus or the pars interna of the globus pallidus in Parkinson's disease. *N Engl J Med*, 345:956-963, 2001
51. Komata T, Kondo Y, Kanzawa T, Hirohata S, Koga S, Sumiyoshi H, Srinivasula SM, Barna BP, **Germano IM**, Takakura M, Inoue M, Alnemri ES, Shay JW, Kyo S, Kondo S. Treatment of malignant glioma cells with the transfer of constitutively active caspase-6 using the human telomerase catalytic subunit (human reverse transcriptase) gene promoter. *Cancer Res* 61:5796-5802, 2001
52. Walker RH, Danisi FO, Swope DM, Goodman RR, **Germano IM**, Brin MF. Intrathecal baclofen for dystonia: benefits and complications during six year experience. *Movement Disorders* 15:1242-1247, 2000
53. Morrison CE, Borod JC, Brin MF, Raskin SA, **Germano IM**, Weisz DJ, Olanow CW. A program for neurophysiological investigation of deep brain stimulation (PNIDBS) in movement disorder patients: development, feasibility, and preliminary data. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology* 13(3): 204-219, 2000
54. Sperber EF, Veliskova J, **Germano IM**, Friedman LK, Moshe' SL. Age-dependent vulnerability to seizures. *Adv Neurol* 79:161-169, 1999
55. **Germano IM**, Villalobos H, Silvers A, Post K. Clinical Use of the Neurostation for Intracranial Computer-Assisted Neuronavigation. *Neurosurgery* 45:261-270, 1999
56. Villalobos H and **Germano IM**. Clinical evaluation of multimodality registration in frameless stereotaxy. *Computer Aided Surgery* 4:45-49, 1999
57. **Germano IM**, Sperber EF, Ahuja S, Moshe SL. Evidence of enhanced kindling and hippocampal neuronal injury in immature rats with neuronal migration disorders. *Epilepsia* 39:1253-1260, 1998
58. **Germano IM** and Queenan JV. The optical digitizer for interactive, image-guided brain needle biopsy in 16 cases. *Computer Aided Surgery*, 3:33-39, 1998
59. **Germano IM** and Sperber EF. Transplacentally induced neuronal migration disorders: an animal model for the study of the epilepsies. *J Neuroscience Research*, 51:473-488, 1998
60. Ahuja S and **Germano IM**. Anticonvulsant and neuronal protective effects of propofol on experimental status epilepticus. *J Epilepsy*, 11:168-176, 1998
61. **Germano IM** and Sperber EF. Increased seizure susceptibility in adult rats with neuronal migration disorders. *Brain Research*, 777:219-222, 1997

62. Segal DH, **Germano IM**, Bederson JB. Effects of basic fibroblast growth factor on in vivo cerebral tumorigenesis. *Neurosurgery* 40:1027-1033, 1997
63. Lorberboym M, Mandel LR, Mosesson RE, **Germano IM**, Lou W, DaCosta M, Linzer DG, Macha J. The role of thallium-201 uptake and retention in intracranial tumor after radiotherapy. *J Nucl Med* 38:223-226, 1997
64. **Germano IM**. Trans-sulcal approach to mesiotemporal lesions: anatomy and technique. *Neurosurgical Focus* 1(5):1-12, 1996
65. Brisman M, Bederson J, **Germano IM**, Sen, C, Moore F, Post K. Intracerebral hemorrhage remote from craniotomy site. *Neurosurgery*, 39:1114-1122, 1996
66. **Germano IM**, Zhang YF, Sperber EF, Moshe SL. Neuronal migration disorders increase the susceptibility to hyperthermia-induced seizures in the rat. *Epilepsia*, 37(9):902-910, 1996
67. Lorberboym M, Estok L, Machac J, **Germano IM**, Sacher M, Feldman R, Wallach F, Dorfman D. Rapid differential diagnosis of cerebral toxoplasmosis and primary CNS lymphoma by thallium-201 SPECT. *J Nuclear Med*, 37:1150-1154, 1996
68. Mandell LR, Lorberboym M, Mosesson R, **Germano IM**, Linzer D, Tabert A, DeWynngaert JK. Preliminary results of thallium-201 SPECT scanning in the postradiosurgery management of malignant brain tumors: a step closer toward clinical histopathologic interpretation. *Radiosurgery*, 1:113-126, 1996
69. Shiau J and **Germano IM**. Gadopentetate-induced status epilepticus. *J Epilepsy*, 8:306-308, 1995
70. Bederson JB, **Germano IM**, Guarino L. Cortical blood flow and cerebral perfusion pressure in a new non-craniotomy model of subarachnoid hemorrhage in the rat. *Stroke*, 26:1086-1092, 1995
71. **Germano IM**. The Neuro-station system for image-guided frameless stereotaxy. *Neurosurgery*, 37:348-350, 1995
72. Olivier A, **Germano IM**, Cukiert A, Peters T. Frameless stereotaxy for surgery of the epilepsies. *J Neurosurg*, 81:629-633, 1994
73. **Germano IM**, Poulin N, Olivier A. Re-operation for temporal lobe epilepsy. *J Neurosurg*, 80:31-36, 1994
74. **Germano IM**, Edwards M, Davis RL, Schiffer D. Intracranial meningiomas of the first two decades of life. *J Neurosurg*, 80:447-453, 1994
75. **Germano IM**, Davis RL, Wilson CB, Hieshima GB. Histopathological Follow-up of 66 cerebral arteriovenous malformations after therapeutic embolization with polyvinyl alcohol. *J Neurosurg*, 76:607-614, 1992

76. Cohen Y, Chang LH, Litt L, Kim F, Severinghaus JW, Weinstein PR, Davis RL, **Germano IM**, James TL. Stability of brain intracellular lactate and ³¹P-metabolite levels at reduced intracellular pH during prolonged hypercapnia in rats. *J Cereb Blood Flow Metab*, 10: 277-284, 1990
77. **Germano IM**, Ito M, Cho K, Hoshino T, Davis R, Wilson C. Correlation of histopathological features and proliferative potential of individual gliomas. *J Neurosurg*, 70:701-706, 1989
78. **Germano IM**, Pitts L, Berry I, Moseley M. Magnetic resonance imaging (MRI) and spectroscopy (MRS) for evaluating focal cerebral ischemia. *J Neurosurg*, 70:612-618, 1989
79. **Germano IM**, Pitts L, Berry I, DeArmond S. High energy phosphate metabolism in experimental permanent focal cerebral ischemia: An in vivo ³¹P magnetic resonance spectroscopy study. *J Cereb Blood Flow Metab*, 8:24-31, 1988
80. **Germano IM**, Pitts L, Meldrum B, Bartkowski H, Simon R. Kynurenate inhibition of cell excitation decreases stroke size and deficits. *Ann Neurol*, 22:730-734, 1987
81. **Germano IM**, Bartkowski H, Cassel M, Pitts L. The therapeutic value of nimodipine in experimental focal cerebral ischemia: Neurological outcome and neuropathological findings. *J Neurosurg*, 67:81-87, 1987
82. Schiffer D, Giordana MT, **Germano IM**, Mauro A. Anaplasia and heterogeneity of GFAP expression in gliomas. *Tumori*, 72: 163-170, 1986
83. Bederson J, Pitts L, **Germano IM**, Nishimura M, Davis R, Bartkowsky H. Evaluation of 2,3,5-triphenyltetrazolium chloride as a stain for detection and quantification of experimental cerebral infarction in rats. *Stroke*, 17:1304-1308, 1986
84. Schiffer D, Giordana MT, Mauro A, Migheli A, **Germano IM**, Giaccone G. Immunohistochemical demonstration of vimentin in human cerebral tumors. *Acta Neuropath*, 70:209-219, 1986
85. **Germano IM**, Bartkowski HM, Berry I, Moseley M, Brant-Zawadski M, Pitts L: Magnetic resonance imaging in the evaluation of nimodipine-treated acute experimental focal cerebral ischemia. *Acta Radiol*, S369:49-52, 1986
86. Berry I, Moseley M, **Germano IM**, Ishige N, Nishimura M, Bartkowski H, Pitts L, Brant-Zawadski M: Combined magnetic resonance imaging and spectroscopy in experimental regional injury of the brain. *Acta Radiol*, S369:338-349, 1986
87. Mauro A, **Germano IM**, Giaccone G, Giordana G, Mauro A, Micheli A, Schiffer D. 1-naphthol-basic dye (1NBD): An alternative to diaminobenzodiazepine in immunoperoxidase techniques. *Histochemistry*, 83:97-102, 1985

88. Giordana MT, **Germano IM**, Giaccone G, Mauro A, Migheli A, Schiffer D. The distribution of laminin in human brain tumors: An immunohistochemical study . Acta Neuropath, 67:51-57, 1985
89. Mauro A, Bertolotto A, **Germano IM**, Giaccone G, Giordana MT, Migheli A, Schiffer D. Collagenase in the immunohistochemical demonstration of laminin, fibronectin, and factor VIII/RAg in nervous tissue after fixation. Histochemistry, 80:157-163, 1984
90. **Germano IM**. Immunohistochemistry of the central nervous system: The neuroepithelial markers. 1-134, Turin Medical Press, Turin 1984

BOOKS

1. Advanced Techniques in Image-guided Neurosurgery. Isabelle M Germano (editor), Thieme Publishers, NY, 2002
2. LINAC and Gamma knife Neurosurgery. Isabelle M Germano (editor), AANS Publications Committee, Park Ridge, IL, 2000
3. Neurosurgical Treatment of Movement Disorders. Isabelle M Germano (editor), AANS Publications Committee, Park Ridge, IL, 1998
4. Malignant Gliomas. Isabelle M. Germano (editor), Neurosurgical Focus Vol 14, AANS Charlottesville, VA, February 2003

