

CURRICULUM VITAE

MICHAEL ROBERT STEIN, M.D.

PERSONAL DATA:

Office Address: Neurological Research Institute of the East Bay
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Marital Status: Married, two children

Date of Birth: December 28, 1942

Place of Birth: Chicago, Illinois

California State License: G21285

EDUCATION: University of Illinois, Chicago, IL 1966 - 1970

Northwestern University, Chicago, IL 1964 - 1966

University of Illinois, Urbana, IL 1961 - 1964

Lane Technical High School, Chicago, IL 1957 - 1961

TRAINING: Resident in Neurology, University of California, Los Angeles, CA 1972-1975

Resident in Medicine, Highland General Hospital, Oakland, CA 1971-1972

Internship, Rotating Medical, Highland General Hospital, Oakland, CA
1970-1971

BOARD CERTIFICATIONS:

American Board of Psychiatry and Neurology, 1977

National Board of Medical Examiners, 1971

EMPLOYMENT: Principal Investigator, Neurological Research Institute of the East Bay,
September 2001 - Present

Private practice of Neurology, June 1977 to present

Staff Physician, Department of Neurology, Martinez Veteran's Hospital July
1977 - September 1979

Locum Tenens as Neurologist in office of Jack Drori, M.D., Walnut Creek,
CA, March 1977 - June 1977

Staff Physician, Department of Neurology, Wadsworth Veteran's
Administration Hospital, Los Angeles, CA, December 1975 - February
1977

Locum Tenens as Neurologist, San Jose Medical Clinic, September 1975 -
November 1975

MEMBERSHIPS: Alameda-Contra Costa Medical Association
American Headache Society
California Medical Association
International Headache Society
American Academy of Neurology
San Francisco Neurological Society
Association of California Neurologists
Physicians for a National Health Program
Concerned Physicians of Contra Costa County

APPOINTMENTS: Medical Advisory Board, John Muir/Mt Diablo Women's Health Center,
2004 to present

Governing Board of American Council on Headache Education, 2004–2006

Chair of Support Groups Committee, American Council on Headache
Education, 2004-2006

Preceptor in Neurology, Samuel Merritt College of Nursing, 2004 to present

Member, Neurology Scientific Committee of the California Medical
Association's Council of Scientific Affairs, October 2001 to present

Active Staff, Mt. Diablo Hospital, December 1978 - September 1986

Courtesy Staff, Mt. Diablo Medical Center, September 1986 - December
2000

Associate Staff, Mt. Diablo Medical Center, January 2001- September 2006

Active Staff, John Muir Memorial Hospital, March 1979 to present

Member, Rehabilitation Services Advisory Committee, John Muir Medical Center 1983 – 2000

Chairman, Section of Neurology, John Muir Hospital, 2000 to 2003
Chairman, Library Committee, John Muir Medical Center, 1998 to present

Chairman, Interdisciplinary Practice Committee, John Muir Medical Center, 1985 to 2004

Member, Institutional Review Committee, John Muir Hospital, December 2005 to present

Courtesy Staff, Contra Costa Regional Medical Center, September 1998 to July 2006

Alternate Councilor A, District 3, ACCMA, November 1986 to November 1996

Councilor A, District 3, ACCMA, November 1996 to present

Library Committee, ACCMA (1984-1993)

Member, Electronics Communication Committee ACCMA, March 1997 to present

Founder of East Bay Headache Support Group, January 1996

Publications Committee, American Association Study of Headache, August 1992 to 1995

Professional and Relations Committee, American Association Study of Headache, August 1992 to 1995

Membership Committee, American Association Study of Headache, October 1991 to 1995

Medical Advisory Board, Multiple Sclerosis Society, Northern California, 1987 to 1995

Medical Advisory Board, Stroke Support Group, 1987 to 1995

Member, Governing Body, Alameda Contra Costa Health System Agency, (1983-1987)

Associate Clinical Professor, Department of Neurology, School of Medicine, University of California, Davis, CA, July 1983 - June 1986

Patient Care Evaluation Committee, John Muir Medical Center (1979-1982)

Board of Directors, Alameda-Contra Costa Epilepsy League (1979-1987)

Chief, Step 7, Department of Neurology, Martinez Veteran's Hospital, May 1978 - September 1979

Chief, Step 2, Department of Neurology, July 1977 - May 1978

Consulting Staff, Walnut Creek Hospital, March 1977 to 1999

Chief, Step 4, Department of Neurology, Wadsworth Veteran's Hospital, December 1975 - February 1977

Assistant Professor in Residence, Step 1, Department of Neurology, University of California at Los Angeles, February 1975 - 1977

Qualified Medical Examiner in Neurology, Independent Medical Examiner, State of California, Department of Industrial Relations, Industrial Medical Council

AWARDS:

Physician's Recognition Award, The American Medical Association, 1985 - 1993

Certificate of Continuing Medical Education, California Medical Association, 1974 to present

Whitten Scholarship, 1969-1970

Yarros Scholarship, 1968-1969

RESEARCH:

Laboratory Assistant in Surgical Research in the following:

F. S. Idriss, "Whole Organ Preservation for Transplantation", The Surgical Clinics of North America - 47, 29-36, 1967.

F. S. Idriss and H. Nikaidoh, "Radiographic Studies off the Gastrointestinal Tract of the Fetus in Utero", Journal of Pediatric Surgery - 2, 29-34, 1967.

