

## **Brief Synopsis**

**Nazer H. Qureshi, M.D, D.Stat, M.Sc, DABNS, FAANS.**

Graduated from Medical School with top honors and first position in Anatomy and Histology in board examinations. Pursued surgical training in Europe including neurosurgery at the National Center for Neurosurgery affiliated with The Royal College of Surgeons of Ireland. In 1994 started as a junior faculty member at University of Dublin teaching medical students while pursuing his own research on “Interleukin-1 binding and expression in brain” towards Masters in Science. During that year also attained a Diploma in Statistics from University of Dublin. In summer of 1995 was a visiting fellow at University of Toronto working on use-dependent inhibitory depression in epilepsy models. In 1996 migrated to US and completed a research fellowship in gene therapy for brain tumors at Harvard Medical School/Massachusetts General Hospital. The work on gene therapy that included testing efficacy and toxicity of different viral vectors and & designing a novel method of gene delivery to human brain tumors culminated into a clinical trial. In 1999 completed a neurosurgery fellowship at University of Arizona. Completed 2 years of accredited General Surgery residency at Tuft’s University and Thomas Jefferson University followed by Neurosurgery Residency in June 2008 from University of Arkansas for Medical Sciences with “Prof. Iftikhar A. Raja Humanity in Medicine Award.” Diplomate American Board of Neurological Surgeons and Fellow of the American Board of Neurological Surgeons. Worked as an attending neurosurgeon at Baptist Hospital Medical Center in Little Rock the chief of brain and spine tumor service at Baptist Health Medical Center, North Little Rock.

Recipient of University merit scholarship and Quaid-e-Azam Aligarh scholarship in medical school and recipient of education and training grant from North-West health board in Ireland. Listed in Who’s Who of International Professionals (1999). Held symposium chair for “Advances in Gene Therapy for Neurological Disorders” at Internet Association for Biomedical Sciences 2000 Meeting. Written seven book chapters and more than 35 papers, abstracts and oral presentations at conferences in US, Europe and Far East. Authored neuroscience/neurosurgery and neuroanatomy teaching material published on CD-ROM and palmpilots. From 2004-2008 was a reviewer for “Practical Reviews in Neurosurgery”- an audio and written journal published by Oakstone Medical Publishing in association with AANS. Served as a resident delegate in the Council of State Neurosurgical Societies (CSNS) for the year 2006-2007; and, served on two of the subcommittees to help and write questions for SANS wired.

## **Nazer Husain Qureshi**

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### **Degrees:**

2015	FAANS Fellow of the American Academy of Neurological Surgeons
2014	DABNS Diplomate American Board of Neurological Surgeons
1995 - 1996	M.Sc. (Neuroscience - by research) Trinity College, University of Dublin, Dublin-2, Ireland
1994 – 1995	D. Stat. Trinity College, University of Dublin, Dublin-2, Ireland
1983 - 1990	M. D. (Distinction: Anatomy & Histology; Highest score in Forensic Medicine) Dow Medical College, Karachi University, Karachi, Pakistan

### **Professional Registration:**

<i>Licensure:</i>	Commonwealth of Pennsylvania Michigan Arkansas
<i>International Licensure:</i>	Pakistan Medical & Dental Council (PMDC)
<i>Temporary registration:</i>	Irish Medical Council (1990-1994)
<i>USMLE Step I, II &amp; III:</i>	ECFMG certified, Full practice Licensure examination
ABNS	Board Certified

### **Fellowships & Appointments:**

08/01/2015 – Present	<b>Neurosurgeon</b> Princeton Brain and Spine Care 1203 Langhorne Newtown Rd., Ste. 138 Langhorne, PA 19047
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12/31/2008 – 07/31/2015 **Chief of Brain and Spine Tumor Service**  
Baptist Health Medical Center-North and Little Rock

12/01/99 - 06/08/00 ***Clinical Fellow in Neurosurgery***  
University of Arizona Health Science Center

08/01/99 - 11/30/99 ***Research Fellow in Neurology***  
Boston University Medical School

09/03/96 - 06/31/99 ***Research Fellow in Neurosurgery***  
Harvard Medical School, Massachusetts General Hospital

06/15/95 - 08/31/95 ***Visiting Research Fellow (Summer Sabbatical)***  
University of Toronto, Canada

07/01/94 - 06/30/96 ***Faculty, Department of Physiology***  
Trinity College, University of Dublin, Ireland

**Journal Reviewer Panel:**

Reviewer for “**Practical Reviews in Neurosurgery**”,  
Birmingham, AL: **Oakstone Medical Publishing/AANS**, 2004-  
2009.

