NAJI RIACHI, MD

Curriculum Vitae and Bibliography

2018

Biographical:

Professional Address: Lebanese American University Medical Center Rizk Hospital

Zahar Street, PO Box 11-3288, Beirut, Lebanon

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Home Address: Grey 1461 Bldg, Georges Naccache St, Ashrafieh, Lebanon

Date/Place of Birth: September 19, 1961, Beirut, Lebanon

Social Status: Married to Nadine Nashawaty, 3 children

Education:

Lycée Franco-Libanais	1979	Lebanese Baccalaureate
Beirut, Lebanon	1979	French Baccalaureate

American University of Beirut

School of Arts and Sciences 1979-1982 BS Biology

School of Medicine 1982-1986 MD

Post Graduate Education:

Univ. Hospitals of Cleveland	1986-1990	Post-Doctoral Fellow in Neurology
Cleveland, OH		

Mount Sinai Medical Center 1990-1991 Resident in Internal Medicine

Cleveland, OH

Univ. Hospitals of Cleveland 1991-1993 Resident in Neurology Cleveland, OH 1993-1994 Chief Resident, Neurology

Cleveland Clinic Foundation 1994-1996 Fellow, Epilepsy and Clinical Neurophysiology

Cleveland, OH

Certification and Licensure:

Educational Council for Foreign Medical Graduates (ECFMG), Certificate # 3998374

Ohio State Medical License # 64001, July, 1992 (FLEX June, 1992)

ACLS certified

Diplomate of the American Board of Psychiatry and Neurology

Diplomate of the American Board of Epilepsy and Clinical Neurophysiology

Recertified, American Board of Psychiatry and Neurology, 2009-2019, certificate number 45647

<u>Professional Appointments</u>: (list in chronological order beginning with most recent):

Lebanese American University	2017-present 2016-present 2010-present 2010-present 2010-present	Assistant Dean for Clinical Research Director, Neurology Residency Program Head, Division of Neurology Associate Professor Coordinator Neurosciences module, Med II
LAU Medical Center-RH	2011-present 2011-2015 2010-present 2010-present	Co-Director, Neurology rotation, Med III Head, Medical Practice Plan Head, Section of Neurology Head, Neurophysiology laboratories
Rizk Hospital Beirut, Lebanon	2004-2007 2004-2007 1999-2001 1998-2010 1998-2010 1998-2000 1997-2010	President, Executive Committee Ethics Committee Chairman, Department of Internal Medicine Head, Epilepsy and Clinical Neurophysiology Head, Division of Neurology Head, House Staff Committee Staff, Neurology
Lebanese University	1999-present 1999-present	Faculty of Neurology Training Neurology Residents (only 2 hospitals from the 36 affiliated to the UL could do it from 1999-2006)
Kaiser Permanente, Cleveland, Ohio	1996-1997	Staff, Neurology Acute Care
Case Western Reserve University School of Medicine, Cleveland, Ohio	1989-1990	Instructor of Neurology

Academic Leadership Responsibilities and Professional Services:

LAUMCRH	Emergency Room Committee	2017-present
	Ethics Committee	2017-present
	Bylaws Committee	2011-2015
	Board Member	2011-2013
	Head of MPP committee	2011-2016
	Head of Neurophysiology laboratories	2011-present

Member of bylaws committee that developed Bylaws of the hospital.

As head of MPP committee: attended weekly board meetings at LAUMCRH, advise and assist in various decision making at hospital.

As head of Neurophysiology laboratories: created these laboratories at LAUMCRH: chose machines, trained technicians, created video EEG monitoring unit, started WADA testing, implemented quality assurance, developed templates for reporting system...

LAU	Assistant Dean for Clinical Research	2017-present
	University Promotion Council, SOM elected member	2017
	Director, LAU Neurology Residency Program	2015-present
	Peer Review Committee of SOM, Chair	2014-present
	Head of SOM MPP committee	2011-2016
	Co-Director, Neurology rotation, Med III	2011-present
	Coordinator, Neurosciences Module, Med II	2010-present

Developed since 2009 the neurology program at LAU and LAUMCRH.

