

MINH Q. TRAN, M.D.

EDUCATION AND CERTIFICATION

June 1999, **Yale University School of Medicine, New Haven, CT: M.D.**
June 1989, **Massachusetts Institute of Technology, Cambridge, MA: B.S.**
Molecular Biology
Diplomate, American Board of Neurological Surgery

TRAINING

July 2007- present

Private practice neurosurgery

Westminster, CA

Solo practice in a community with a large number of patients with severe degenerative spine diseases. Also taking ER calls in level II trauma center and primary stroke center

July 2006 - June 2007

Stanford University Medical Center, Stanford, CA

Spine neurosurgery fellowship

July 2000 - June 2006

George Washington University Hospital, Washington, D.C.

Neurosurgery residency

1/05 – 3/05

Children's National Medical Center, Washington, D.C.
Pediatric Neurosurgery

4/04 – 6/04

Inova Fairfax Hospital, Falls Church, VA
Diagnostic and interventional neuroradiology

1/04 – 3/04

Armed Forces Institute of Pathology, Washington, D.C.
Neuropathology

2. Optimized conditions for homologous recombination at Evi-1 locus in embryonic stem cells
3. Analyzed the effects of down-regulation of Evi-1 expression on apoptosis, growth, differentiation, and tumorigenicity of murine leukemic cell lines
4. Analyzed the effects of overexpression of Evi-1 on apoptosis, growth, differentiation, and tumorigenicity of murine myeloid progenitor cells

January 1988 – May 1988

Massachusetts Institute of Technology, Cambridge, MA
Department of Applied Biology

Analyzed the translational regulation of ferritin synthesis

1. Optimized in-vitro transcription experiments for synthesis of iron-responsive elements for receptor-ligand binding assays
2. Performed gel-retardation binding assay to screen for proteins involved in translational regulation of ferritin synthesis

January 1987 – June 1987

Massachusetts Institute of Technology, Cambridge, MA
College of Brain and Cognitive Sciences

Characterized murine neuroepithelial precursor cells

1. Analyzed the effects of temperature variation of growth and differentiation of murine neuroepithelial precursor cell lines immortalized by temperature-sensitive SV40 T antigen
2. Analyzed the effects of various inducers of differentiation on growth and differentiation of neuroepithelial precursor cell lines

June 1986 – September 1986

National Institutes of Health, Bethesda, MD
National Heart, Lung, and Blood Institute

Prepared antibody to marker of cell position in chicken retina

1. Expanded myeloma clones secreting antibody to marker of cell position in chicken retina

11/03- 12/03 George Washington University Hospital, Washington D.C.
Electromyography Clinic

07/03- 10/03 George Washington University Hospital, Washington D.C.
Neurology

July 1999- June 2000

George Washington University Hospital, Washington D.C.
General surgery internship

HOSPITAL AFFILIATION

1. Fountain Valley Regional Hospital
2. Orange County Global Medical Center
3. Natividad Medical Center
4. Lakewood Regional Medical Center
5. PIH- Whittier
6. Kaweah Delta Health Care District

RESEARCH AFFILIATION

January 2004- May 2004

National Institute of Health, Bethesda MD
National Institute of Neurological Disorders and Stroke

Applied RNA interference technique in down-regulation of mutant p53 expression in glioma cell lines

1. Designed siRNA expression vector for RNA interference in targeting p53 mutations in glioma cell lines
2. Analyzed growth and differentiation of glioma cell lines in response to
2. RNA interference of p53 mutations.

June 1993- April 1998

Yale University School of Medicine, New Haven, CT Department of Cell Biology

Analyzed the role of proto-oncogene Evi-1 in hematopoiesis and

leukemogenesis

1. Designed vectors for homologous recombination at Evi-1 locus
2. Purified antibody to marker of cell position in chicken retina

LICENSURE

California

HONORS AND AWARDS

National Research Service Awards, 1992-1998

Medical Scientist Training Grant, 1989-1992

Phi Beta Kappa, 1989

Sigma Xi, 1989

National Dean's List, 1986-1989

PROFESSIONAL ORGANIZATIONS

Member: Congress of Neurological Surgeons

INTERESTS

Building radio-control models, desert off-roading