

KEITH B. QUATTROCCHI, MD, PhD, FACS

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Current Appointment: Kaweah Delta Health
Neurosurgeon
Neuroscience Center
202 West Willow Street
Suite 202
Visalia, CA 93291
Phone:(559) 624-6570

Previous Appointments: Clinical Associate Professor of Neurosurgery
University of California, San Francisco
505 Parnassus Ave., Room 779 M
San Francisco, CA 94143-0112
Phone: (415) 353-7500
Fax: (415) 353-2889
April 1, 2012 – June 30, 2021

Clinic Address:
U.C.S.F. Neurosurgery in Marin
1100 South Eliseo Drive, Suite 1
Greenbrae, CA 94904
415-514-6868
415-502-5550 (fax)
April 1, 2012 – June 30, 2021

Anchorage Neurosurgical Associates
3831 Piper Street, Suite S-450
Anchorage, AK 99508
Office: 907-258-6999
October 1, 2010-April 1, 2012

Neurosurgical Associates Medical Group
Full Partner
7130 North Sharon Avenue, Suite 100
Fresno, Ca 93720
Office: 559-449-1100
Fax: 559-449-1170
November 1, 2006-September, 2010

New England Neurosurgery
Full Partner
99 Campus Avenue, Suite 303
Lewiston, Maine 04240
12/1/95 through October 1, 2006

Director
Neuroscience Center
Saint Mary's Regional Medical Center
99 Campus Avenue; Suite 303
Lewiston, ME 04240
2/01/97-9/01/06

Associate Clinical Professor
Division of Neurosurgery
Tufts University School of Medicine
Boston, Massachusetts (8/00 – September 1, 2006)

Assistant Professor of Neurosurgery
Division of Neurosurgery
University of North Carolina, Chapel Hill
School of Medicine
148 Burnett-Womack Building, CB# 7060
Chapel Hill, North Carolina 27599-7060
4/1/93-11/30/95

Director: Neuro-Oncology Section
Division of Neurosurgery
University of North Carolina, Chapel Hill
4/1/93-11/30/95

Kay M and Van L Weatherspoon Professorship in Neurosurgery
University of North Carolina, Chapel Hill
7/1/94-11/30/95

Assistant Professor
Lineberger Cancer Research Center
University of North Carolina, Chapel Hill
4/1/93-11/30/95

Assistant Professor of Medicine
Division of Oncology
University of North Carolina, Chapel Hill
7/6/95-11/30/95

Education

B.S., Biochemistry
University of California, Berkeley
Berkeley, California (1973-1978)

B.S., Psychology
University of California, Berkeley
Berkeley, California (1978-1980)

M.D., Medicine
George Washington University School
School of Medicine (1981-1985)

Ph.D., Immunology
University of California, Davis
Davis, California
Dissertation: "Immune dysfunction
following severe head injury in humans" (1990-1992)

Training

Surgical Internship
University of California, Los Angeles
Los Angeles, California (1985-1987)

Neurosurgical Residency
University of California, Davis
Sacramento, California (1987-1993)
Completed 3/30/93

Certification

National Board of Medical Examiners
Parts I, II, and III.

American Board of Neurological Surgery
Certification: May 17, 1995

Licensure

Physician and Surgeon, California (current)
Physician and Surgeon, North Carolina (current)

Academic Honors

Honors Research Program
Department of Biochemistry
University of California, Berkeley (1976-1977)

Summer Research Award
George Washington University
School of Medicine (1981-1982)

Lamport Biomedical Research Award
Presentation: "High Affinity Receptors
for Bombesin-Like Peptides on Small Cell
Lung Carcinoma Cell Lines"
George Washington University
School of Medicine (1982)

William Beaumont Medical Honor Society
Research Excellence Award
George Washington University
School of Medicine (1982)

GWU Research Competition
National Student Research Forum
Research Competitions
Galveston, Texas (1982)

George Washington University, School of Medicine
Honors: Biochemistry, Physiology, Surgery, Pediatrics and
Neurosurgery (1981-1985)

American Association of Neurological Surgeons
"The Predictive Value of Computerized
Tomography in Head Injury Outcome"
Poster Section Award: 1989