CHAPTERS

1. Germano IM and Weisz D. Computer technology as an adjuvant for target location and validation. In: Microelectrode Recording in Movement Disorder, Kim Burchiel (ed), Thieme Publisher, NY 2004 pp152-163
2. Sperber ES, Moshé SL, Germano IM. Do effects of FS differ in normal vs. abnormal brain? In: Baram TZ and Shinnar S (eds). Febrile Seizures. Academic Press, 2002, pp139-151
3. Germano IM and Bucholz RD. Historical remarks. In: Germano IM (ed) Advanced techniques in image-guided Neurosurgery, Thieme Publisher, NY 2001, pp 1-10
4. Germano IM and Deutch H. The optical digitizer. In: Germano IM (ed) Advanced techniques in image-guided Neurosurgery, Thieme Publisher, NY 2001, pp 1-10
5. Germano IM and Kondo S. Image-guided tumor resection. In: Germano IM (ed) Advanced techniques in image-guided Neurosurgery, Thieme Publisher, NY 2001, pp 1-10
6. Shrivastava RK and Germano IM. Deep brain stimulation for the treatment of Parkinson's disease. Contemporary Neurosurgery, 2000, Vol 23, N16, pp 1-10

7. Germano IM, Villalobos H, Mandell L. LINAC for brain metastasis. In: Germano IM (ed.), *Radiosurgery*. AANS Publication Committee, Park Ridge, IL, pp177-188, 1999
8. Schwartz A and Germano IM. Stereotactic biopsy: Indications and Technique. In: Hall WA and McCutcheon IE (eds.), *Infections in Neurosurgery*. AANS Publication Committee, Park Ridge, IL, pp177-188, 1999
9. Sperber EF, Germano IM, Friedman LK, Romero MT. The Resiliency of the Immature Brain to Seizure Induced Damage. In: Nehlig A, Motte J (eds.) *Childhood Epilepsies and Brain Development*. John Libbey and Co., London, pp. 255-262, 1999
10. Germano IM, Kanev P, Maxwell R, Schiff S. Surgical Treatment of Pediatric Epilepsy. In: Fisher WS (ed.), *Perspective in Neurological Surgery*. Thieme, NY, Vol. 9(2). pp. 101-110, 1999
11. Germano IM. Chronic deep brain stimulation: Indications and techniques. In: Germano IM (ed), *Neurosurgical treatment of movement disorders*, AANS Publication Committee, Park Ridge, IL, pp 159-168, 1998
12. Germano IM and Heilbrun P. Interactive computer-assisted image-guided technology as an adjuvant to neurosurgery for movement disorders. In: Germano IM (ed), *Neurosurgical treatment of movement disorders*. AANS Publication Committee, Park Ridge, IL, pp 219-226, 1998
13. Germano IM, Sperber EF, Moshe SL. Experimental aspects of neuronal migration disorders in the juvenile brain. In: Tuxorn I, Holthausen H, Boenigk (eds). *Pediatric epilepsy syndromes and their surgical treatment*. J. Libbey & Co, London, pp 111-116, 1997
14. Germano IM, Cooper P, Levy R, Roseblum M. Infections of the central nervous system. In: Fisher WS (ed), *Perspective in Neurological Surgery*. Thieme, NY, 8:85-93, 1997
15. Queenan JV and Germano IM. Neurosurgical treatment of epilepsy. In: Tindall G (ed), *Contemporary Neurosurgery*. Williams & Wilkins, Baltimore, MD, 19:1-7, 1997
16. Sperber EF, Veliskova J, Germano IM, Friedman LK. Age Dependent Vulnerability Seizures. In: Delgado-Escueto AV, Wilson W, Olsen RW, Porter RJ. (eds.), *Jasper's Basic Mechanisms of the Epilepsy*. Lippencott-Raven Publisher, NY, 44-49, 1998
17. Germano IM. Trans-sulcal approach to mesiotemporal lesions. In: Rengachary S (ed) *Neurosurgical Operative Atlas*. AANS Publications Committee, Park Ridge, IL, 6:147-56, 1997
18. Germano IM. Epilepsy after subarachnoid hemorrhage. In: Bederson J (ed), *Subarachnoid Hemorrhage: Pathophysiology and treatment*. AANS Publications Committee, Park Ridge, IL, pp117-125, 1997

19. Olivier A, Germano IM. Reoperations in surgical failures. In: S. Shorvon, F. Dreifuss, D. Fish, D. Thomas (eds) *The treatment of epilepsy*. Blackwell Science Ltd, London, pp 772-779, 1996
20. Germano IM, Sperber EF, Moshe SL. Molecular and Experimental Aspects of Neuronal Migration Disorders. In: Guerrini R, Anderman F, Canapichi R, Roger J, Pfanner P (eds) *Dysplasia of the Cerebral Cortex and Epilepsy*, Raven Press, New York, pp 27-34, 1996
21. Germano IM, Velisek L, Moshe L. Developmental Aspects of Childhood Seizures. In: Shinnar S, Amir N, Branski J (eds.) *Pediatric and Adolescent Medicine*, Karger AG, Basel, pp 11-17, 1995

SELECTED PUBLISHED ABSTRACTS/CASE REPORTS

1. Lo, Y., Sheu, R., Green, S., Germano, I. A Standardized 11-Field Treatment Plan for Radiosurgery to Spinal Lesions. *Med. Phys.* 38, 3697, 2011
2. Emdad L, Kothari H, Qadeer Z, Binello E, Germano IM. Embryonic stem cell (ESC)-mediated gene delivery as combined modality therapy for potential treatment of high grade gliomas. *Neuro-Oncology*, 12:iv90, 2010
3. Lo Y, Xiang H, Sheu R, Svoboda A, Dumane V, Germano IM, Green S. Accuracy of Exactrac image fusion depends on lesion location and fusion parameter settings, *International Journal of Radiation Oncology Biology Physics* 75(3): S603, 2009
4. Uzzaman M, Keller G, Germano IM. Embryonic stem cell (ESC)-derived astrocytes expressing melanoma differentiation associated gene-7 (mda-7/IL-24) selectively induce growth suppression, apoptosis, and radiosensitization in malignant gliomas. *Neuro-Oncology*, 9: 598, 2007
5. Uzzaman M, Keller G, Germano IM. In vivo gene therapy for malignant glioma: Use of Embryonic Stem Cell derived astrocytes expressing tumor necrosis factor related apoptosis inducing ligand (TRAIL). *Neuro-Oncology*, 8: 418, 2006
6. Komata T, Kondo Y, Kawanza T, Hirohata S, Koga S, Sumiyoshi H, Takakura M, Inoue M, Tanaka R, Germano IM, Kyo S, Kondo S. A novel targeted-caspase gene therapy using the human telomerase reverse transcriptase (hTERT) gene promoter for malignant glioma cells. *J Neuro-Onc* 2001
7. Morrison C, Borod J, Perrine K, Beric A, Brin M, Rezai A, Kelly P, Stereo G, Zgaljardic, Germano IM, Weisz D, Gracies JM, Olanow CW. Cognition and subthalamic nucleus (STN) stimulation in Parkinson's diseases. *J Intern Neuropsych Soc*, 7 (2):129, 2001
8. Walker RH, Reichler B, Germano IM, Brin MF. Spasticity in Friedreich's Ataxia Treated with Intrathecal Baclofen. *Movement Disorders*, 15(2):420-421, 2000

9. CE Morrison, Borod JC, Danisi F, Germano IM, Weisz D, Olanow CW, Brin MF. Cognition and Deep Brain Stimulation in Two Dystonia Patients. *Movement Disorders*, 13(2):25, 1998
10. Gracies JM, Bucobo JC, Danisi F, Germano IM, Brin MF, Olanow CW. Proposal for a method of stimulation parameter adjustment after deep brain stimulation for Parkinson's disease (PD). *Movement Disorders*, 13(2):50, 1998
11. Walker RH, Danisi FO, Germano IM, Goodman RR, Brin MF. Equipment-related complications of intrathecal baclofen therapy. *Movement Disorders*, 13(2):69, 1998
12. Germano IM, Villalobos H, Weisz D, Brin MF, Olanow CW. Image-guided computer-assisted technology as adjuvant for placement of deep brain stimulators. *Movement Disorders*, 13(2):264, 1998
13. Brin MF, Germano IM, Danisi FO, Weisz D, Gracies JM, Eidelberg D, Bucobo J, Olanow CW. Deep Brain Stimulation (DBS) of Pallidum in Intractable Dystonia. *Movement Disorders*, 13(2):274, 1998
14. Ahuja S, Sperber EF, Germano IM, Moshe L. Enhanced Kindling and Seizure-Induced Hippocampal Damage In Developing Rats With Neuronal Migration Disorders. *Epilepsia* 38(S8):24, 1997
15. Olanow CW, Germano IM, Brin MF, Swope D, Weisz D. Deep Brain Stimulation of the Subthalamic Nucleus for Parkinson's Disease. *Movement Disorders*. 11(5):598-599, 1996
16. Germano IM, Sperber EF. Neuronal Increase Susceptibility to Febrile Seizures. *Epilepsia*, 13(52):116, 1998
17. Germano IM, Zhang YF, Sperber EF, Moshe SL. Neuronal Migration Disorders increase seizure susceptibility to febrile seizures. *Epilepsia* 36(S4):27, 1995
18. Ahuja S and Germano IM. Propofol: proconvulsant or anticonvulsant? *Epilepsia* 36(S4):52, 1995
19. Germano IM and Sperber EF. Methylation of the nucleic acids during neuroblastic division induces experimental neuronal migration disorders. *Proc Soc Neuroscience* 597(6):1516, 1995
20. Segal DH and Germano IM. The in vivo effects of basic fibroblast growth factor on astrocytes. *Proc Soc Neuroscience* 608(4):1546, 1995
21. Germano IM and Sperber EF. The effects of neuronal migration disorders on seizure susceptibility. *Epilepsia*, 35(S8):137, 1994
22. Germano IM, Sperber EF, Friedman LK, Zuckin RS, Moshe SL. Neuronal migration disorders and epileptogenesis. *Epilepsia*, 35(S7):137, 1994