**Organized Neurosurgery:**

Resident delegate for Southeast quadrant of **Council of State  
Neurosurgical Societies (CSNS)**, 2006-2007.

Committees: Young Physicians and Medical Practices

**Hospital Committees:**

“*Medical Ethics Review Board*” – University of Arkansas for  
Medical Sciences (2007-2008).

**Residency (USA):**

- 07/01/07 – 06/30/08      **Neurosurgery (*Chief Resident*)**  
University of Arkansas for Medical Sciences
- 07/01/03 – 06/30/07      **Neurosurgery (*PGY II-V*)**  
University of Arkansas for Medical Sciences
- 03/15/03 – 06/30/03      **Neurosurgery (*PGY-II*)**  
University of Texas Health Science Center, San Antonio
- 07/01/02 – 03/10/03      **Neurosurgery (*Pre-Residency Fellow*)**  
University of Colorado Health Science Center
- 07/01/01 – 06/30/02      **General Surgery/Neurosurgery (*PGY-II*)**  
Thomas Jefferson University Hospital
- 07/01/00 - 06/30/01      **General Surgery (*PGY 1*)**  
Baystate Medical Center, Tuft's University Western Campus

**Residency (Abroad):**

- 07/01/93 - 06/30/94      **Neurosurgery**  
Beaumont Hospital, Ireland (National Center for Neurosurgery)  
Teaching Unit affiliated with The Richmond Institute of  
Neurological Sciences & Royal College of Surgeons
- 07/01/92 - 06/30/93      **Orthopedics/Trauma**  
Sligo General Hospital, Ireland (Regional Orthopedic Unit)
- 07/01/91 - 06/30/92      **Surgery**  
Sligo General Hospital, Ireland (360 beds Teaching Hospital)
- 10/30/90 - 06/30/91      **Surgery/Accident & Emergency**  
Sligo General Hospital, Ireland
- 11/01/89 - 04/30/90      **Medicine (*Internship*)**  
Civil Hospital Karachi (University Teaching Hospital)
- 05/01/89 - 10/31/89      **Surgery (*Internship*)**  
Civil Hospital Karachi (University Hospital; 1,700 beds)

## **Research Interests:**

### **Masters Thesis:**

Age related changes in the ability of mice to sustain a thermal challenge: correlation with interleukin-1 expression and binding in brain (**University of Dublin**)

### **Research Grants:**

NIH R21 (PAS-04-079) submitted 2005 (Principal Investigator: Y. Zhou, Ph.D)

Role: Collaborator

Title: Understanding and Preventing Brain Tumor Dispersal

Goals: (1) Determine the specificity of PAX6 function on sensitizing glioma cells to TMZ *in vitro*. (2) Determine the therapeutic potential of Ad-PAX6 on increasing the susceptibility of glioma cells to TMZ *in vivo*.

### **Research Fellowship**

Research Fellow. (Harvard Medical School/Massachusetts General Hospital)

Sept 1996-June 1999

NCI P-01 CA 69246-01: (Griffith Harsh-IV and F. Hochberg, Co-Principal Investigators)

Title: Gene Therapy for Brain Tumors

### **Clinical Research Activities:**

Role: Organizing and managing the novel automated gene delivery system in operating room (devised by Bankiewicz, K) for the following Phase I trial: (1996-1999)

(G.R. Harsh-IV, E.A. Chiocca, F. Hochberg) Assessment of retroviral-mediated incorporation of Herpes Simplex Virus thymidine kinase and ganciclovir in human malignant gliomas. Phase I trial for recurrent glioblastoma multiforme. Massachusetts General Hospital and Somatix Therapy Inc.