BIBLIOGRAPHY: Participants Report, page 44-45, Chicago Student Health Project, Summer 1967.

CLINICAL RESEARCH STUDIES:

Principal Investigator, Neurological Research Institute of the East Bay, Walnut Creek, CA 2000 - Present

Treatment Instrument for Migraine Evaluation for Astra-Zeneca, 2001.

Betaseron Experience Satisfaction Trial in Educated M.S. patients for Berlex, 2001.

United States Migraine Assessment Protocol for Merck, 2001.

Almotriptan Phase IV Clinical Experience Study for Pharmacia, 2001.

Imitrex, Increase Migraine Pain Free Response to Elevate Satisfaction, GlaxoSmithKline, 2001 - 2002

Phase III Double-blind, placebo-controlled, randomized study comparing the efficacy, safety and tolerability of Sumanirole versus placebo or Ropinirole in patients with early Parkinson's disease, Pharmacia, 2001-2002

Levetiracetam (Keppra™) as Prophylaxis for Migraine Headaches, UCB Pharma, 2001

ZANADU, A multi-center, randomized, open-label comparison of the effects of Zomig-ZMT™ (Zolmitriptan) and usual migraine care on work loss, productivity and patient preference, Astra-Zeneca, 2001 - 2002

A phase IIIb randomized, Multi-Center, parallel group, open-label study to assess the effect of Rebiject™ Mini on the safety and tolerability of Rebif® therapy in relapsing remitting MS patients, Serono, 2001 – 2002

A randomized, double-blind, placebo-controlled, parallel-group study to evaluate the efficacy and tolerability of oral Sumatriptan 25 mg, 50 mg and 100 mg tablets for single moderate or severe headache in adults diagnosed with migrainous disorder HIS 1.7, Glaxo SmithKline, 2002

A Multicenter, Randomized, Placebo-Controlled, Double- Blind, Parallel-Group Trial to Evaluate Early Efficacy and Tolerability of Zolmitriptan (Zomig) Nasal Spray in the Acute Treatment of Adult Subjects with Migraines, Asta-Zeneca, 2002

CLINICAL RESEARCH STUDIES (con't):

A multi-center, open label, phase IV study to assess the tolerability, safety and effectiveness of switching to Carbamazepine immediate release and liquid formulations to Carbatrol extended release capsules in epilepsy subjects within a community based population, Shire Pharmaceutical Development, 2003

A Phase II, Randomized, Open-Label, Three-Arm Study Comparing Low- and High-Dose CAMPATH and High-Dose Rebif in Patients with Early, Active Relapsing-Remitting Multiple Sclerosis, Ilex Oncology, 2003, closed to enrollment, ongoing.

A Pilot Multi-Center, Open-Label, Assessor Blinded, Prospective Profiling Study in MS Subjects Treated with AVONEX, MS Subjects Naïve to Treatment, and Healthy Control Subjects. Biogen Inc., 2003

A Randomized, Rater-blinded, Multi-Center, Parallel-group Study Comparing the Efficacy and Safety of Betaseron 250µg Subcutaneously Every Other Day with Avonex 30µg Intramuscularly Once per Week in Relapsing-Remitting Multiple Sclerosis Patients Previously Treated with Avonex. (ABOVE Trial), Berlex, Inc., 2003

A Multi-Center, Open-Label, Two-Arm Prospective Study to Evaluate the Impact of Patient Readiness To Self-Inject on Outcomes in Using the Copaxone Pre-filled Syringes (READY Trial) Teva Neuroscience, 2003

A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety, Tolerability and Efficacy of NBI-5788 in Patients with Relapsing Multiple Sclerosis, Neurocrine, 2004

A Phase II/III, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multi-Center Study to Evaluate the Safety and Efficacy of Rituximab (Mabthera/Rituxan) in Adults with Primary Progressive Multiple Sclerosis, Genentech, 2004, closed to enrollment, ongoing.

A Phase II, Proof-of-Concept, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Multi-Center Study to Evaluate the Safety and Efficacy of Rituximab (Mabthera/Rituxan) in Adults with Relapsing-Remitting Multiple Sclerosis, 2004.