23. Germano IM, Sperber EF, Friedman LK, Zuckin RS, Moshe SL. Neuronal migration disorders and epileptogenesis. *Epilepsia*, 35(S7):2, 1994
24. Germano IM, Olivier A, Cukiert A, Peters T. Three-dimensional images and robotics for planning of epilepsy surgery. *Epilepsia*, 35:28, 1994
25. Germano IM, Olivier A, Jones-Gotman M, Anderman F. Surgical, seizure, and social outcome after reoperation for temporal lobe epilepsy. *Epilepsia*, 34 (S2):110, 1993
26. Germano IM, Friedman LK, Sperber EF, Zuckin RS, Goldensohn ES, Moshe' SL. Expression of GABA and glutamate receptors in a rat model for epilepsy. *Proc Soc Neuroscience*, 598(19):1497, 1993
27. Germano IM, Olivier A, Jones-Gotman M, Anderman F. Psycho-social outcome after reoperation for temporal lobe epilepsy. *Epilepsia* (S6):25, 1993
28. Germano IM Sperber EF, Moshe SL. Do migrational disorders lower the seizure threshold in the immature brain? *Epilepsia* (S6), 25,1993
29. Germano IM, Yasargil MG, Wiesler OD, HG Wieser. The role of magnetic resonance imaging in presurgical evaluation of temporal lobe epilepsy. *Epilepsia*, 31:667, 1990
30. Germano I, Pitts L, Berry I, Moseley M. Role of MRI and MRS in evolving cerebral ischemic infarction. *Stroke* 18: 284, 1987
31. Germano I, Pitts I, Bartkowski H, Davis R. Microscopical visualization of the ischemic penumbra. Effects of nimodipine. *Stroke* 18: 288, 1987
32. Germano I, Pitts L, Bartkowski, Simon R. Acute focal cerebral ischemia: Time frame protection of excitatory neurotransmission in the rat. *Stroke* 18: 289, 1987
33. Germano I, Bartkowski H, Nishimura M, Cassel B, Pitts L. The effects of nimodipine in acute experimental cerebral ischemia in the rat. *Stroke*, 17: 144, 1986
34. Mauro A, Gallaret M, Germano I, Giaccone G, Schiffer D. Immunohistochemical visualization of the neuronal and glial component of a gangliocytoma. *Acta Neurologica*, 7(40):125, 1985
35. Giaccone G, Germano I, Migheli A, Mauro A. Immunohistochemical simultaneous visualization of several CNS antigens by means of the 1-NBD technique. *Acta Neurologica*, (7)40:106, 1985
36. Mauro A, Germano I, Giaccone G, Migheli A, Giordana MT, Sicuro L. Immunohistochemistry study of CNS teratoma. *Acta Neurologica*, 7(40):123, 1985
37. Mauro A, Germano I, Giaccone G. Usefulness of alpha naphthol as substrate for peroxidase in immunohistochemical demonstration of CNS antigens. *Acta Neurologica*, 6(39):391, 1984

38. Mauro A, Germano I, Giaccone G, Giordana MT, Goia L, Migheli A, Schiffer D. Immunohistochemical demonstration of factor VIII/RAg in normal and pathological nervous system by means of mono- and polyclonal antibodies. *Acta Neurologica*, 6(39):391, 1984
39. Mauro A, Germano I, Giaccone G, Giordana MT, Schiffer D. Transplacental ENU tumors of the rat: immunohistochemical contribution to the recognition of cell types. *J Neuro-Oncology*, vol 2, 1984
40. Mauro A, Bertolotto A, Germano I, Giaccone G, Giordana MT, Migheli A, Schiffer Laminin visualization in normal nervous tissue and in tumors of the CNS. *Acta Neurologica*, 5(38):315, 1983
41. Migheli A, Germano I, Giaccone G, Giordana MT, Schiffer D. The use of collagenase in the immunohistochemical demonstration of fibronectin, laminin, factor VIII/RAg. *Acta Neurologica*, 5(38):315, 1983

Presentations at national/international meetings

1. Germano IM. Stem cells and primary brain tumors. European Association of Neurological Surgeons (EANS), November 11-14, Tel Aviv, Israel
Platform Presentation
2. Germano IM. Stem cells as vectors for Brain tumor therapy. World Federation of Neurological Surgeons, Seoul, Korea, September 8-13, 2013
Platform Presentation
3. Barthelemy E, Benjamin E, Poitevien G, Osborn I, Bitar, M, Bitar J; Germano IM. Patterns of Neurosurgical Trauma in a Prospective Study of 2502 Consecutive Patients of Haiti. Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, October 19-23, 2013
E-poster
4. Germano IM. Functional mapping for tumor surgery. American Association of Neurological Surgeons, New Orleans LA, April 26-May1, 2013.
Platform Presentation
5. Barthelemy E, Benjamin E, Poitevien G, Osborn I, Bitar, M, Bitar J; Germano IM. Etiologies of neurosurgical emergency room admissions in 847 consecutive patients of Haiti. American Association of Neurological Surgeons, New Orleans, LA, April 28-May 1, 2013.
E-poster
6. Barthelemy E, Benjamin E, Poitevien G, Osborn I, Bitar, M, Bitar J; Germano IM. Neuro-oncologic Disease Patterns in a Prospective Study of 2502 Consecutive Patients of Haiti. AANS/CNS Joint Section on Tumors Bi-Annual Meeting, New Orleans, LA, April 26-27, 2013.
E-poster

7. Germano IM. Functional mapping for tumor surgery: Pitfalls and Limitations. American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
Platform Presentation
8. Germano IM. Discussant: Gamma Knife Thalamotomy for Medically-Refractory Tremor in Patients not Suitable for DBS. American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
Platform Presentation
9. Binello E, Germano IM. CT-2A high-grade glioma neurospheres are highly invasive *in vitro* and “home” to brain *in vivo*. American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
E-poster
10. Binello E, Germano IM. Fenofibrate treatment decreases CD133 expression and invasion in high-grade glioma cells. American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
Platform Presentation
11. Germano IM. Embryonic stem cell – based gene delivery for brain tumors: from bench to bedside. Invited lecture. American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
Platform Presentation
12. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
Platform Presentation
13. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
Platform Presentation
14. Carai A, Germano IM. Vertebral body collapse after spine tumor radiosurgery. American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
15. Binello E, Germano IM. An immunocompetent stem-cell enriched murine glioma model for pre-clinical testing. American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
16. Carai A, Germano IM. Vestibular Schwannomas increase in size after radiosurgery. American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
17. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, Philadelphia, PA, May 1-5, 2010
18. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Philadelphia, PA, May 1- 5, 2010

19. Germano IM. Clinical Application of brain tumor images. American Society for Neuro – Radiology, Boston, MA, May 15- 20, 2010
Platform Presentation
20. Binello E, Green S, Maloney-Lutz K Lo Y; Snyder K; Sheu R Germano IM. Stereotactic radiosurgery for spinal liver metastases. Congress of Neurological Surgeons (CNS)Annual Meeting, New Orleans, October 24-29, 2009
E-poster
21. Emdad L, Uzzaman M, Qadeer Z, Germano IM. Embryonic Stem Cell (ESC)-mediated gene delivery Induces Growth Suppression, Apoptosis, Radiosensitization and overcomes Temozolomide resistance in Malignant Gliomas. Society of Neuro-Oncology Annual Meeting, New Orleans, October 22-24, 2009.
Poster
22. Snyder KM, Green S, Lo Y, Maloney-Lutz K, Post KP, Germano IM. Stereotactic fractionated radiation therapy in the treatment of growth hormone secreting pituitary adenomas. Radiology Society of North America (RSNA) Annual Meeting, Chicago, November 29-December 4, 2009.
Platform Presentation
23. Lo Y, Xiang, H, Sheu R, Svoboda A, Dumane V, Germano IM, Green S. Accuracy of Exactrac Image Fusion Depends on Lesion Location and Fusion Parameter Settings, American Society for Therapeutic Radiology and Oncology (ASTRO), Chicago, November 1-5, 2009
Poster
24. Germano IM, Emdad L, Uzzaman M. Embryonic stem cell (ESC)-derived astrocytes expressing melanoma differentiation associated gene-7/interleukine 24 (mda7/IL-24) slectively induce growth suppression, apoptosis, and radiosensitization in malignant gliomas. American Association of Neurological Surgeons, San Diego, May 1-6, 2009
Platform presentation
25. Germano IM. Embryonic Stem Cells (ESC)-derived astrocytes expressing mda-7/IL-2 induce apoptosis and radiosensitization in malignant gliomas. Joint Section on Tumor meeting, Washington, DC, April 13-14, 2007
Platform presentation
26. Uzzaman M, Benveniste R, Keller G, Germano IM. In vivo gene therapy for malignant glioma: Use of Embryonic Stem Cell derived astrocytes expressing tumor necrosis factor related apoptosis inducing ligand (TRAIL). Society of Neuro-Oncology, Orlando, FL, November 2006
Poster
27. Lo. Y.C., Asch, C., Arrigo, J., Germano, I., Stock, R., Green, S., (2006): Evaluation of Setup Errors for Mobile Tumors and Stereotactic Radiotherapy in IGRT. 3rd International Novalis Meeting, Kyoto, Japan, May 28-30, 2006.
Platform presentation

28. Benveniste R, Keller G, Germano IM. The use of embryonic stem cell-derived astrocytes as gene therapy vectors to treat malignant tumors. Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2004
Platform presentation
29. Germano IM. Image-guided stereotactic implant of deep brain stimulators for movement disorders. Italian Neurosurgery Society, Alghero, Italy, July 2-3, 2004.
Platform presentation
30. Germano IM. Image-guided resections of tumors in eloquent areas. Italian Neurosurgery Society, Alghero, Italy, July 2-3, 2004.
Platform presentation
31. Germano IM, Gracies JM, Weisz D, Olanow CW. Unilateral stimulation of the subthalamic nucleus in Parkinson's disease-A prospective double-blind 12 month study. American Neurological Association, Annual Meeting, San Francisco, CA, 2003. Poster
32. Komata T, Kondo Y, Kawanza T, Hirohata S, Koga S, Sumiyoshi H, Takakura M, Inoue M, Tanaka R, Germano IM, Kyo S, Kondo S. A novel targeted-caspase gene therapy using the human telomerase reverse transcriptase (hTERT) gene promoter for malignant glioma cells. World Federation of Neuro-Oncology, Washington DC, November 15-18, 2001
Platform presentation
33. Yao K, Komata T, Kondo Y, Kondo S, Germano IM. Molecular responses of glioblastoma multiforme to radiation. Congress of Neurological Surgeons. San Diego, CA, September 22-27, 2001
Platform presentation
34. Germano IM, Morgello S, Woo S, Post KD. Gene therapy for recurrent glioblastoma: Interim report. Congress of Neurological Surgeons. San Antonio, TX, September 23-28, 2000
Platform presentation
35. Villalobos H, Weisz DJ, Germano IM. Computerized brain atlas, microelectrode recording, frame based and frameless stereotaxy for placement of deep brain stimulator electrode: Clinical experience. Congress of Neurological Surgeons. Boston, MA, October 30-November 4, 1999
Oral Poster
36. Germano IM, Olanow CW, Gracies JM, Weisz D, Bucobo JC, Silvers A, Brin M. High frequency stimulation of the subthalamic nucleus as a treatment for Parkinson's disease: a 12-month follow-up study. Congress of Neurological Surgeons. Boston, MA, October 30-November 4, 1999
Platform presentation
37. CE Morrison, Borod JC, Danisi F, Germano IM, Weisz D, Olanow CW, Brin MF. Cognition and Deep Brain Stimulation in Two Dystonia Patients. Fifth International Congress of Parkinson's Disease and Movement Disorder, New York, NY, October 10-14, 1998.