2009: designed from scratch a 12 weeks neurosciences module for LAU Med II students (including neuroanatomy and psychiatry): put together structure of the module, weekly themes and PBL cases, learning objectives, schedule, exam questions, contacted psychiatrists from outside LAU to come and teach, taught 55 hours during the module...

2011: asked by Dean of SOM to create a 4 weeks Neurology rotation for Med III students: developed learning objectives and policies of rotation, and 8 standardized 1 hour lectures that are given monthly to students during this rotation, developed evaluations and exam questions of rotation.

2014: LAU Neurology Residency Program: created and developed in its entirety. Currently 4 residents in the program, fairing well on exams compared to residents from other programs. All Neurology programs continue to be developed as needs change and SOM continues to grow: e.g. will soon open a stroke unit at LAUMCRH, first in Lebanon.

2017: nominated Assitant Dean for Clinical Research. Neurology division very active in this field with 11 projects (3 with grants) ongoing at the same time; culture needs to spread to involve the whole hospital. Great potential, need to create Clinical Research Unit, provide vision, leadership and support to our faculty to help enhance research, develop research policies and solicit funds necessary to implement research programs.

Clinical Studies:

- 1- Long term open label study in patients with partial onset seizures with or without secondary generalization phase IV, Investigator, Rizk Hospital, 1999-2000
- 2- A randomized, double-blind, cross over study for the acute treatment of migraine, Investigator, Rizk Hospital, 2000-2001.
- 3- Open naturalistic individual dose optimisation trial in recently diagnosed patients with epilepsy who are treatment naïve or have failed one antiepileptic drug treatment in monotherapy, Investigator, Rizk Hospital, 2001-2002.
- 4- Quality of Life issues in Epilepsy in Iran, Gulf and Near East, Investigator, 2001-2002.
- 5- Partial Epilepsy, Investigator, 2002-2003.
- 6- Registry study, Investigator, 2004-2005.
- 7- Evaluation of daytime Quality Impairment by Nocturnal awakenings in Outpatient's eXperience, National Coordinator, 2005-2009

- 8- Characteristics of insomnia in a primary care setting, National Coordinator, 2005-2009
- 9- Lebanese Stroke Registry: National coordinator, 2006-2011
- 10- Optic Study, Investigator, 2007-2011
- 11- Performs Study, Investigator, 2012-2013
- 12- Cortical excitability changes predict response to Fampridine in MS patients with walking disabilities, Primary Investigator, 2016-2017
- 13- Cortical Excitability Changes in Relapsing Remitting Multiple Sclerosis Patients Started on Gilenya (Fingolimod), Primary Investigator, 2016-present
- 14- The effects of transcranial direct current stimulation on hand dexterity in multiple sclerosis, Co-Primary Investigator, 2015-present
- 15- Abnormalities of Ulnar Nerve Conduction in Carpal Tunnel Syndrome, Co-Primary Investigator, 2015-2017
- 16- Investigating Diabetic Peripheral Neuropathy, Co-Primary Investigator, 2017-present
- 17- The effects of transcranial direct current stimulation in Essential Tremor, Co-Primary Investigator, 2015-present
- 18- A Multicenter, Multinational, Observational Study to Collect Information on Safety and to document the Drug Utilization of Fampyra When Used in Routine Medical Practice in Lebanon, Investigator, 2017-present
- 19- Real World retrospective study of effectiveness and safety of Gilenya (FINgOlimod) in relapsing remitting Multiple Sclerosis in the Middle East and North Africa Countries (FINOMENA), Investigator, 2017
- 20- Transcranial Direct Current Stiumlation (tDCS) as a prophylactic treatment in migraine patients, Primary Co-Investigator, 2017
- 21- Vitamin B6 toxicity on the nervous system, Primary Co-Investigator, 2017-present
- 22- The Efficacy of Transcranial Direct Current Stimulation in Patients with Medication Overuse Headaches Secondary to Chronic Migraines, Primary Co-Investigator, 2017-present
- 23- A 12-week double-blind, randomized, multi-center study comparing the efficacy and safety of once monthly subcutaneous AMG 334 against placebo in adult episodic migraine patients (EMPOwER), 2018-present
- 24- An open label, single arm, 4 year study to evaluate effectiveness and safety of ocrelizumab treatment in patients with progressive multiple sclerosis, 2018-present