Retrospective review of pediatric brain tumors at Arkansas Children Hospital from 1995-2005. (Co-researchers: Lisenby, K and Adada, BA)

### **Self reporting of Teaching Experience:**

Trinity College, University of Dublin, Ireland (Sept, 1994 - June, 1996)

Dow Medical College, Karachi, Pakistan (May, 1989 - April, 1990)

#### *Academic duties:*

Teaching Medical, Dental and Science students

Designing and supervising research projects for Medical students

Physiology core laboratory supervision and teaching for students of speech therapy, physiotherapy and occupational therapy

#### *Administrative duties:*

Conducting examinations for second year students of all specialties

### **Operative Experience (US and Europe):**

General Surgery,

Orthopedics and Neurosurgery

Extensive surgical experience Detailed Operative logbook and graphics available on request)

### **Awards & Scholarships:**

Prof. Iftikhar A. Raja Humanity in Medicine Award; University of Arkansas for Medical Sciences (2008)

Listed in Who's Who of International Professionals (1999)

Recognition Award from VA Health System, Tucson, AZ (2000)

Amongst top 10 students in medical university examinations

North Western Health Board Research, Education & Training Grant (1994)

Travel Grant from Glaxo Ltd. (1993)

Quaid-e-Azam Aligarh scholarship Trust (1985-86)

University (Medical School) scholarship (1984)

Distinction: Anatomy & Histology

College Board merit scholarship (1981)

Secondary School Board merit scholarship (1979)

Distinction: Biology, Chemistry & Physics (1978-81)

### **Memberships in Learned Societies:**

Founding Member of International Society for Neurovirology  
Alumni Association of Neurological Surgery of Massachusetts  
General Hospital

Member of American College of Surgeons (2008)

Member of Congress of Neurological Surgeons (CNS)

Member of American Association of Neurological Surgeons (AANS)  
 American Society of Stereotactic and Functional Neurosurgery  
 World Society of Stereotactic and Functional Neurosurgery  
 Resident member of Tumor and Spine & Peripheral Nerves sections of AANS (2008)  
 Southern Neurosurgical Society  
 The American Society of Gene Therapy (1997-1999)  
 Irish Neurological Association (1993-1994)  
 The British Physiological Society Affiliate (1994-95)  
 The Richmond Institute of Neurological Sciences (1994-1995)  
 The Royal Academy of Medicine in Ireland  
 Internet Association for Biomedical Sciences (INABIS; 1998-2000)  
 North American Spine Society (Applied for)  
 Member of Tumor and Spine sections of AANS.

**Post-Graduate Courses:**

- Pulmonary Medicine      Aga Khan Medical University Hospital, 1990
- Pediatrics                  Aga Khan Medical University Hospital, 1990
- Tuberculosis                Ojha Institute for Chest Diseases, Karachi, 1990
- Anesthesiology            Civil Hospital Karachi, 1990
- Sports Medicine            International Olympic Committee (IOC) Course  
   Karachi, 1990
- Neuroradiology Review    Harvard Medical School, Boston, 2004
- Neuroanatomy Review      3-D practical dissection course, St Louis University, 2006
- Neuropathology Review    Armed Forces Institute of Pathology, Bethesda, 2007

**Other Interests and Activities:**

- Second Language: Urdu
- Academic competitions: ref; Irish Doctor; 1991 June; 4(9); 1130
- “24 mile Lough Gill Walk” for Sligo Mental Health Association (June ‘92)
- Trinity College’s swimming club (94-96)
- Traveling extensively [Including Europe, Middle East, Asia and Far East]

**Public Service:**

- Qureshi NH; [*Your Health*]. Karachi: Radio Pakistan, 1985-86.
- Ida Rieu School Clinic for Deaf and Blind, Karachi. 1990.