Platform presentation

38. Gracies JM, Bucobo JC, Danisi F, Germano IM, Brin MF, Olanow CW. Proposal for a method of stimulation parameter adjustment after deep brain stimulation for Parkinson's disease (PD). Fifth International Congress of Parkinson's Disease and Movement Disorder, New York, NY, October 10-14, 1998.
Poster
39. Walker RH, Danisi FO, Germano IM, Goodman RR, Brin MF. Equipment-related complications of intrathecal baclofen therapy. Fifth International Congress of Parkinson's Disease and Movement Disorder, New York, NY, October 10-14, 1998.
Poster
40. Germano IM, Villalobos H, Weisz D, Brin MF, Olanow CW. Image-guided computer-assisted technology as adjuvant for placement of deep brain stimulators. Fifth International Congress of Parkinson's Disease and Movement Disorder, New York, NY, October 10-14, 1998.
Poster
41. Brin MF, Germano IM, Danisi FO, Weisz D, Gracies JM, Eidelberg D, Bucobo J, Olanow CW. Deep Brain Stimulation (DBS) of Pallidum in Intractable Dystonia. Fifth International Congress of Parkinson's Disease and Movement Disorder, New York, NY, October 10-14, 1998.
Poster
42. Germano IM and Villalobos H. Computer-Assisted Image-Guided Neurosurgery: A Minimally Invasive Approach with Advantages For the Elderly. Congress of Neurological Surgeons, Seattle, WA, October 3-8, 1998.
Poster
43. Ahuja S, Sperber EF, Germano IM, Moshe L. Enhanced Kindling and Seizure-Induced Hippocampal Damage In Developing Rats With Neuronal Migration Disorders. American Epilepsy Society, Boston, MA, December 7-10, 1997.
Poster
44. Segal DH, Germano IM. The Optical Digitizer for Computer-Assisted Frameless Stereotactic Intracranial Procedures: Experience in 49 Cases. The American Association of Neurological Surgeons, Denver, CO, April 12-17, 1997.
Poster
45. Germano IM. Neuronal migrational disorders: an experimental model. 28th Annual meeting Society for Neuroscience, Los Angeles, CA, November 7-12, 1998.
Platform presentation
46. Brin MF, Swope D, Germano IM, Cunningham C, Gumprecht W, Eidelberg D. Familial common variable immunodeficiency (CVI) with chorea and ataxia, managed with intrathecal baclofen. The American Neurological Association, Miami, FL, October 13-16, 1996.
Platform Presentation

47. Queenan JV and Germano IM. Frameless stereotactic brain needle biopsy for brain tumors. Congress of Neurological Surgeons, Tumor Satellite Symposium, Montreal, Canada, September 28-October 3, 1996
Poster
48. Germano IM and Sperber EF. Neuronal Migration disorders increase the susceptibility to febrile seizures. European Congress of Epileptology, The Hague, The Netherlands, September 1-5, 1996.
Platform Presentation
49. Germano IM and Sperber EF. Decreased seizure threshold by cortical dysplasia is not age-related. American Association of Neurological Surgery, Minneapolis, MN, April 27-May 5, 1996.
Poster
50. Segal DH, Germano IM, Bederson JB. Effects of basic fibroblast growth factor on in vivo cerebral tumorigenesis. American Association of Neurological Surgery, Minneapolis, MN, April 27-May 5 1996.
Platform Presentation
51. Brisman MH, Germano IM, Morgello S, Simpson D. Is there a role for stereotactic biopsy in AIDS patients with presumed progressive multifocal leukoencephalopathy? American Association of Neurological Surgery, Minneapolis, MN, April 27-May 5, 1996.
Poster
52. Germano IM and Sperber EF. Methylation of Nucleic Acid during Neuroblastic Division Induces Experimental Neuronal Migration Disorders. Society of Neuroscience Annual Meeting, San Diego CA, November 11-16, 1995.
Platform Presentation
53. Segal DH and Germano IM. The in vivo effects of basic fibroblast growth factor on astrocytes. Society of Neuroscience Annual Meeting, San Diego, CA, Nov 11-16, 1995.
Poster
54. Germano IM. Transulcal approach to mesiotemporal lesions. Congress of Neurological Surgeons, San Francisco, CA, October 14-17, 1995.
Poster
55. O'Shea J, Germano IM, Lorberboym M, Morgello S, Estock L. Thallium-201 brain SPECT as an adjunct to standard neuroimaging in stereotactic brain biopsy. Congress of Neurological Surgeons, San Francisco, CA, October 14-17, 1995.
Poster
56. Mandell LR, Loberboym M, Mosesson R, Germano IM, Linzer DG, Tabert A, Dewyngaert JK. Preliminary Results of Thallium - 201 SPECT Scanning in the Post-Radiosurgery Management of Brain Tumor. International Stereotactic Radiosurgery Society, Boston, MA, June 14-17, 1995.
Platform Presentation

57. Germano IM, Sperber EF, Freidman LK, Ahuja S. Transplacentally induced neuronal migration disorders: Characterization of an experimental model for the study of the epilepsies. American Association of Neurological Surgeons, Annual Meeting, Orlando, FL, April 22-27, 1995.
Poster
58. Segal D, Germano IM, Bederson JB. Effects of basic fibroblastic growth factor on early phases on tumorigenesis. American Association of Neurological Surgeons, Annual Meeting, Orlando, FL, April 22-27, 1995.
Poster
59. Bederson JB, Guarino L, Germano IM. Dissociation of cortical blood flow and cerebral perfusion pressure during subarachnoid hemorrhage. American Association of Neurological Surgeons, Annual Meeting, Orlando FL, April 22-27, 1995.
Poster
60. Germano IM. Intrinsic epileptogenesis and cortical dysplasia: an animal model? International Bethel-Cleveland Clinic Epilepsy Symposium, Bielfeld, Germany, March 23-26, 1995.
Platform Presentation
61. Segal D, Bederson JB, Germano IM. Effects of fibroblast growth factor on temporary regional cerebral ischemia. International Joint conference on stroke, Charleston, SC, February 9-11, 1994. Poster
62. Germano IM and Sperber EF. The effects of neuronal migrational disorders on seizure susceptibility. American Epilepsy Society, New Orleans, LA, December 2-8, 1994.
Platform Presentation
63. Germano IM and Olivier A. Reoperation for temporal lobe epilepsy. Congress of Neurological Surgeons, Chicago, IL, October 1-6, 1994.
Poster
64. Germano IM, Guarino L, Bederson JB. Changes in cerebral blood flow precede electrographic seizure discharges. Society for Neuroscience. Miami, FL, November 13-18, 1994.
Poster
65. Bederson JB, Guarino L, Germano I. Failure of cerebral perfusion pressure changes to account for ischemia caused by subarachnoid hemorrhage: a new experimental model. Society for Neuroscience. Miami, FL, November 13-18, 1994.
Poster
66. Germano IM, Sperber EF, Friedman LK, Zuckin LK, Moshe' SL. Neuronal migrational disorders and epileptogenesis. European Congress of Epileptology, Oporto, Portugal, September 6-10, 1994.
Platform Presentation

67. Germano IM, Olivier A, Cuckiert A, Peters T. Three-dimensional images and robotics for planing of epilepsy surgery. European Congress of Epileptology, Oporto, Portugal, September 6-10, 1994.
Platform Presentation
68. Bederson JB, Germano IM, Guarino L. Augmentation of experimental regional ischemia by vertebral artery occlusion. International Joint Conference on Stroke, San Diego, CA February 17-19, 1994.
Poster
69. Bederson JB, Schwartz A, Germano I. Prediction of stroke size by acute changes in laser doppler flowmetry during middle cerebral artery occlusion. International Joint Conference on Stroke, San Diego, CA February 17-19, 1994.
Poster
70. Germano IM, Olivier A, Jones-Gotman M, Anderman F. Psycho-social outcome after reoperation for temporal lobe epilepsy. American Epilepsy Society, Miami, FL, December 3-9, 1993.
Platform Presentation
71. Germano IM, Friedman LK, Sperber EF, Zuckin RS, Goldensohn ES, Moshe' SL. Expression of GABA and glutamate receptors in a rat model for epilepsy. Society for Neuroscience, Washington, DC, November 7-12, 1993.
Platform Presentation
72. Germano IM, Olivier A, Cukiert A, Peters T. Frameless stereotaxy for surgery of the epilepsies. International Congress of Neurological Surgeons, Acapulco, Mexico, October 1993.
Platform Presentation
73. Germano IM, Olivier A, Jones-Gotman M, Anderman F. Surgical, seizure, and social outcome after reoperation for temporal lobe epilepsy. International Epilepsy Meeting, Oslo, Norway, July 3-8, 1993.
Platform Presentation
74. Legatt AD, Ballaban-Gil K, Germano IM, Kang H, Shinnar S, Moshe' SL. Hippocampal spikes followed by inferior temporal spikes in patients with epilepsy of mesial temporal lobe origin. Academy of Neurology, New York, NY, April 5-10, 1993.
Poster
75. Germano IM, Edwards M, Davis RL, Schiffer D. Intracranial meningiomas of the first two decades of life. Congress of Neurological Surgeons, Washington, DC, November 1-4, 1992.
Platform Presentation
76. Germano IM, Yasargil MG, Wiesler OD, HG Wieser. Selective amygdala-hippocampectomy for treatment of temporal lobe epilepsy. American Association of Neurological Surgeons, New Orleans, LA, April 20-25, 1991.
Platform Presentation