Alpha Omega Alpha Medical Honor Society
George Washington University School of Medicine
Elected to Membership, March 1, 1998

Grants/Fellowships

Summer Research Fellowship
George Washington University
School of Medicine
Study Title: "Investigations of High Affinity Receptors for the
Neuropeptide Bombesin on Small Cell Lung Carcinoma"
Major Investigator: Keith B. Quattrocchi
Sponsor: Terry Moody, Ph.D.; Awarded 1981

University of California, Davis
Deans Research Grant
Study Title: "Immunocompetence Following Severe Head Injury"
Major Investigator: Edmund H. Frank, M.D.
Co-Investigators: Keith Quattrocchi, M.D., Franklin Wagner, M.D.
Awarded 1990

William R. Kenan Jr. Institute for Engineering,
Technology and Science: Research Grant
Study Title: "Treatment of malignant gliomas using glioma-specific
chemotherapeutic agents: *In vitro* and animal model studies".
Principal Investigators: Keith B. Quattrocchi, M.D., Ph.D,
Co-Investigators: Howard Ozer, M.D., Ph.D., R. Carbonell, Ph.D.,
Claramae Miller, Ph.D., M. Dan, M.D., Ph.D., Andrew Blight, Ph.D.
Awarded 1/1/94 (\$50,000 for 1/94 through 6/95)

Lineberger Cancer Research Center
Cancer Center Support Grant
Study Title: "Adenovirus directed gene therapy of malignant
gliomas".
Principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
Awarded 3/94 (\$20,000 for 7/94-6/95)

NIH UO-1 grant ("Identification and evaluation of
tissue markers for pathological classification of human gliomas")
Study title: "Myelin protein gene expression as a molecular marker
in the classification of human gliomas".
Principal Investigator: Brian Popko, Ph.D.
Co-principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
Awarded 12/94 (\$1,030,763 total costs 1/95-1/98)

Lineberger Cancer Research Center
Cancer Center Support Grant
Principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
Study Title: "Gene Therapy: Models of Gene Therapy with
Awarded 3/95 (\$12,000 for 3/95-2/96)
NIH: R29: Inflammatory Response to Head Injury
Principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
(Approved and then closed in December 1996: Principal

Clinical/Research Protocols

Evaluation of BCNU with Radiotherapy in the Treatment of
Anaplastic Gliomas of the Brain with Optional CCNU,
Procarbazine and Vincristine plus Radiotherapy.
Principal Investigators: Keith B. Quattrocchi, M.D., Ph.D.
UNC, Chapel Hill; GCRC# 218; Renewed 7/7/93

Pilot Study for the Treatment of Anaplastic Gliomas
with Concomitant Intra-arterial Cisplatin and
Radiotherapy Followed by Surgical Resection
Principal Investigators: Keith B. Quattrocchi, M.D., Ph.D.
UNC, Chapel Hill; GCRC# 578; Renewed 7/7/93

Evaluation of Intra-arterial Cisplatin in the treatment of patients with
invasive skull lesions with escalating 3-D conformal fractionated
Principal Investigators: Keith B. Quattrocchi, M.D., Ph.D.
Mahesh Varia, M.D, Steven Bernard, M.D..
UNC, Chapel Hill, GCRC# 357; Renewed 3/11/09

Immunotherapy for Malignant Gliomas: Intratumoral infusion of
in vitro expanded cytotoxic tumor infiltrating lymphocytes (TILs)
Principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
UNC, Chapel Hill, GCRC# 947; approved 11/93

Evaluation of Intra-arterial Cisplatin and Etoposide in the treatment of
Principal Investigators: Keith B. Quattrocchi, M.D., Ph.D.
and Steven Bernard, M.D.
UNC, Chapel Hill, GCRC# 357(revised); 9/94

A Phase III Trial of Crisnatol Mesylate Versus BCNU in the
Cooperative Multi-Center Trial.
PI: Rosenberg ML and New PZ (University of Texas)
Investigator: Quattrocchi, KB
UNC at Chapel Hill, GCRC # 1033, approved 12/94