Professional Society Memberships:

Society for Neuroscience	1989-present
American Academy of Neurology	1991-present
American Epilepsy Society	1994-present
American EEG Society	1994-present
Lebanese Neurological Association	1998-present
Executive Committee	2003-2005
Lebanese League Against Epilepsy Founding member	2001-present
President	2003-2005
Vice President	2010-2012
East Mediterranean Epilepsy Academy (EMEPA) Executive Board	2003-2006

Major Administrative Responsibilities:

Lebanese American University	2017-present 2017 2016-present 2010-present 2010-present 2010-2015	Assistant Dean for Clinical Research University Promotion Council, SOM member Director, Neurology Residency Program Head, Division of Neurology Coordinator Neurosciences module, Med II Interviewer of medical students applicants
LAU Medical Center-RH	2010-present 2010-present 2011-2015 2011-present	Head, Section of Neurology Head, Neurophysiology laboratories Head, Medical Practice Plan Co-Director, Neurology rotation, Med III

Additional administrative functions:

- 1. 2011: visited the Burcke rehabilitation facility in New York on behalf of LAU. Sent a complete report to the Board of the hospital regarding a rehabilitation facility to be done in Lebanon by LAU
- 2. May 2016: Instrumental role in the memorandum of understanding signed between LAU and Al Hamidi Charity Medical Center in Tripoli for collaborative research projects
- 3. 2016: Visited the BUCK institute for research in San Francisco, USA, and presented our research work to the CEO. Instrumental role in the memorandum of understanding signed between LAU and the BUCK institute in September 2016 in New York

Public Services:

Epilepsy Awareness campaign: Planned and executed during the presidency of the Lebanese League Against Epilepsy: Lectures open to the grand public, Lecture at schools, TV/radio/newspaper interviews, still going on!

Alzheimer's disease Awareness campaign: Trained Internal Medicine and Family Medicine Physicians, Helped Dr. Randa Choueiry develop a project on dementia applied to the Internists, Member of the Scientific Committee of the Lebanese Alzheimer Association, several lectures to the grand public, project of a daytime "nursery" for mild to moderate Alzheimer patient.

Awareness Program with NOODT about brain death and organ donations; undergone training with the Spanish team; several lectures to grand public all over Lebanon; trainings for nurses, intensive care physicians; seminars with religious authorities.

Mulitple Sclerosis Awareness Campaign: Several patient awareness lectures nationally and regionally; participated in MS day; several interviews with media (last one listed in Media Appearances below as an example)

Member of Advisory Board for several pharma companies: Biogen Idec, Novartis, Merck, Pfizer...

Awards:

First Prize Award, best research, Cleveland Clinic Neuroscience Day, 1993

Congresses Organized:

President, First International Meeting of the Lebanese Society of Neurology and the Lebanese League Against Epilepsy, Beirut, November 2004

Media Appearances (selected):

2017: https://web-release.info/new-hope-ms-patients/

2015: MTV Alive, the Clinic, watch at: https://www.youtube.com/watch?v=NC-7mQjwz2E

2015: TV Show Madarat, Dubai

2013: Daily Star

2013: MTV The Doctors

2012: MTV The Doctors

2010: Sept. 10, MTV Sante

Several appearances and radio interviews on LBC, LBCi, Hiya, Tele Lumiere, Nour Sat, Manar, Sawt Lebnan...