77. Germano IM, Yasargil MG, Wiesler OD, HG Wieser. The role of magnetic resonance imaging in presurgical evaluation of temporal lobe epilepsy. American Epilepsy Society, San Diego, CA, November 9-14, 1990.
Poster
78. Rowley HA, Germano IM, Halbach VV, Tsuruda JS, Norman D. Magnetic resonance imaging in carotid and vertebral artery dissection. Radiological Society of North America, Chicago, IL, November 25-30, 1990.
Poster
79. Germano IM, Davis RL, Wilson CB, Hieshima GB. Histopathological findings of cerebral arteriovenous malformations treated by embolization with polyvinyl alcohol. American Association of Neuro-Pathology, San Francisco, CA, June 14-17, 1990
Poster
80. Germano IM, Masami I, Hoshino T, Davis R. Correlation between histopathology and in situ cell kinetic: an attempt to improve prognostic-diagnostic criteria of intracranial gliomas. American Association of Neurological Surgeons, Toronto, Canada, April 24-28, 1988.
Poster
81. Germano I, Pitts LH, Nishimura M, Cassel MB, Bederson J. Temporary Middle Cerebral Artery Occlusion (MCAO): Evaluation of a New Model in the Rat. American Association of Neurological Surgeons, Toronto, Canada, April 24-28, 1988.
Poster
82. Germano IM, Pitts L, Berry I. In vivo metabolism of evolving cerebral infarction: evaluation of ³¹P Magnetic Resonance Spectroscopy (MRS) and Magnetic Resonance Imaging (MRI). First Annual Research Presentation Day, UCSF, San Francisco, CA, February 5, 1988.
Platform Presentation
83. Germano IM, Pitts L, Berry I, Moseley M. In vivo MRI and T1- T2- relaxation times involving focal cerebral ischemia. Society of Magnetic Resonance in Medicine, 6th Annual Meeting, New York, NY, August 17-21, 1987.
Platform Presentation
84. Germano IM, Pitts L Calcium antagonists in focal ischemia: an update. International Symposium on the Role of Divalent Metals in Critical Care Medicine, American Society for Mg Research, Honolulu, Hawaii, June 24-28, 1987.
Platform Presentation
85. Germano IM, Pitts L, Bederson J, Nishimura M, Bartkowski H. Effects of nimodipine in experimental acute focal cerebral ischemia: an update. International Symposium on Surgery for Cerebral Stroke. Sendai, Japan, May 24-27, 1987,
Platform Presentation

86. Germano IM, Pitts L. Magnetic resonance imaging (MRI) and spectroscopy (MRS) for evaluation of evolving focal cerebral ischemia. American Association of Neurological Surgeons, Dallas, TX, May 3-7, 1987.
Platform Presentation
87. Germano IM, Pitts L, Ishige N, Berry I. Effects of nimodipine pretreatment in experimental head injury. American Association of Neurological Surgeons, Dallas, TX, May 3-7, 1987.
Poster
88. Germano IM, Pitts L, Davis R. The ischemic penumbra: usefulness of its histopathological evidentiatioin in assessment of treatment. American Association of Neurological Surgeons, Dallas, TX, May 3-7, 1987.
Poster
89. Germano IM, Pitts L, Ishige N. Experimental brain trauma: effects of pre-injury treatment with nimodipine. International Symposium on Calcium Antagonists, New York, NY, February 10-13, 1987.
Poster
90. Germano IM, Pitts L, Berry I, Moseley M. Role of MRI and MRS in evolving cerebral ischemic infarction. 12th International Joint Conference on Stroke and Cerebral Circulation, Tampa, FL, February 26-28, 1986. Platform Presentation
91. Germano IM, Pitts L, Bartkowski H, Davis R. Microscopical visualization of the ischemic penumbra. Effects of nimodipine. 12th International Joint Conference on Stroke and Cerebral Circulation, Tampa, FL, February 26-28, 1986.
Platform Presentation
92. Germano IM, Pitts L, Bartkowski, Simon R. Acute focal cerebral ischemia: Time frame protection of excitatory neurotransmission in the rat. 12th International Joint Conference on Stroke and Cerebral Circulation, Tampa, Florida, February 26-28, 1986.
Poster
93. Berry I, Germano IM, Moseley M, Ogan M, Kucharczyk J, Schmiel U, Derugin N, Pitts L, Brash R, Brant-Zawadzki M. Cerebral blood volume assessed by magnetic resonance imaging (MRI) and vascular paramagnetic marker (HSA-GT-DTPA) in experimentally induced regional cerebral ischemia. 72nd Meeting of the Radiology Society of North America, Chicago, IL, November 30-December 5, 1986.
Platform Presentation
94. Simon R, Germano IM, Meldrum B, Bartkowski H, Pitts L. Attenuation of infarct size and neurologic deficit by inhibition of excitatory neurotransmission following permanent, unilateral, middle cerebral artery occlusion. 111th Annual Meeting of the American Neurological Association, Boston, MA, October 5-8, 1986.
Platform Presentation
95. Germano IM, Bartkowski H, Davis R, Nishimura M, Berry I, Pitts L. Effects of nimodipine on the ischemic penumbra: A neuropathological study correlated with

electroencephalography (EEG), cerebral blood flow (CBF), and magnetic resonance imaging (MRI). X International Congress of Neuropathology, Stockholm, Sweden, September 7-12, 1986.
Platform Presentation

96. Germano IM, Bartkowski H, Meldrum B, Pitts L, Simon R. Inhibition of excitatory neurotransmission with kynurenic acid attenuates infarct size and improves neurological outcome following permanent cerebral artery occlusion in the rat. X International Congress of Neuropathology, Stockholm, Sweden, September 7-12, 1986.

Poster

97. Germano IM, Bartkowski H, Berry I, Moseley M, Brant-Zawadzki M, Nishimura M, Pitts L. Combined magnetic resonance imaging and ³¹P/¹H spectroscopy in focal cerebral ischemia in the dog. Society of Magnetic Resonance in Medicine, Montreal, Canada, August 18-22, 1986.

Platform Presentation

98. Germano IM, Bartkowski H, Berry I, Davis R, Moseley M, Nishimura M, Brant-Zawadzki M, Pitts L. Magnetic resonance imaging (MRI) in the evaluation of nimodipine-treated acute experimental focal cerebral ischemia. Society of Magnetic Resonance in Medicine, Montreal, Canada, August 18-22, 1986.

Poster

99. Germano IM, Pitts L, Berry I, Moseley M, Brant-Zawadzki M, Bartkowski H. Focal cerebral ischemia in the rat: ³¹P spectroscopy (MRS) and magnetic resonance imaging (MRI). Society of Magnetic Resonance in Medicine, Montreal, Canada, August 18-22, 1986.

Poster

100. Germano IM, Nishimura M, Bartkowski H, Pitts L. Intracardiac perfusion of 2,3,5 triphenyltetrazolium chloride (TTC) for detection and quantification of experimental cerebral infarction. American Association of Neurological Surgeons, Denver, CO, April 13-17, 1986.

Poster

101. Germano IM, Bartkowski H, Nishimura N, Pitts L. The therapeutic value of nimodipine in experimental focal cerebral ischemia: neurologic outcome, cerebral electrical activity, and neuropathological findings. American Association of Neurological Surgeons, Denver, CO, April 13-17, 1986.

Poster

102. Germano IM, Bartkowski H, Nishimura N, Berry I, Moseley M, Brant-Zawadzki M, Pitts L. Magnetic resonance imaging (MRI) and simultaneous ³¹P and ¹H spectroscopy (MRS) for evaluation of experimental post-ischemic cerebral metabolism and brain edema. Federation of Western Society of Neurological Sciences, 23rd Annual Meeting. San Francisco, CA, February 20-23, 1986.

Platform Presentation

103. Germano IM, Bartkowski H, Nishimura M, Pitts L. The therapeutic value of nimodipine in experimental focal cerebral ischemia. San Francisco Neurological Society, Yosemite, CA, February 20-23, 1986.
Platform Presentation
104. Germano IM, Bartkowski H, Nishimura M, Cassel B, Pitts L. The effects of nimodipine in acute experimental cerebral ischemia in the rat. XIth International Conference on Stroke and Cerebral Circulation, San Francisco, CA, February 20-23, 1986.
Platform Presentation
105. Moseley M, Berry I, Germano IM, Brant-Zawadzki M, Bartkowski H, Weinstein P, Nishimura M, Chew W, Hurd R, Levy R. Magnetic resonance imaging and P31/H1 spectroscopy of experimental brain ischemia. American Society of Neuroradiology, San Diego, CA, January 19-21, 1986.
Platform Presentation
106. Moseley M, Berry I, Germano IM, Brant-Zawadzki M, Bartkowski H, Nishimura M, Derugin N. Large animal in vivo combined imaging and 31P/1H spectroscopy of ischemic brain injury. 71st Meeting of the Radiology Society of North America, Chicago, IL, November 16-23, 1985.
Platform Presentation
107. Schiffer D, Germano IM, Giordana MT, Mauro A. Increased cellular heterogeneous base of glioma anaplasia. Joint Brain Tumor Meetings ABCD-GIB, Bardonecchia, Italy, October 16-21, 1985. Platform Presentation
108. Mosely M, Berry I, Brant-Zawadzki M, Bartkowski H, Weinstein P, Nishimura M, Derugin N, Germano IM. Large animal in vivo 31P and H1 spectroscopy of the CNS. Western Neuroradiology Society, Monterey, CA, October 4-6, 1985.
Platform Presentation
109. Mauro A, Germano IM, Giaccone G, Schiffer D. Vimentin in human brain tumors: an immunohistochemical study. Topics in Brain Tumors, Verona, Italy, June 12-14, 1985.
Platform Presentation
110. Mauro A, Gallaret M, Germano IM, Giaccone G, Schiffer D. Immunohistochemical visualization of the neuronal and glial component of a gangliocytoma. XXIst Annual Meeting Italian Neurology-neuropathology Society, Siena, Italy, June 28-30, 1985.
Poster
111. Giaccone G, Germano IM, Migheli A, Mauro A. Immunohistochemical simultaneous visualization of several CNS antigens by means of the 1-NBD technique. XXIst Annual Meeting Italian Neurology-Neuropathology Society, Siena, Italy, June 28-30, 1985.
Platform Presentation