Treatment of Acute Ischemic Stroke with Intra-venous or Intra-
Principal Investigators: Keith B Quattrocchi, M.D., Ph.D. and
Stephanie Carinci, M.D.
Saint Mary's Regional Medical Center; Approved 3/96

Treatment of Malignant Gliomas with Intra-arterial Cisplatin and
Radiotherapy following biopsy or resection
Principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
Saint Mary's Regional Medical Center: Approved 3/96

Open-Label, Multi-Center, Clinical Trial of GLIADEL Wafer
for Patients with Recurrent Malignant Glioma
Local Principal Investigator: Keith B. Quattrocchi, M.D., Ph.D.
Saint Mary's Regional Medical Center: Approved 3/96

Eastern Cooperative Oncology Group (ECOG)
“Phase III Study: Three cycles of infusional BCNU followed by
Investigators: Dr. Quattrocchi and
Dr. T. Chase, Approved 2/97

“Stealth” Computerized Neuronavigational System
Beta Test Site (January, 1997)
Local Investigators: Dr. Quattrocchi

Previous Research Experience

University of California, Berkeley
Honors Research Program
Advisor: Dr. Jesse Rabinowitz, Professor and
Chairman, Department of Biochemistry
Summary: Developed methods for the purification
of Ferredoxin 2; 1976-1977

Tracor Tralab
Advisor/Consultant: Dr. R. Cole,
Professor of Biochemistry, U.C. Berkeley
Summary: Purification of superoxide dismutase for
human clinical trials as an anti-inflammatory agent; 1976-1978

George Washington University
Advisor: Dr. Terry Moody, Professor of Biochemistry.
Summary: Investigated the pharmacokinetics
of a neuropeptide secreted by human oat cell
lung carcinoma, 1982

University of California
Advisors: Franklin C. Wagner Jr., M.D.,
Professor of and Chairman, Department of
Neurological Surgery and Claramae H. Miller, Ph.D.,
Professor, Department of Pathology.
Summary: Investigated the effect of severe isolated
head injury on immune function including: lymphocyte
activation, cytokine production and cellular cytotoxicity.
1989-1991

University of North Carolina, Chapel Hill
Areas of investigations included:

- 1) Treatment of malignant gliomas with tumor infiltrating lymphocytes (clinical trial),
- 2) Myelin basic protein as a marker of malignant gliomas of oligodendrocyte origin
- 3) Immunoliposome targeted chemotherapy and NCT for the treatment of malignant gliomas,
- 4) Gene therapy and of the treatment of malignant brain tumors,
- 5) PMN migration inhibition as a treatment modality for cortical contusion.

Scientific Presentations

William Beaumont Research Forum
"Pharmacokinetics of High Affinity Receptors
for Bombesin on Human Small Cell Lung Carcinoma"
Quattrocchi KB and Moody T
George Washington University
Washington, D.C., 1982

National Student Research Forum.
"High Affinity Receptors for Bombesin-like
Peptides on Small Cell Lung Carcinoma"
Quattrocchi, KB and Moody T
NSRF Annual Meeting, Galveston, Texas, 1983

American Association of Neurological Surgeons
"Admission Computerized Tomography and Outcome
Following Closed Head Injury"
Annual Meeting of the AANS, Washington, DC., 1989

Lende Winter Neurosurgery Conference
"Cellular Immunosuppression Following Head Injury".
Quattrocchi KB, Miller CH, Dull S, Wagner FC Jr.
Snowbird, Utah., 1990

Ninth Annual Biomedical Research Symposium
Quattrocchi KB, Miller CH, Dull S, Wagner FC Jr.
University of California, Davis., 1990

Congress of Neurological Surgeons
"Suppression of Immune Function following
Quattrocchi KB, Miller CH, Dull S, Wagner FC Jr.
Los Angeles, California., 1990

American Association of Neurological Surgeons
"Suppression of lymphokine-activated killer (LAK) cytotoxicity
following severe head injury".
Quattrocchi KB, Miller CH, Dull S, Wagner FC Jr.
New Orleans, Louisiana., 1991

American Association of Neurological Surgeons
Quattrocchi KB, Miller CH, Dull S, Wagner FC Jr.
San Fransisco, California., 1992