## Presentations and Publications

### Section Reviewer:

1. Tumor Section Reviewer, In: Nader & Sabbagh. Cases in Neurosurgery. New York: Thieme, 2009.

### Chapters:

1. Qureshi NH & Chiocca EA. **A review of gene therapy for treatment of central nervous system tumors.** In: Patarca R ed. Critical Reviews™ in Oncogenesis. New York: Begell House Inc., 2000;10(4):261-74.
2. Rainov NG, Ikeda K, Qureshi NH, Grover S, Barnett FH, Herrlinger U, Quinones Q, Chiocca EA & Breakefield XO. **Intra-arterial virus and non-virus vector-mediated gene transfer to experimental rat brain tumors.** In: Weigel T, Hinkelbein W, Brock M & Hoell T eds. Controversies in Neuro-Oncology. In series: Front Radiat Ther Oncol™. Basel: Karger, 1999;33:227-240.
3. Qureshi NH & Harsh IV, GR. **Skull Fracture.** (Issue 1): Vol 3, In: Nosko MG ed. Medicine, Ob-Gyn, Psychiatry and Surgery, Section of Neurosurgery, Boston Medical Publishing Corporation, 2002 (eMedicine.com).
4. Qureshi NH & Pait TG. **Cauda Equina.** (Issue 1): Vol 3, In: Duong DH ed. Medicine, Ob-Gyn, Psychiatry and Surgery, Section of Neurosurgery, Boston Medical Publishing Corporation, 2006 (eMedicine.com).
5. Qureshi NH & Al-Mefty O. **Paraganglioma.** In: Nader & Sabbagh. Cases in Neurosurgery. New York: Thieme, 2009.
6. Raja AI, Qureshi NH & Pollock I. **Medulloblastoma.** In: Nader & Sabbagh. Cases in Neurosurgery. New York: Thieme, 2009.
7. Qureshi NH. **Vagal Nerve Stimulator.** In: Nader & Sabbagh. Cases in Neurosurgery. New York: Thieme, 2009.
8. Qureshi NH. **Cranial cases.** In: Shaya, Nader *et al.* Neurosurgery Rounds: Questions and Answers. New York: Thieme, 2011
9. Qureshi NH, Gagnaniello C & Nader R. **Management of sacro-iliac joint disease.** In: Alessandro Landi. Lumbar Spinal Injuries and Treatment. NOVA Publishing (in press)



### Symposium Chair:

- “Advances in Gene Therapy for Neurological Disorders.” Internet Association for Biomedical Sciences (**INABIS**) 2000 Meeting, February 14-25.

### Invited Lectures:

- An overview of gene therapy for central and peripheral neurological disorders. Rehabilitation Institute of Tucson (RIT), **Tucson, AZ**: 2000, Jan 28.
- Mock Neurosurgical Oral Board Review. Mississippi Neurosurgical Society annual meeting, **Biloxi, MS**, 2008, Jan 11-12.

### Courses Taught:

- History of Neurosurgery and an overview of Neurosurgical procedures. Neuroscience Update, Little Rock Critical Care Program, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2004, Dec 3.
- Nursing course for management of patients with craniotomies, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2006, Oct 19.
- Management of cervical spine trauma and degenerative disease, surgical approaches. AO North America, Principles of Spinal Disorders for Operating Room Personnel, **Little Rock, AR**: 2009, Sept 19-20.

### Grand Rounds:

1. Safety and Toxicity of HSV as a gene therapy vector; and, a novel automated infusion system for designed for the delivery of transgene. Combined Neurology & Neurosurgery Grand Rounds, University of Arizona Health Sciences Center, **Tucson, AZ**: 2000, Feb 4.
2. Anatomy of cranial nerve V; clinical syndromes and pathophysiology of trigeminal neuralgia. Neurosurgical Grand Rounds, University of Texas Health Science Center, **San Antonio, TX**: 2003, Mar 31.
3. Gene Therapy for Brain Tumors, Neurosurgical Grand Rounds, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2004, Sept 20.
4. Endoscopic Ventricular Anatomy, Neurosurgical Grand Rounds, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2005, July 25.

5. Intrauterine repair of myelomeningocele, Neurosurgical Grand Rounds, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2005, Aug 22.
6. Von-Hippel Lindau Syndrome, Neurosurgical Grand Rounds, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2006, July 3.
7. Subarachnoid hemorrhage and aneurysm statistics, Neurosurgical Grand Rounds, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2007, July 9.
8. Biomechanics of Spine, Neurosurgical Grand Rounds, University of Arkansas for Medical Sciences, **Little Rock, AR**: 2008, June 16.