112. Mauro A, Germano IM, Giaccone G, Migheli A, Giordana MT, Sicuro L. Immunohistochemistry study of CNS teratoma. XXIst Annual Meeting Italian Neurology-Neuropathology Society, Siena, Italy, June 28-30, 1985.
Poster
113. Mauro A, Germano IM, Giaccone G, Giordana MT, Schiffer D. Transplacental ENU tumors of the rat: immunohistochemical contribution to the recognition of cell types. IInd International Symposium on Biology of Brain Tumors, London, GB, October, 24-26, 1984.
Poster
114. Mauro A, Germano IM, Giaccone G, Giordana MT, Migheli A, Schiffer D. Immunohistochemical demonstration of factor VIII/RAG in cerebral tumors by monoclonal antibodies. International Symposium on Monoclonal Antibodies: Biological and Clinical applications, Florence, Italy, October 16-19, 1984.
Platform Presentation
115. Mauro A, Germano IM, Giaccone G, Schiffer D. Alpha-naphthol-basic dye: an alternative for peroxidase demonstration and its application to CNS immunohistochemistry. Second European Conference in Neuropathology, Warsaw, Poland, September 20-22, 1984.
Platform Presentation
116. Mauro A, Germano IM, Giaccone G. Usefulness of alpha naphthol as substrate for peroxidase in immunohistochemical demonstration of CNS antigens. XXth Annual Meeting Italian Neurology-Neuropathology Society, Tarquinia, Italy, June 25-26, 1984.
Poster
117. Mauro A, Germano IM, Giaccone G, Giordana MT, Goia L, Migheli A, Schiffer D. Immunohistochemical demonstration of factor VIII/RAG in normal and pathological nervous system by means of mono- and polyclonal antibodies. XXth Annual Meeting Italian Neurology-Neuropathology Society, Tarquinia, Italy, June 25-26, 1984.
Platform Presentation
118. Mauro A, Germano IM, Giaccone G, Giordana MT, Schiffer D. L'importanza del fattore VIII nello studio dei vasi in processi infiammatori. Reunion Anual Ordinaria Club Espanol De Neuropathologia, Barcelona, Spain, December 15-16, 1983.
Platform Presentation
119. Mauro A, Bertolotto A, Germano IM, Giaccone G, Giordana MT, Migheli A, Schiffer D. Laminin. Visualization in normal nervous tissue and in tumors of the CNS. XIXth Annual Meeting Italian Neurology-Neuropathology Society, Saint-Vincent, Italy, June 27-28, 1983.
Platform Presentation
120. Migheli A, Germano IM, Giaccone G, Giordana MT, Schiffer D. The use of collagenase in the immunohistochemical demonstration of fibronectin, laminin,

factor VIII/RAG. XIXth Annual Meeting Italian Neurology-Neuropathology Society, Saint-Vincent, Italy, June 27-28, 1983.
Poster

INVITED LECTURES

National meetings

1. Germano IM. Functional mapping for tumor surgery. American Association of Neurological Surgeons, New Orleans LA, April 26-May1, 2013.
2. Germano IM. Functional Brain Mapping. Faculty, Seminar, American Association of Neurological Surgeons, Miami FL, April 13-18, 2012
3. Germano IM. Radiosurgical treatment of asymptomatic grade I – II AVM. International Stroke Conference, Los Angeles, CA, February 8 – 11, 2011
4. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
5. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
6. Germano IM. Embryonic stem cell-based gene delivery for brain tumors: from bench to bedside. Invited lecture. American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
7. Germano IM. Clinical Application of brain tumor images. American Society for Neuro-Radiology, May 15-20, 2010
8. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Philadelphia, PA, May 1-5, 2010
9. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, Philadelphia, PA, May 1-5, 2010
10. Germano IM. Brain mapping and surgery for epilepsies: ultrasound guided resections. American Association of Neurological Surgeons, San Diego, CA, May 1-6, 2009
11. Germano IM. Brain mapping and Epilepsy Faculty, Practical Course, American Association of Neurological Surgeons, Chicago, IL, April 26-30, 2008
12. Germano IM. Update on tumor surgery. Moderator, Symposium, American Association of Neurological Surgeons, Washington, DC, April 14-19, 2007

13. Germano IM. Intra-operative brain mapping, including surgery for epilepsy. Practical Clinic, American Association of Neurological Surgeons, Washington, DC, April 14-19, 2007
14. Germano IM. Update on tumor surgery. Breakfast Seminar, American Association of Neurological Surgeons, San Francisco, CA, April 22-27, 2006
15. Germano IM. Functional mapping of cerebral cortex: pitfalls. Breakfast Seminar, American Association of Neurological Surgeons, San Francisco, CA, April 22-27, 2006
16. Germano IM. Pre-operative brain mapping. Practical Clinic, American Association of Neurological Surgeons, San Francisco, CA, April 22-27, 2006
17. Germano IM. High frequency, low temperature radiosurgery: adjunct for brain Tumor resection. A. Bowles- Discussant, Congress of Neurological Surgeons, Chicago, IL October 7-12, 2006
18. Germano IM. Operating in Eloquent Cortex. Practical Clinic, Faculty, Congress of Neurological Surgeons, Boston, MA October 8-13, 2005
19. Germano IM. Update on tumor surgery. American Association of Neurological Surgeons, New Orleans, LO April 16-21, 2005
20. Germano IM. Pre-operative and Intraoperative brain mapping, including surgery for epilepsy. American Association of Neurological Surgeons, New Orleans, LO April 16-21, 2005
21. Germano IM. Surgical treatment of movement disorders. Luncheon Seminar. Faculty, Congress of Neurological Surgeons. San Francisco, CA October 16-21, 2004
22. Germano IM. Update on tumor surgery. American Association of Neurological Surgeons, Orlando, FL, 1-6, 2004
23. Germano IM. Functional mapping of the cortex: advantages and limitations. American Association of Neurological Surgeons, Orlando, FL, 1-6, 2004
24. Germano IM. Non-invasive pre-operative and intra-operative brain mapping. American Association of Neurological Surgeons, Orlando, FL, 1-6, 2004
25. Germano IM. Surgical treatment of movement disorders. Congress of Neurological Surgeons. San Francisco, CA October 16-21, 2004
26. Germano IM. Computer-assisted image-guided Neurosurgery. Practical Course, Faculty. Quadrennial Meeting of the American Society of Stereotactic and Functional Neurosurgery, New York, NY, May 18-21, 2003
27. Germano IM. Surgical treatment of movement disorders. Congress of Neurological Surgeons. Denver, CO, October 18-23, 2003

28. Germano IM. Advances in Stereotactic and Functional Neurosurgery. Congress of Neurological Surgeons. Denver, CO, October 18-23, 2003
29. Germano IM. Image-guided surgery. Quadrennial Meeting of the AANS/CNS Joint section on Stereotactic and Functional Neurosurgery, New York, NY, May 18-21, 2003
30. Germano IM. Is Epilepsy surgery on both hemispheres safe and effective? American Association of Neurological Surgeons, San Diego, CA, April 26-30, 2003
31. Germano IM. Advanced techniques and complications for stereotactic resection of intracranial lesions. American Association of Neurological Surgeons, San Diego, CA, April 26-30, 2003
32. Germano IM. Image-guided cranial neurosurgery and Intraoperative MRI. American Association of Neurological Surgeons, San Diego, CA, April 26-30, 2003
33. Germano IM. Stereotactic and Functional Neurosurgery. Congress of Neurological Surgeons. Philadelphia, PA, September 21-26, 2002
34. Germano IM. Parkinson's disease, dystonia and movement disorders. Congress of Neurological Surgeons. Philadelphia, PA, September 21-26, 2002
35. Germano IM. Image guided spinal navigation. Congress of Neurological Surgeons. Philadelphia, PA, September 21-26, 2002
36. Germano IM. Image guided cranial navigation. Congress of Neurological Surgeons. Philadelphia, PA, September 21-26, 2002
37. Germano IM. Interactive Image-guided Neurosurgery. American Association of Neurological Surgeons, Chicago, IL, April 6-11, 2002
38. Germano IM. Current technologies and applications for frameless cranial stereotaxy. American Association of Neurological Surgeons, Chicago, IL, April 6-11, 2002
39. Germano IM. Epilepsy surgery. Platform Session Moderator. American Epilepsy Society, Philadelphia, PA, November 30-December 5, 2001
40. Germano IM. Epilepsy surgery. Congress of Neurological Surgeons. San Diego, CA. September 22-27, 2001
41. Germano IM. Spinal navigation. Congress of Neurological Surgeons, San Diego, CA. September 22-27, 2001
42. Germano IM. Cranial navigation. Congress of Neurological Surgeons, San Diego, CA. September 22-27, 2001
43. Germano IM Image-guided computer-assisted functional neurosurgery. American Association of neurological Surgeons, Toronto, Canada, April 16-20, 2001