Society of Clinical Surgery; 151st meeting
"Malignant Gliomas: Current and Novel Treatments"
Quattrocchi, K.B.
Chapel Hill, NC (11/4/94)

Annual North American Skull Base Society
"Three Dimensional Surgical Planning for Resection of Skull Base
Tumors Using Multiple Image Modalities"
Carrasco VN, Murhkerji S, Soltys M, Quattrocchi KB, Piser S,
Rosenman JR: Naples, Florida; 2/19/9

Nathan A. Womack Surgical Society
"Gene Therapy of Malignant Gliomas: Use of Adenovirus and
Adeno-associated Virus Vectors"
Quattrocchi KB, Skulimowski A, Hensley BS, Miller CH, Zhang Y,
Blight AR, Dull ST, Samulski RJ
Presented at General Surgical and Neurosurgical Sections
University of North Carolina, Chapel Hill (2/6/95)

Nathan A. Womack Surgical Society: Neurosurgical Section
Hensley LL, Dull ST, Miller CH, Quattrocchi KB
Presented at General Surgical and Neurosurgical Sections
University of North Carolina, Chapel Hill (2/6/95)

Nathan A. Womack Surgical Society: Neurosurgical Section
"Gene Therapy of Malignant Gliomas: Use of Adenovirus and
Quattrocchi KB, Skulimowski A, Hensley BS, Miller CH, Zhang Y,
Blight AR, Dull ST, Samulski RJ
Presented at General Surgical and Neurosurgical Sections
University of North Carolina, Chapel Hill (2/6/95)

UNC School of Medicine Student Research Symposium
"Effects of Neutrophil Infiltration Inhibition on Secondary
Neurological Injury Following Cortical Trauma"
Weaver KD, Branch CA, Hernandez L, Miller CH, Bree M,
Gudeman SK, Quattrocchi KB, Chapel Hill, NC (2/8/95)

North Carolina Head Injury Foundation
"Secondary Neurological Injury" (1995)
University of North Carolina, Chapel Hill, NC (March, 1995)
American Association of Neurological Surgeons
"Viral Vectors for Use in Gene Therapy of Malignant Gliomas"
Quattrocchi KB, Skulimowski A, Hensley BS, Miller CH, Zhang Y,
Orlando, Florida (4/24/95)

American Association of Neurological Surgeons
"Applicability of Tumor Infiltrating Lymphocytes in the Treatment of
Quattrocchi KB, Hensley LL, Dull ST, Miller CH
Orlando, Florida (4/24/95)

Third International Neurotrauma Symposium
"Neutrophil Infiltration Following Cortical Trauma: The Effects of
Treatment With Anti-CD11B"
Weaver KD, Branch CA, Hernandez L, Miller CH, Bree M,
Gudeman SK, Quattrocchi KB., Toronto, Canada (7/22-7/27)
Weaver KD, Branch CA, Hernandez L, Miller CH, Sokolowski KA,
Gudeman SK, Quattrocchi: Antagonism of leukocyte endothelial
San Diego, CA (November, 1995)

Saint Mary's Regional Medical Center Trauma Symposium
"Head Trauma: Pathophysiology, Diagnosis and Treatment"
May 27, 1996
SMRMS, Lewiston, ME

Saint Mary's Regional Medical Center: Foundation
Neurosurgery: New Developments
May 30, 1996
SMRMS, Lewiston, ME

Maine Neurosurgical Society
"Utilization of Autologous Tumor-Infiltrating Lymphocytes
in the Treatment of Malignant Gliomas.
October 5, 1996, Augusta, ME

Maine Association of Surgical Technicians
"Utilization of Autologous Tumor-Infiltrating Lymphocytes
in the Treatment of Malignant Gliomas.
November 11, 1996

New England Neurosurgical Society
"Pilot Study of Local Autologous Tumor-Infiltrating Lymphocytes
for the Treatment of Malignant Gliomas.
February 7, 1997, Essex Junction, Vermont

American Organization of Registered Nurses
“Pilot Study of Local Autologous Tumor-Infiltrating Lymphocytes
for the Treatment of Malignant Gliomas.”
March 3, 1997; SMRMC in Lewiston, Maine