**Publications:**

1. Qureshi NH. Pakistani Hospitals & International Norms. **National Health** 1987, Oct;5(10):7-10.
2. Qureshi NH, Morris K, Mc Devitt B. Trichobezoar - A condition to think of in case of mobile abdominal mass. **Irish Med J** 1992, June;85(2):74.
3. Qureshi NH, Raj D, Murphy PG, Macey AC, Fitzsimons P. A regional CT service - use or abuse? Irish Orthopedic Association (IOA) Meeting. **Enniskillen, Northern Ireland (U.K)**. 1992, Oct 9-10. (Abs). **J Bone & Joint Surg (Br)** 1993, May (Supp);75-B:67.
4. Raj D, Qureshi NH, Murphy PG, Macey AC. Out of Hours Surgery - Who does most work? Irish Orthopedic Association (IOA) Meeting. **Enniskillen, Northern Ireland (U.K)**. 1992, Oct 9-10. (Abs). **J Bone & Joint Surg (Br)**; 1993, May (Supp);75-B:66-67.
5. Qureshi NH, Murphy PG, Raj D, Macey AC. Meeting the standards for surgical training. The 3<sup>rd</sup> European Congress of Surgery (Eurosurgery '93). **London, U.K**. 1993, Sept 15-17. (Abs). **Br J Surg** 1993, Sept (Supp);80(9):S 96.
6. Murphy PG, Qureshi NH, Raj D, Macey AC. Comparative inter-specialty operative audit. The 3<sup>rd</sup> European Congress of Surgery (Eurosurgery '93). **London, U.K**. 1993, Sept 15-17. (Abs). **Br J Surg** 1993, Sept (Supp);80(9):S 96.
7. Murphy PG, Ismail B, Qureshi NH, Macey AC. Orthopedic inpatient waiting lists- What is the clearing time? (Abs). **J Bone & Joint Surg (Br)** 1994, Feb (Supp I);76-B:49-50.
8. Macey AC, Murphy PG, Qureshi NH, Healy JB, Ismail B. Orthopedic inpatient waiting lists - A timescale to clear. (Abs). **J Bone & Joint Surg (Br)** 1994, Nov (Supp II & III);76-B:76.

9. Qureshi NH, Raj D, Murphy PG, Macey AC. Orthopedic operative training - Do we meet the standards? Irish Orthopedic Association (IOA) meeting. **Carrickmacross, Co. Monaghan, Ireland**. 1993, Oct 29-31. (Abs). **J Bone & Joint Surg (Br)** 1994, Nov (Supp II & III);76-B:76.
10. Qureshi NH. Indirect lightning strike via telephone wire. **Injury** ; 1995, Nov;26(9):629-630.
11. Rainov NG, Ikeda K, Qureshi NH, Grover S, Herrlinger U, Pechan P, Chiocca EA, Breakefield XO, Barnett FH. Intra-arterial delivery of adenovirus vectors and liposome-DNA complexes to experimental brain neoplasms. **Hum Gene Ther**; 1999;10:311-318.
12. Barnett FH, Ikeda K, Rainov NG, Schuback DE, Elliott P, Kramm C, Chase M, Qureshi NH, Bartus R, Harsh IV G, Chiocca EA, Breakefield XO. Selective delivery of Herpes virus vectors to brain tumors using RMP-7. **Cancer Gene Ther**; 1999;6(1):14-20.
13. A cyclic peptide antagonistic to the 75kD neurotrophin receptor protects neurons from beta amyloid induced cell death  
Article *in* **Neurobiology of Aging** 21:184 · April 2000
14. Qureshi NH, Bankiewicz K, Louis DN, Hochberg FH, Chiocca EA, Harsh-IV GR. Multi-column infusion of gene therapy cells into human brain tumor: Technical report. **Neurosurgery**; 2000;46(3):663-68.
15. Qureshi NH, O'Brien DP, Allcutt DA. Psoas abscess secondary to intervertebral discitis - A case report of conservative management. **J Spinal Disord**; 2000;13(1):73-76.
16. Harsh IV GR, Deisboeck TS, Louis DN, Hilton J, Colvin M, Qureshi NH, Finkelstein D, Breakefield XO, Chiocca EA, Hochberg FH. Thymidine kinase activation of ganciclovir in recurrent malignant gliomas: A gene marking and neuropathologic study. **J Neurosurg** 2000;92(5):804-11.
17. Phillips P, Ku B, Qureshi NH, Adada B. Ophthalmologic Signs of Shunt Failure in Children with Hydrocephalus. **J Am Assoc Pediatr Ophthalmol & Strabismus**; 2006;10(1):91.
18. Yaar M, Bennet A, Stewart K, Qureshi NH, Kowall, NW, Gilchrest, BA. p75(NTR) Antagonistic Cyclic Peptide Decreases the Size of beta Amyloid-Induced Brain Inflammation. **Cell Mol Neurobiol**; 2008(Dec);28(8):1027-31.
19. Nazir S, O'Brien M, Qureshi N, Phillips PH. Sensitivity of papilledema as a sign of shunt failure in children. **J Am Assoc Pediatr Ophthalmol & Strabismus**; 2008; Feb 13(1):63-66.