The Safety and Efficacy of Divalproex Sodium Extended-Release Tablets in Migraine Prophylaxis: A Double-blind, Placebo-Controlled Study in Adolescents, 2004

CLINICAL RESEARCH STUDIES (con't):

Updated: August 17, 2007

A Comparison of Topiramate Versus Amitriptyline in Migraine Prophylaxis, 2004

An Implementation Study of Treatment Optimization Recommendations Comparing Subjects Continuing Treatment with IFN- β -1a 30 mcg qw IM (Avonex) or Glatiramer acetate 20 mg qd SC (Copaxone) to Those Randomized to IFN- β -1a 44 mcg tiw SC (Rebif), in a Multi-Center Study of Subjects with Relapsing Remitting Multiple Sclerosis Currently on Disease-Modifying Therapy, 2004

A Double-Blind, Multi-Center, Randomized, Placebo-Controlled Single Dose Study to Evaluate the Safety and Efficacy of Trexima in the Treatment of Migraine Headaches, 2004

A two-year Phase IIIb randomized, multi-Center, double-blind, controlled, parallel Group, flexible dose study, to assess the effectiveness of Controlled Release Ropinirole add-on therapy to L-Dopa at increasing the time to onset of dyskinesia in Parkinson's Disease subjects, 2004

An Open-Label Multi-Center Trial to Evaluate the Efficacy of Axert 12.5mg Intervention at Onset of Migraine Pain, 2004

A randomized, double-blind, multi-center, placebo-controlled, cross-over study to determine the consistency of response for Trexima™ (sumatriptan 85mg/naproxen sodium 500mg) administered during the mild pain phase for the acute treatment of multiple migraine attacks, GSK, 2005

A Randomized, Double-blind, Placebo-controlled, Parallel-Group, Dose-Ranging Study to Investigate the MRI Efficacy and Safety of Three Months administration of SB-683699 (150 - 1200mg twice daily) in Subjects with Relapsing Multiple Sclerosis, GSK, 2005

A Randomized, Rater-blinded, Multi-Center, Parallel-group Study Comparing the Efficacy and Safety of Betaseron® 250 μ g Subcutaneously Every Other Day with Avonex® 30 μ g Intramuscularly Once per Week in Relapsing-remitting Multiple Sclerosis Patients Previously Treated with Avonex®, Berlex, 2005

A Double-Blind, Multi-Center Randomized Placebo Controlled Study Comparing Combination Sumatriptan and Naproxyn to Placebo in Treatment of Migraine Headache, Pozen 2005

An Assessment of Behavioral Changes Associated with Lamotrigine and Levetiracetam in Patients with Epilepsy, GSK, 2005

CLINICAL RESEARCH STUDIES (con't):

Updated: August 17, 2007

A Double-Blind, Placebo-Controlled, Parallel Group Study, with an Open-Label Extension Phase, to Assess the Efficacy, Tolerability and Safety of Oral Frovatriptan in the Prevention of Menstrually-Related Migraine (MRM) Headaches in a 'difficult to treat' Population., Vernalis, 2006

A Multi-Center Study Evaluating the Efficacy and Safety of BOTOX® (Botulinum Toxin Type A) Purified Neurotoxin Complex as Headache Prophylaxis in Migraine Patients with 15 or More Headache Days per 4-Week Period in a 24-Week, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Phase Followed by a 32-Week Open-Label Extension Phase, Allergan, June 2006, enrollment closed, ongoing.

A Multi-center, Randomized, Double-Blind, Placebo-Controlled, Single Dose, Efficacy and Safety Outpatient Study of Staccato™ Prochlorperazine for Inhalation in Patients with Migraine Headache , Alexza, June 2006.

A Randomized, Controlled, Open-Label Parallel Group Study to Evaluate the Effect of Regularly Scheduled Neutralizing Antibody Testing on Treatment Patterns versus Usual Care in High-Dose Interferon Treated Subjects, Teva, November 2006, open to enrollment, ongoing.

A Study of Combination Product (sumatriptan succinate and naproxen sodium) in Migraine Subjects Who Report Poor Response or Intolerance to Eletriptan, GSK, December 2006, enrollment closed, ongoing.

A randomized, double-blind, placebo-controlled, parallel-group study to evaluate the efficacy and tolerability of TREXIMA™ (sumatriptan succinate/naproxen sodium) for a single moderate or severe headache in adults diagnosed with probable migraine without aura (ICHD-II 1.6.1), GSK, January 2007, enrollment open, ongoing.

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Single Dose Efficacy and Safety Study of Staccato® Loxapine for Inhalation in Patients with Migraine Headache, Alexza, 2007, June 2007 enrolling.

A Randomized, Multi-Center, Placebo Controlled and Active Reference (Glatiramer Acetate) Comparison Study to Evaluate the Safety and Efficacy of BG00012 in Subjects with Relapsing-Remitting Multiple Sclerosis, Biogen, 2007, August 2007 enrolling.

A Double-Blind, Placebo Controlled Multi-Center Study to Evaluate the Efficacy and Safety of MBP8298 in Subjects with Secondary Progressive Multiple Sclerosis, BioMS, 2007, August 2007 enrolling.

CLINICAL RESEARCH STUDIES (con't):

Updated: August 17, 2007

A long-Term Safety Study of a Combination Product Containing
Sumatriptan Succinate and Naproxen Sodium for the Treatment of Migraine
in Adolescents, GSK, 2007, August 2007 enrolling.