Lectures

University of California, Davis

Clinical Immunology:

Department of Pathology

1) "Cytokines; Classification and Function"

2/17/9

2) "Immunotherapy and Malignant Gliomas"

2/24/93

University of North Carolina, Chapel Hill

1) Surgical Grand Rounds

"Immunotherapy of Malignant Gliomas"(4/14/93)

"Immunosuppression and Severe Head Injury" (8/10/93)

"Malignant gliomas: Traditional and Novel Treatments" (5/18/94)

2) Neurology-Neurosurgery Grand Rounds

"Immunotherapy of Malignant Gliomas" (7/21/93)

"Alterations in Cellular Immune Function

Following Severe Head Injury" (8/25/93)

3) Physical diagnosis (9/93-4/94)

4) Third year medical student lecture series (Surgery Rotation)

"Neuro-oncology" (7/10/93, 12/14/93, 6/14/94, 8/30/94, 12,15/94,
3/15/95, 5/30/95, 8/17/95)

5) Second year medical student neuropathology lecture series

"Neuro-oncology" (3/3/94, 3/29/95)

6) Third year clinical neurosurgery tutorials

(7/93-9/93; 10/93-12/93; 1/94-3/94; 4/94-6/94, 7/94-9/94, 10/94-
12/94)

7) Neurosurgery Resident and student didactic lecture series

"Neuro-oncology" (10/12/94, 3/2/95, 10/95)

8) Neurosurgery Resident Text Review (Director)

Continuous weekly sessions (1/94-11/95)

9) Techniques in Gene Therapy (Pharmacology #221[Section3])

“Gene Therapy for Brain Tumors” (3/29/95)

10. Gene Therapy of the Brain (Pharmacology #221)

“Gene Therapy for Malignant Gliomas” (3/3/95)

Saint Mary's Regional Medical Center

1) Nursing and Medical Records Didactic
“Neurosurgical Medical Coding” (5/24/96)

2) Women's Auxiliary

“Neuroscience Center” (3/10/99)

3) Critical Care Nursing (11/4/99)

“Head Injury: Pathophysiology and Treatment”

4) Nursing Didactic

“Malignant Gliomas” (4/27/01)

Bates College:

1) “Immunotherapy for Malignant Brain Tumors”

November 13, 1997; ‘Immunology’ (Dr. Pamela Baker)

2) Student Externship in Neurological Surgery

March-April, 1998; March-April 1999

Marin General Hospital:

“Evidence Based Medicine and Complex Lumbar Spine Surgery for
The Treatment of Chronic Lumbar Degenerative
Disease”

Marin General Hospital

June 19, 2012 (Category I CME Approved)

“Neuronavigational Techniques in Neurological Surgery

Physical Therapy Consortium in Marin

Sport and Spine Therapy in Marin

May 7, 2019

Neurosurgery: Intra-Operative Neuronavigation for Spine and

Cranial Surgery. Prima Medical Group, San Rafael, CA

July 16, 2019

Program Directorship

Nathan A. Womack Surgical Society

Dugger-Mahaley Neurosurgical Section

Program Director

February 2-4, 1995; UNC, Chapel Hill

SMRMC

Neuroscience and Spine Center

Neuro-Oncology Board (Co-Directorship)

Monthly Meetings (2/97-9/1/06)

Academic/Administrative Committees

University of North Carolina, Chapel Hill

- 1) Laser Committee (7/93-6/94)
- 2) Clinical Cancer Center Program Advisory Committee (7/93-6/94)

Saint Mary's Regional Medical Center

- 1) Operating Room Executive Committee (1/97-1/99 and 3/05-Present)
- 2) Cancer Committee (1/97-1/99)
- 3) Neuroscience Center Advisory Board (2/97-1/01)
- 4) Chronic Pain Center Multidisciplinary Board (2/98-2/99)
- 5) Trauma Committee (2/97-1/01)
- 6) SMRMC Executive Committee (2/97-2/99)

Marin General Hospital

- 1) Spine Committee (April 2012 – Present)
- 2) Credentials Committee (March 2019-Present)