20. Ku B, Nazir S, Qureshi NH, Adada B, O'Brien M, Phillips PH. Prevalence of Ophthalmologic Signs of Shunt Failure in Children with Hydrocephalus. **Br J Ophthalmol** 2009;(submitted).

***Paper presentations:***

1. Qureshi NH, Raj D, Murphy PG, Fitzsimons P, Macey AC. Computerized Tomography - requesting and reporting criteria in lumbosacral scans. SICOT Pre-Congress/Thai Orthopedic Association (TOA) Annual Meeting. **Bangkok, Thailand.** 1993, Aug 23-26. (Abs. pp-84).
2. Qureshi NH, Raj D, Murphy PG, Macey AC. Are standards being met in Surgical Training. SICOT Pre-Congress/Thai Orthopedic Association (TOA) Annual Meeting. **Bangkok, Thailand.** 1993, Aug 23-26. (Abs. pp-69).
3. Qureshi NH, Murphy PG, Raj D, Macey AC. An Inter-specialty audit of Operative Workload. SICOT Pre-Congress/Thai Orthopedic Association (TOA) Annual Meeting. **Bangkok, Thailand.** 1993, Aug 23-26. (Abs. pp-134).
4. Qureshi NH, Ismail B, Murphy PG, Macey AC. Orthopedic inpatient waiting list - A timescale to clear. SICOT Pre-Congress/Thai Orthopedic Association (TOA) Annual Meeting. **Bangkok, Thailand.** 1993, Aug 23-26. (Abs. pp-121).
5. Qureshi NH, Khan N, Mc Devitt B, Nadaraja T, Considine N. Lightning induced middle ear damage. Otolaryngology Society Meeting (Irish chapter). **Sligo, Ireland.** 1993, June 19.
6. Qureshi NH, O'Brien DP, Allcutt DA. Ubique Pura - Ibi Evacua: Does it hold for Psoas Abscess? Irish Neurosciences Group Meeting. **Dublin, Ireland.** 1993, Nov 26-27.
7. Murphy PG, Qureshi NH, Healy JB, Ismail B, Macey AC. Orthopedic inpatient waiting lists - A timescale to clear? Irish Orthopedic Association (IOA) meeting. **Carrickmacross, Co. Monaghan, Ireland.** 1993, Oct 29-30.
8. Ismail B, Murphy PG, Qureshi NH, Macey AC. Clearing time for inpatient waiting lists? The British Orthopedic Association (BOA) Meeting. **Torquay, England.** 1993, Sept 13-15. (Abs, pp-35).
9. Qureshi NH, O'Brien DP, Allcutt DA. Discitis and Psoas abscess: Case report. Irish Neurological Association (INA), 30th Annual Meeting. **Galway, Ireland.** 1994, May 13-14.