44. Germano IM. Functional Brain Mapping techniques. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
45. Germano IM and Foley K. Image-guided spinal surgical navigation. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
46. Germano IM and Barbaro N. Cortical Mapping and Surgery for Epilepsy. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
47. Germano IM and Foley K. Image-guided cranial surgical navigation. Congress of Neurological Surgeons, San Antonio, TX, September 23-28, 2000
48. Germano IM. Brain mapping and epilepsy surgery. American Association of Neurological Surgeons, San Francisco, CA, April 8-13, 2000
49. Germano IM. Update on Interactive Image-guided Neurosurgery. American Association of Neurological Surgeons, San Francisco, CA, April 8-13, 2000
50. Germano IM. Advanced applications in image-guided Neurosurgery. Medical Educational Resources, Naples, FL, March 10-12, 2000
51. Germano IM. Do febrile seizures cause temporal lobe epilepsy? A symposium Update. American Epilepsy Society , Orlando, FL, December 3-8,1999
52. Germano IM. Image-guided cranial surgical navigation. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999
53. Germano IM and Barbaro N. Cortical mapping and surgery for epilepsy. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999
54. Germano IM. Pallidotomy and other surgical treatment for Parkinson's diseases. Congress of Neurological Surgeons Boston, MA, October 30-November 4, 1999
55. Germano IM. Interactive image guided Neurosurgery. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999
56. Germano IM. Cortical mapping and surgery for epilepsy. Congress of Neurological Surgeons, Seattle, WA. October 3 - 8, 1998
57. Germano IM. Spinal neurosurgical navigation: an overview. Congress of Neurological Surgeons, Seattle, WA. October 3-8, 1998
58. Germano IM. Cranial neurosurgical navigation. Congress of Neurological Surgeons, Seattle, WA. October 3-8, 1998
59. Germano IM. Stereotactic surgery for movement disorders. Congress of Neurological Surgeons, Seattle, WA. October 3-8, 1998
60. Germano IM. Movement disorders: an overview. Congress of Neurological Surgeons, Seattle, WA. October 3-8, 1998

61. Germano IM. Applications of image-guided and endoscopic surgery. Medical Educational Resources, Naples, FL, November 21-23, 1997
62. Germano IM. Cranial navigation. Congress of Neurological Surgeons, New Orleans, LA. September 27, 1997
63. Germano IM. Pallidotomy for Parkinson's disease: Techniques and outcome. Congress of Neurological Surgeons, New Orleans, LA. September 27 - October 2, 1997
64. Germano IM. Pediatric Epilepsy. American Association of Neurological Surgeons, Denver, CO, April 12-17, 1997
65. Germano IM. Functional Brain Mapping. Faculty, Seminar, American Association of Neurological Surgeons, Miami, FL, April 13-18, 2012
66. Germano IM. Radiosurgical treatment of asymptomatic grade I – II AVM. International Stroke Conference, Los Angeles, CA, February 8 – 11, 2011
67. Germano IM. Brain mapping techniques in Adult and pediatric Neoplasms. Faculty, Practical Course. American Association of Neurological Surgeons, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
68. Germano IM. Functional Mapping of the cerebral cortex: Advantages and limitations. Faculty, Seminar, American Association of Neurological Surgeons, Denver, CO, April 19-14, 2011
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74. Germano IM. Brain mapping and Epilepsy Faculty, Practical Course, American Association of Neurological Surgeons, Chicago, IL, April 26-30, 2008

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128. Germano IM. Pediatric Epilepsy. American Association of Neurological Surgeons, Denver, CO, April 12-17, 1997
129. Germano, IM. Clinical applications of image guided surgery. Sofamor Danek Symposium, Memphis, TN. May 30, 1996

International meetings

1. Germano IM. Stem cells and primary brain tumors. European Association of Neurological Surgeons (EANS), Tel Aviv, Israel, November 11-14, 2013
2. Germano IM. Stem cells as vectors for Brain tumor therapy. World Federation of Neurological Surgeons, Seoul, Korea, September 8-13, 2013
3. Germano IM. Pituitary adenomas: Radiosurgery indications, techniques, and outcome. International Neurosurgical Winter Congress, Chamonix, France, February 10-16, 2013
4. Germano IM. Radiographic tumor volume increase after stereotactic radiosurgery for vestibular schwannoma: expected finding or exception? International Neurosurgical Winter Congress, Chamonix, France, February 10-16, 2013
5. Germano IM. Complication Avoidance. International Congress on Minimally Invasive Neurosurgery, Florence, Italy, March 20-23, 2012
6. Germano IM. Advances in Neurosurgical Oncology: 3D navigation. International Neuro-Oncology Meeting, Buenos Aires, Argentina, October 12-14, 2011
7. Germano IM. Neurosurgical treatment of single and multiple brain metastasis. International Neuro-Oncology Meeting, Buenos Aires, Argentina, October 12-14, 2011

8. Germano IM. The role of stem cells in gliomas' translational medicine. International Neuro-Oncology Meeting, Buenos Aires, Argentina, October 12-14, 2011
9. Germano IM. Applications of advances imaging for management of cerebrovascular diseases. 9th International Conference on Cerebrovascular Surgery, Nagoya, Japan, November 18-22, 2009
10. Germano IM. Brain Tumors and Stem Cells: Oncogenesis and Therapy. Invited Speaker, World Federation of Neurological Surgeons, August 30-September 4, 2009, Boston, MA
11. Germano IM. Functional and Epilepsy Plenary Session. Chairman and Speaker 13th World Federation of Neurological Surgeons Meeting, Nagoya, Japan, November 18-21, 2007
12. Germano IM. Experimental therapies for malignant gliomas. Moderator and Discussant, 2nd International Updates in Neuro-Oncology Meeting, Cortona, Italy, June 28-30, 2007
13. Germano IM. Surgery for the epilepsies. Faculty, Symposium, 56th Italian Neurosurgery Society Meeting and Joint Congress of Neurological Surgeons Meeting, Rome, Italy, June 24-27, 2007
14. Germano IM. DBS and movement disorders. Faculty, Breakfast Seminar 56th Italian Neurosurgery Society Meeting and Joint Congress of Neurological Surgeons Meeting, Rome, Italy, June 24-27, 2007
15. Germano IM. Radiosurgery Symposium. Chairman, 13th World Federation of Neurological Surgeons Meeting, Nagoya, Japan, November 18-21, 2007
16. Germano IM. Minimally invasive techniques. Sixth International Congress on Minimally Invasive Neurosurgery, Nagoya, Japan, March 7-9, 2005
17. Germano IM. Awake craniotomy: indications and techniques. Italian Neurosurgery Society, Alghero, Italy, July 2-3, 2004
18. Germano IM. Deep brain stimulation for Parkinson's disease. Alberta Neurosurgery Meeting, Alberta, Canada, March 15, 2002
19. Germano IM. Gene therapy for recurrent glioblastoma: clinical experience. European Society for Neuro-Oncology, Florence, Italy, September 7-12, 2002
20. Germano IM. Deep brain stimulation for Parkinson disease. World Congress of Neurosurgery. Sydney, September 16-20, 2001
21. Germano IM. Application of the Neuronavigator in Neurosurgery. Hands-on workshop, Faculty. III Asian Conference of Neurological Surgeons, Nagoya, Japan, November 5-9, 2000

22. Germano IM. Image-guided brain surgery. Luncheon Seminar, Chairman. III Asian Conference of Neurological Surgeons, Nagoya, Japan, November 5-9, 2000
23. Germano IM. Recent advances in epilepsy surgery. III Asian Conference of Neurological Surgeons, Nagoya, Japan, November 5-9, 2000
24. Germano IM. Women in Neurosurgery: the past and the present. III Asian Conference of Neurological Surgeons, Nagoya, Japan, November 5-9, 2000
25. Germano IM. Update on neurosurgical treatment of brain tumors. Department of Neurosurgery, Nagoya University, Nagoya, Japan, November 9, 2000
26. Germano IM. International Symposium on Neuronavigation. Italian Neurosurgery Society XLIX Meeting, Milan, Italy, October 15-19, 2000
27. Germano IM. La neuronavigazione nella chirurgia vertebro-midollare. Societa Italiana di Neurochirurgia. Italy, Marzo 15-22, 1998.
28. Germano IM. La neuronavigazione nella chirurgia cranio-encefalica. Societa Italiana di Neurochirurgia. Italy, Marzo 15-22, 1998.
29. Germano IM. Selective temporal lobe resections. Italian Neurosurgery Society XLVI Annual Meeting, Taormina, Italy, October 15-19, 1997
30. Germano IM. Basic mechanisms of Epilepsy. European Congress of Epileptology, September 1-5, 1996, The Hague, The Netherlands
31. Germano IM. Treatment of CNS infections. Congress of Neurological Surgeons. Montreal, Canada, September 28-October 3, 1996
32. Germano IM. Experimental aspects on epileptogenesis and cortical dysplasia. Sixth International Epilepsy Symposium, Bielfeld, Germany. March 23-26, 1995
33. Germano IM. Robotics in neurosurgery. 43rd Annual Meeting Italian Neurosurgery Society, Messina, Italy, October 15-20, 1994

Extramural local/regional meetings (excerpta)

Germano IM. Stem cells as delivery vectors for glioma therapy. Brain Tumor Biotech Summit, Cornell University, New York, NY, June 7, 2013.

Germano IM. Stem cells and malignant gliomas. Moderator. Brain Tumor Biotech Summit, Cornell University, New York, NY, June 7, 2013.

Binello E and Germano IM. Glioma stem cells: characterization of a preclinical model and direct targeting approach. New York State Neurosurgical Society, Harvard Club, New York, NY, June 1, 2012.

Binello E and Germano IM. Current management of brain metastasis. CME event on Advances on Brain Tumor Therapies, The Hudson Hotel, New York, NY, June 8, 2012.

Germano IM. Stem cells in gliomas: from bench to bedside. Brain Tumor Biotech Summit, Cornell University, New York, NY, June 8, 2012.

Germano IM. Stem cell therapies. Moderator. Brain Tumor Biotech Summit, Cornell University, New York, NY, June 8, 2012.

Binello E and Germano IM. An immunocompetent stem-cell enriched murine glioma model for pre-clinical testing. New York Society for Neurosurgery Resident Research Night, New York, NY, July 7, 2011.