Affiliations

American Association of Neurological Surgeons
Congress of Neurological Surgeons
American Medical Association
Fellow American College of Surgeons
AOA Honor Medical Society
North Carolina Medical Society
Society of Clinical Surgeons
William Beaumont Medical Honor Society
Phi Delta Epsilon
New England Neurosurgical Society
Maine Medical Association
Androscoggin County Medical Society

Public Service and Other Professional Activities

CEO and Founder: Sierra-Remote Observatories
Auberry, CA
November 2006-Present
www.sierra-remote.com

Maine Astronomical Society
President and Co-Founder
June 2001 through October 2006
Website: www.lostvalleyobservatory.com

SAD 52 School Board Member
June 2000-May 2004

Brain Tumor Support Group of North Carolina
December, 1994

Brain Tumor Support Group of Maine
December, 1996
Public Awareness and EMT Education
SMRMC, Lewiston, ME; 1996 - 1998

References

Dr. Richard William
Neurological Surgeon with Kaweah Health
400 West Mineral King Avenue, Visalia, CA 93291
Cell: 818-632-8868

Dr. Joeseeph Chen:
Neurological Surgeon with Kaweah Health
400 West Mineral King Avenue, Visalia, CA 93291
Cell: 323-422-9226

Dr. Edward Alfrey: Chief: Department of Surgery
Marin General Hospital (Marin Health)
5 Bon Air Rd Ste 101, Larkspur, CA 94939
Cell: 619-341-2700 and Office: 415-924-2515
ealfrey@primamedgroup.com

Christopher Dinello, MD: Anesthesiologist at Marin Health
Department of Anesthesiology
Marin General Hospital (Marin Health)
250 Bon Air Road, Greenbrae, CA 94904
Cell: 415-328-4243 and Work: 415-925-7000
dinello@prodigy.net

David Palestrant, MD: Neuro-Intensivist at Marin Health
Critical Care at Marin General Hospital (Marin Health)
PO Box 2338, Mill Valley, CA 92942
Cell: 310-691-9288 and Work: 415-463-1616
david@davidpalestrantmd.com

Dr. Joseph Ullman, Department of Radiology
15 Hospital Dr, York, ME 03909
Cell: (207) 777-8482 and Work: (207) 363-4321
chimayred@aol.com

Bibliography

- 1) Moody TW, Coinery DN, Cuttitta F, Quattrocchi KB, and Minna JD: High affinity receptors for bombesin like peptides on small cell lung cancer. **Life Sci** 15:105-113, 1985.
- 2) Quattrocchi KB, Kissel P, Ellis WG, Frank EH: Cavernous angioma of the tentorium cerebelli: Case Report. **J Neurosurg** 71:935-937, 1989.
- 3) Quattrocchi KB and Chehrazi BB: Posterior fossa meningiomas, clinical presentation and surgical management. **Contemp Neurosurg** 12(1):1-6, 1990.
- 4) Quattrocchi KB, Nielsen S, and Wagner FC Jr: Traumatic aneurysm of the superior cerebellar artery: Case report and review of literature. **Neurosurg** 27(3):476-479, 1990.
- 5) Quattrocchi KB, Frank EF, Miller CH, MacDermott JP, Hein L, Frey L, and Wagner FC Jr: Alteration in cell mediated immunity following severe head injury. **J Neurotrauma** 7(2):77-87, 1990.
- 6) Quattrocchi KB, Willits N, and Wagner FC Jr: Quantification of Midline Shift as a Predictor of Poor Outcome Following Head Injury. **Surg Neurol** 35:183-185, 1991.
- 7) Quattrocchi KB, Frank EH, Issel BH, Miller CH, and Wagner FC Jr: Severe head injury: Effect on Cellular Immune Function. **Neurol Res** 13(1):13-20, 1991.
- 8) Frank EH, Quattrocchi KB, and Hein L: Adaptor for stereotactic insertion of unitized shunt systems. **Surg Neurol** 35:400-402, 1991.
- 9) Stone AR, Quattrocchi KB, Miller CH, and MacDermott JP: Role of the immune system in interstitial cystitis. **Seminars in Urology** 9(2):108-114, 1991.
- 10) Miller CH, Quattrocchi KB, Frank EH, Issel BW, Wagner FC Jr: Humoral and Cellular Immunity following Severe Head Injury: Review and Current Investigations. **Neurol Res** 13(2):117-124, 1991.
- 11) Quattrocchi KB, Frank EH, Issel BH, Amin A, Miller CH, and Wagner FC Jr: Impairment of helper T-cell function and lymphokine-activated killer cytotoxicity following severe head injury. **J Neurosurg** 75(5):766-773, 1991.