10. Rainov NG, Ikeda K, Qureshi NH, Grover S, Herrlinger U, Pechan P, Chiocca EA, Breakefield XO, Barnett FH. Intra-arterial delivery of adenoviral vectors and liposome-DNA complexes to experimental brain neoplasms. Jahrestagung AG Neuroonkologie der Deutschen Gelleschaft für Neurochirurgie. **Weilburg, Germany**. 1997, Oct 7-8.
11. Qureshi NH, Ikeda K, Chase M, Suling KM, Harsh IV GR, Chiocca EA. Oncolytic efficacy and safety studies for different mutant strains of Herpes simplex virus. Society for Neuroscience. **New Orleans, LA**. 1997, Oct 25-30. (Abs. 2: 2239).
12. Qureshi NH, Ikeda K, Suling KM, Harsh IV GR, Chiocca EA. Comparison of mutant strains of Herpes simplex virus (HSV-1) as potential future gene therapy vectors for brain tumors. Am Assoc of Neurol Surg (AANS). **Philadelphia, PA**. 1998, Apr 25-30.
13. Qureshi NH, Mc Bennett S, Andrews F. Age and temperature related changes in IL-1 binding and expression in mouse brain. 5th Internet World Congress on Biomedical Sciences. Mc Master University, **ON, Canada**, 1998, Dec 7-16.
14. Qureshi NH, Terwilliger E, Harsh IV GR, Chiocca EA. AAV-mediated *lacZ* gene transfer into rat spinal cords. 2nd Annual Meeting of The American Society of Gene Therapy. **Washington, D.C**. 1999, June 9-13. (Abs. pp-45).
15. Qureshi, NH. Gene delivery systems for brain tumors: Free hand, reservoir-mediated and automated gene delivery systems. 6th Internet World Congress on Biomedical Sciences. Hospital of Ciudad Real, **Ciudad Real, Spain**, 2000, Feb 14-25.
16. Yaar M, Zhai S, Qureshi NH, Reenstra-Burash, W.R, FineI, R.E, Eisenhauer, P.B, Kowall, N.W, Gilcrest, B.A. A cyclic peptide antagonistic to the 75kD neurotrophin receptor protects neurons from beta amyloid induced cell death. World Alzheimer Congress 2000. **Washington, D.C.**, 2000, July 9-18. (Abs). **Neurobiology of Aging**, Vol 21, Supp 1, May 2000, pp. 184.
17. Qureshi NH, Khan MW, Adada BA. MRI Study of the Angle between the Anterior Commissure-Posterior Commissure (ACPC) Line and the Orbitomeatal Line. Southern Neurosurgical Society. **Key West, FL**, 2005, Mar 3-6.
18. Phillips PH, Ku B, Qureshi NH, Adada BA, O'Brien MS. Ophthalmologic signs of shunt failure in children with hydrocephalus. 32nd Annual Meeting of the North American Neuro-ophthalmology Society Meeting (NANOS). **Tucson, AZ**, 2006, Feb 28.
19. Phillips PH, Ku B, Qureshi NH, Adada BA, O'Brien MS. Ophthalmologic signs of shunt failure in children with hydrocephalus. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting (AAPOS). **Keystone, CO**, 2006, Mar 15-19.

20. Phillips PH, Ku B, Qureshi NH, Adada BA, O'Brien MS. Ophthalmologic signs of shunt failure in children with hydrocephalus. American Academy of Ophthalmology (AAO) and Asia Pacific Academy of Ophthalmology (APAO). **Las Vegas, NV**, 2006, Nov 11-14.
21. Phillips PH, Ku B, Nazir S, Qureshi NH, Adada BA, O'Brien MS. Reliability of papilledema as a sign of shunt failure in children. 34th Annual Meeting of the North American Neuro-ophthalmology Society (NANOS) Meeting. **Orlando, FL**, 2008, Feb 8-13.
22. Phillips PH, Ku B, Nazir S, Qureshi NH, Adada BA, O'Brien MS. Reliability of papilledema as a sign of shunt failure in children. in American Association of Pediatric Ophthalmology and Strabismus (AAPOS) annual meeting. **Washington, DC**, 2008, Apr 5.
23. Phillips PH, Ku B, Nazir S, Qureshi NH, Adada BA, O'Brien MS. Reliability of papilledema as a sign of shunt failure in children. in International Neuro-Ophthalmology Society (INOS) Meeting, **Napa, CA**, 2008, June 9.

**Online & Electronic Media Publications (CD-ROM):**

1. Interactive multimedia educational software, *Certification Review Series*; (Neuroanatomy/ Neurosurgery/ Neurophysiology). V 4.1, Delaware: **Exam Master Corporation**, 1996-1999
2. Interactive multimedia educational software, *Medical Subject Review*; (Neuroanatomy/ Neurosurgery/ Neurophysiology). Delaware: **Exam Master Corporation**, 1996-1999
3. Interactive multimedia educational software, *USMLE*; (Neuroanatomy/ Neurosurgery/ Neurophysiology). Delaware: **Exam Master Corporation**, 1996-1999
4. 5th Internet World Congress on Biomedical Sciences. Szechtman H, Grover A Ed. McMaster University, Hamilton: **Internet Association for Biomedical Sciences**, 1998, Dec 7-16. (<http://www.mcmaster.ca/inabis98/immunology/qureshi0695>)
5. 6th Internet World Congress on Biomedical Sciences. Marcial Garcia-Rojo, Hospital of Ciudad Real, Ciudad, Spain: **Internet Association for Biomedical Sciences**, 2000, Feb 14-25. (<http://www.uclm.es/inabis2000/symposia/.....>)
6. Practical Reviews in Neurosurgery, Audio Journal, **Oakstone Medical Publishing**, Birmingham, AL, 2005.
7. **SANS Wired**; Online neurosurgery teaching material by AANS. Writing medico-legal and ethics related questions under the auspices of CSNS.