Binello E. Germano IM. Effect of fenofibrate on glioma cell proliferation and apoptosis in vitro. New York State Neurosurgical Society Annual Meeting, Rye Brook, NY, June 3, 2011

Minimally invasive Multi-Disciplinary Treatment of brain tumors: from bench to bedside. Germano IM, New York University (NYU), Grand Rounds, Rehabilitation Medicine Center, October 27, 2011

An Immunocompetent stem-cell enriched murine glioma model for pre-clinical testing. Binello E, Germano IM. New York City neurosurgery Society, Annual Research Day, July 7, 2011

Binello E, Germano IM. Embryonic stem-cell mediated gene therapy for high grade gliomas. New York Society for Neurosurgery, New York, NY May 27, 2010.

Binello E, Germano IM. Melanoma differentiation associated gene-7 (mda-7)/ IL-24 enhances the pro-apoptotic effects of tumor necrosis factor-apoptosis inducing ligand (TRAIL) in human malignant gliomas. New York State Neurosurgical Society Annual Meeting, New Rochelle, NY, June 4, 2010.

Germano IM. Neurosurgery for Primary Brain Tumors. AMERICAN BRAIN TUMOR ASSOCIATION PATIENT MEETING Saturday, New York, NY, September 29, 2007.

Germano IM. Image-guided surgery and gene therapy for gliomas. Guest Speaker. 14th Tumor of the Central Nervous System Symposium, Boston MA, December 4-5, 2006

Germano IM. Image-guided techniques for brain tumor surgery. Multi-disciplinary Review, North Shore Hospital, Long Island, NY, November 10, 2004

Germano IM. Changing pattern of brain tumor epidemiology. Malignant brain tumors: innovative approaches to management. A multidisciplinary symposium. New York Medical College- Westchester Medical Center, Tarrytown, NY. October 29, 2004

Germano IM. Advanced techniques in brain tumor surgery. Department of Medicine, North General Hospital, Manhattan, NY, October 6, 2004

Germano IM. Introduction to brain tumors. Hofstra University, Guardian Brain Foundation and Musella Foundation, Hemstead, NY, September 12, 2004

Germano IM. Update on minimally invasive brain tumor surgery. Department of Medicine, Hungtington, NY, February 12, 2004

Germano IM. Stereotactic surgery for movement disorders. Neurosurgery Quarterly, Mount Sinai Queens, Queens, NY, February 10, 2004

Germano IM. Advances in image-guided Neurosurgery. Department of Medicine, St. Joseph's Hospital, Yonkers, NY, February 10, 2004

Germano IM. Advances in sterotactic radiosurgery for malignant brain tumors. Departments of Medicine and neurology Symposium, Neptune, NJ, May 14, 2003

Germano IM. Gene therapy for malignant brain tumors. Department of Medicine, St. Joseph's Hospital, Patterson, NJ, March 14, 2002

Germano IM. Stereotactic radiosurgery for brain tumors. Department of Medicine, St. Joseph's Hospital, Patterson, NJ, January 21, 2002

Germano IM . Epilepsy and febrile seizures: an update. Epilepsy Symposium Department of Neurology, Columbia University, New York, NY, April 14, 1999

Germano IM. It is not brain surgery. Dean's Mini-Med education, Mount Sinai School of Medicine, New York, April 18, 2000

Germano IM. Computer-assisted image-guided Neurosurgery: A minimally invasive approach. Update in Clinical Neurology. New Jersey Shore Medical Center, NJ. May 12, 1998.

Germano IM. High technology in Neurosurgery. Neurosurgery New York City 19th Annual Post-Graduate Course. December 9-11, 1996

Germano IM. Febrile seizures and neuronal migration disorders. Columbia University Department of Neurology. Gertrude H. Sergievsky Center, New York. September 16, 1996.

Germano IM. New frontiers in Neurosurgery. 20th Annual Post-graduate Neurosurgery Meeting, New York, NY, December 9-11, 1996

Germano IM. The optical digitizer in Neurosurgery. 19th Annual Post-graduate Neurosurgery Meeting, New York, NY, December 5-7, 1995

Germano IM. Neuronal migration disorders and epilepsy. Columbia University Department of Neurology. Gertrude H. Sergievsky Center, New York, NY. May 16, 1995.

Germano IM. Update in epilepsy surgery. Montefiore Medical Center/Albert Einstein College of Medicine, Department of Neurosurgery, Bronx, NY, September 25, 1995

Germano IM. Epilepsy surgery. 17th Annual Post-graduate Neurosurgery Meeting, New York, NY, December 5-7, 1993

INVITED VISITING PROFESSOR (excerpta)

Department of Neurosurgery
Ospedale del Bambin Gesu', Vatican
November 27, 2013

Department of Neurosurgery
University of Cagliari, Cagliari, Italy
June 28, 2013

Department of Neurosurgery
University of Torino, Torino, Italy
November 30, 2012

Department of Rehabilitation Medicine
NYU, NY
October 27, 2011

Department of Neurosurgery
UMDNJ, NJ
December 14, 2010

Department of Neurosurgery
Montreal Neurological Institute, Montreal Canada
June 4-5, 2009

Department of Neurosurgery
Stanford University Medical Center
February 13, 2009

Department of Neurosurgery
University of Turin, Italy
February 18, 2004

Division of Neurosurgery
University of Alberta
March 15, 2002

Department of Neurosurgery,
Nagoya University, Nagoya, Japan,
November 9, 2000

Department of Neurosurgery
Istituto Nazionale Neurologico Carlo Besta, Milan, Italy
October 18, 2000

Department of Neurosurgery
University of Erlangen-Nuremberg, Germany
December 10, 1996

Department of Neurosurgery
McGill University, Montreal, Canada
May 6, 1995

Department of Neurosurgery
The New York Hospital and Cornell University Medical Center
September 28, 1994

ONGOING CLINICAL TRIALS

Principal Investigator

1. A Prospective, Multi-center Trial of NovoTTF-100A Together With Temozolomide Compared to Temozolomide Alone in Patients with Newly Diagnosed GBM IF1450872 ISABELLE M GERMANO 08/27/12
2. The North Central Cancer Treatment Group IF1396494 ISABELLE M GERMANO 08-0395-00001-05- Mayo Clinic Cancer Research Consortium IF1419108 ISABELLE M GERMANO 08-0520-00001-05-PD 05/30/12 - this is the "umbrella" that allows Mount Sinai to open ANY clinical trial in brain tumors
3. A prospective hospital-based study of prevalence and pattern of neurosurgical diseases in Haiti IF1398364 ISABELLE M GERMANO 12-1007-00001-01-PD 04/01/12

4. N0392: Assessment of Patient Satisfaction with Participation in Phase II/III NCCTG Clinical Trials IF1397380 ISABELLE M GERMANO 08-0395-00005-01-PD 03/19/12
5. 94-72-52: Diagnostic and Prognostic Markers in High-Grade Glioma IF1397400 ISABELLE M GERMANO 08-0395-00006-01-PD 03/19/12
6. Retrospective Study of Radiosurgery Patients at Mount Sinai IF1382310 ISABELLE M GERMANO 08-1353-00001-04-PD 01/25/12
7. Academic and Community Cancer Research United (ACCRU) IF1361650 ISABELLE M GERMANO 11-1579-00001-01-PD 11/10/11

Co-Investigator

8. Phase 2 Tumor Hypoxia in Glioblastoma (FMISO) w Pet/MRI.- American College of Radiology (ACRIN)
9. NCCTG N0872- randomized phase II double blind study of either DASATINIB or placebo combined with bevacizumab in recurrent GBM- ALLIANCE
10. Phase II randomized study of WBXRT in combination with concurrent Lapatinib in patients with brain metastasis from HER-2 positive breast cancer: A collaborative Study of RTOG and KROG(RTOG 1119)
11. Phase II trial of intravenous 4-demethylcholedterylloxycarbonylpenclomedine (DM-CHOC-PEN) on patients with malignancies involving the central nervous system. ALLIANCE

Career highlights: U.S., New York State, and New York City “first”

US first

1) Intra-operative use of the optical digitizer for neuro-navigation: August 1993

Surgical Navigation Technologies, Boulder Co (subsequently Medtronic)

Germano IM, Villalobos H, Silvers A, Post K. Clinical Use of the Neurostation for Intracranial Computer-Assisted Neuronavigation.

Neurosurgery 45:261-270,1999

2) Bilateral STN DBS for Parkinson’s disease: July 15, 1995

FDA IDE# 920245

Neurosurgical Treatment of Movement Disorders. Isabelle M Germano (book editor), AANS Publications Committee, Park Ridge, IL, 1998

The deep-brain stimulation for Parkinson's disease study group. Deep brain stimulation of the subthalamic nucleus or the pars interna of the globus pallidus in Parkinson's disease.

N Engl J Med, 345:956-963, 2001

3) GPi DBS for dystonia- January 28, 1998

FDA IDE#G960254

Brin MF, Germano IM, Danisi FO, Weisz D, Gracies JM, Eidelberg D, Bucobo J, Olanow CW. Deep Brain Stimulation (DBS) of Pallidum in Intractable Dystonia.

Movement Disorders, 13(2):274, 1998

4) Gene delivery by embryonic stem cell derived astrocytes- 2005

Benveniste R, Keller G, Germano IM. Embryonic stem cell-derived astrocytes expressing drug-inducible transgenes: Differentiation and allotransplantation into the mouse brain.

J Neurosurgery 103:115-123, 2005

NY State first

Clinical trial: Gene therapy for glioblastoma – September 17, 1997

FDA IND# 7009

Germano IM, Fable J, Gultekin H, Silvers A. Adenovirus/herpes simplex-thymidine kinase/ganciclovir complex: preliminary results of a phase I trial in patients with recurrent malignant gliomas. **J Neuro-Oncology 65:279-289, 2003**

Manhattan first

Single fraction Stereotactic radiosurgery for brain metastasis- August 1993

LINAC and Gamma knife Neurosurgery. Isabelle M Germano (book editor), AANS Publications Committee, Park Ridge, IL, 2000

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