12) Miller CH, MacDermott JP, Quattrocchi KB, Broderick GA, and Stone AR: Lymphocyte function in patients with interstitial cystitis. **J Urol** 147:592-595, 1992.

13) Quattrocchi KB, Issel BH, Miller CH, and Wagner FC Jr: Impairment of helper T-cell function following severe head injury. **J Neurotrauma** 9(1):1-9, 1992.

14) Quattrocchi KB, Miller CH, and Wagner FC Jr: Cell mediated immunity in severely injured patients: The role of suppressor lymphocytes and serum factors. **J Neurosurg** 77(5):694-699, 1992.

15)) Bartlett JS, Quattrocchi KB, Samulski RJ: "The Development of Adeno-Associated Virus as a vector for cancer gene therapy", In "The Internet Book of Gene Therapy"; Sobol, R and KJ Scanlan, eds; Appleton and Lange Publishing, 1996

16) Weaver KD, Quattrocchi KB, Blight AR: Neutrophil endothelial interactions and cerebral injury. *UNC Medical Student Journal: Fax.* 10(1):32-37, 1995

17) Smith MM, Thompson JE, Castillo M, Cush S, Mukherji SK, Miller CH, Quattrocchi KB: "MR of recurrent high grade astrocytomas after intralesional immunotherapy". *AJNR* 17:1065-1071, 1996

18) Vos JM, Quattrocchi KB, Wendelburg BJ: EBV Vectors: General Characteristics and Potential for Gene Therapy in the Central Nervous System. Chapter submission to : *Gene Therapy for Neurological Disorders*, editors: Breakfield and A Chiocca, Humana Press, 1997

19) Quattrocchi KB, Miller CH, Cush S, Bernard S, Dull S, M Smith, S Gudeman, MA Varia: Pilot Study of Local Autologous Tumor Infiltrating Lymphocytes for the Treatment of Recurrent Malignant Gliomas. *J Neuro-Oncology*, 45(2): 141-157, 1999.

20) Weaver KD, Branch CA, Hernandez L, Miller CH, Quattrocchi KB: Effect of leukocyte-endothelial adhesion antagonism on neutrophil migration and neurological outcome after cortical trauma. *Journal of Trauma* 48(6):1081-1090, 2000.

21) Moraes AM, Miller MD, Santana MHA, Miller CH, Quattrocchi KB, Hughes CS, Carbonel RG: Use of doxorubicin entrapped immunoliposomes for glioblastoma multiforme therapy: Liposome synthesis and characterization: In preparation.

Abstracts

- 1) Moody TW, Coinery DN, Cuttitta F, Quattrocchi KB, Minna JD: "High Affinity Receptors for Bombesin on Human Small Cell Lung Carcinoma" National Student Research Forum, Galveston, TX, 1983, Abstract Published
- 2) Moody TW, Coinery DN, Curritta F, Quattrocchi KB, Minna JD: "High Affinity Receptors for Bombesin on Human Small Cell Lung Carcinoma" National Student Research forum, Galveston, TX, 1983, Abstract Published
- 3) Quattrocchi KB, Willits N, and F.C. Wagner, Jr.: "Admission Computerized Tomography and Outcome Following Closed Head Injury" American Association of Neurological Surgeons, Washington DC, 1989, Abstract Published
- 4) Quattrocchi KB, Frank EH, Miller CH, MacDermott JPA, Hein L, Frey L, Wagner FC Jr: "Cellular Immunosuppression Following Head Injury." Lende Winter Neurosurgery Conference, Snowbird, Utah. 1990, Abstract Published.
- 5) Quattrocchi KB, Frank EH, Miller CH, Dull ST, Hoard RR, Wagner FC Jr: "Alterations in cellular immunity following severe head injury." 9th Annual Biomedical Research Symposium University of California, Davis, 1990, Abstract Published
- 6) Miller CH, Quattrocchi KB, Frank EH, Issel BW, Wagner FC Jr: "Suppression of Immune Function following Severe Head Injury". Congress of Neurological Surgeons, Los Angeles, California, 1990, Abstract Published
- 7) Quattrocchi KB, Miller CH, Wagner FC Jr, Denardo SJ, Denardo GL, Ovodov K, Frank EH: "Active suppression of immune function by peripheral blood lymphocytes and serum mediators following severe head injury" American Association of Neurological Surgeons, San Francisco, California. 1992, Abstract Published
- 8) Quattrocchi KB, Miller CH, Wagner FC Jr, Denardo SJ, Denardo GL, Ovodov K, Frank EH: "Active suppression of immune function by peripheral blood lymphocytes and serum mediators following severe head injury." American Association of Neurological Surgeons, San Francisco, California. 1992, Abstract Published
- 9) Quattrocchi, KB: "Malignant Gliomas: Current and Novel Treatments" Society of Clinical Surgeons, Chapel Hill, NC, 1994

- 10) Quattrocchi, KB, Skulimowski A, Hensley LL, Miller CH, Zhang Y, Blight AR, Dull ST, Samulski RJ: Viral vectors for use in gene therapy for malignant gliomas. American Association of Neurological Surgeons, Orlando, FL, 1995
- 11) Quattrocchi KB, Hensley LL, Dull ST, Miller CH: Applicability of tumor infiltrating lymphocytes in the treatment of malignant gliomas. American Association of Neurological Surgeons, Orlando, FL, 1995
- 12) Quattrocchi KB, Skulimowski A, Hensley LL, Miller CH, Zhang Y, Blight AR, Dull ST, Samulski RJ: "Gene therapy of malignant gliomas: Use of adenovirus and adeno-associated virus vectors. Nathan A. Womack Surgical Society, Chapel Hill, NC, 1995
- 13) Quattrocchi KB, Skulimowski A, Hensley LL, Miller CH, Zhang Y, Blight AR, Dull ST, Samulski RJ: "Gene therapy of malignant gliomas: Use of adenovirus and adeno-associated virus vectors. Dugger-Mahaley Section of the Nathan A. Womack Surgical Society, Chapel Hill, NC, 1995
- 14) Autry SA, Gandour-Edwards R, Boggan JE, Mayhew DE, Munn R, Edwards BF, Moraes AM, Quattrocchi KB, Miller CH, Carbonell RG: Ultrastructural localization of a neutron capture agent utilizing electron energy loss spectroscopy coupled with electron spectroscopic imaging (EELS/ESI). American Nuclear Society, 1995 Winter Meeting, San Francisco, CA; October 29-November 2, 1995
- 15) Smith M, Thompson J, Castillo S, Cush S, Mukherji S, Quattrocchi, K: MRI of recurrent high-grade astrocytomas following intralesional immunotherapy. Submitted to RSNA Annual Conference for November, 1996.
- 16) Weaver KD, Hernandez L, Miller CH, Bree M, Gudeman SK, Quattrocchi KB: Neutrophil infiltration following cortical trauma: Effects of treatment with anti-cd11b. *J Neurotrauma* 12(3):375, 1995 (Presented at the International Neurotrauma Symposium, Toronto, Canada, 1995)
- 17) Weaver KD, Quattrocchi KB, Branch CA, Hernandez L, Miller CH, Bree M, Gudeman SK: The leukocyte response to controlled cortical trauma. *UNC Medical Student Journal: Fax* 10(1):78, 1995.
- 18) Weaver KD, Branch CA, Hernandez L, Miller CH, Sokolowski KA, Gudeman SK, Quattrocchi KB: Antagonism of Leukocyte endothelial interactions reduces neutrophil influx following cortical trauma. *J Neurotrauma*. In Press (Presented at the Neurotrauma Society Meeting, San Diego, CA, 1996)