Journal Reviewer:

Neurology Life Science Brain Research Lebanese Medical Journal

Grants (obtained) PI or Co-PI:

PI initiated study: Cortical excitability changes predict response to Fampridine in MS patients with walking disabilities, **Principal Investigator**, 2016-2017, Grant from Biogen Idec Switzerland: 37,250 \$

PI initiated study: Cortical Excitability Changes in Relapsing Remitting Multiple Sclerosis Patients Started on Gilenya (Fingolimod), **Principal Investigator**, 2017-2019, Grant from Novartis Switzerland: 200,000 \$

Investigating Diabetic Peripheral Neuropathy: **Co-Principal Investigator**, 2017-2018, Grant from LAU GSR: 25,000 \$ **Grants (applied for):**

CNRS: Vitamin B6 Toxicity on the Nervous System, **Co-Principal Investigator**, Applied Oct 2017 for 40,000 \$, pending

Migraine Research Foundation: The efficacy of transcranial Direct Current Stimulation in patients with medication overuse headaches secondary to chronic migraines, Co-Principal Investigator, Applied July 2017 for 31,500 \$, refused

Teaching Activities:

Medical Grand Rounds, American University of Beirut:

Pulmonary infiltrates and eosinophilia June, 1986
MPTP and the blood-brain barrier June, 1988
Neurologic complications of AIDS February, 1993

Neurosurgical Grand Rounds, American University of Beirut:

The "biochemical" blood-brain barrier February, 1993

Departments of Neurology and Neurosurgery,

University Hospitals of Cleveland

Free radicals and MPTP neurotoxicity

Epidemiology of Parkinson Disease

December, 1988
February, 1989

Case Western Reserve University, Instructor 1989, 1990, 1992

School of Medicine, Year II Curriculum,

Nervous System/Mind Commitee

Epilepsy Grand Rounds, Cleveland Clinic Foundation:

Functional MRI: an overview April, 1995
Memory and Seizures November, 1995

Neurology Grand Rounds, Department of Neurology,

University Hospitals, Lexington, Kentucky

Classification of seizures July, 1996

Neurology Grand Rounds, Department of Neurology

Henry Ford Hospital, Detroit

Temporal Lobe Epilepsy August, 1996

Neurology Grand Rounds, Department of Neurology

American University of Beirut

Clinical Manifestations of Seizures in Childhood January, 1997

Medical Grand Rounds

Rizk Hospital, Lebanon

Evaluation of Stroke September, 1997 Seizures: Lateralizing Signs April, 1998

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Pharmacological Advances in Treatment of Epilepsy Advances in the Treatement of Headaches Toxocara and Encephalopathy: Case Report Advances in the Treatment of Multiple Sclerosis Manifestations of Seizures in the Lebanese Population Neutralizing Antibodies in Multiple Sclerosis Classification of Seizures Women and Epilepsy Sleep Disorders Differential Diagnosis of Multiple Sclerosis Psychogenic Seizures: the Rizk Hospital Experience Degenerative Neurological Encephalopathies Brain Death Update on Alheimer Disease	April, 1999 April, 2000 April, 2001 April, 2002 November, 2002 March, 2003 May, 2004 November, 2004 April, 2005 November, 2005 April, 2006 January, 2007 January, 2009 Dec., 2009
LAUMCRH Brain Death in Organ Donation Parasomnias and Insomnias Multiple Sclerosis: new paradigm of evaluation Pain management Multiple Sclerosis: Real World Experience Stem Cells in Neurology Retrospective in Research	June, 2011 2012 2013 2014 2015 2016 2017
Clemenceau Medical Center Semiology of seizures	January, 2009
Lebanese University School of Medicine Med II curriculum, yearly 12 hours lectures	2000-present
Balamand University School of Medicine, Year II Curriculum, Neuropharmacology, 18 hours course	2008-2009
LAU Med II Neurosciences Clinical Sciences lectures Byblos Campus	2011-present
LAUMC-RH Neurology Rotation, Med III students Monthly lectures, 4 hours Simulation session, Byblos, 2 hours every other month	2011-present 2013-present

Neurologists trained:

Dr. Mahmoud Moussaoui 2003

Dr. Rechdi Ahdab	2005
Dr. Abdallah Rahbani	2005
Dr. Samar Ayache	2008
Dr. Faten Abou Ghazale	2008
Dr. Samer Abes	2016
Dr. Roudy Nawar	2017
Dr. Manale Nader	2018
Dr. Madiha Shatila	2019
Dr. Joumana Freiha	2020
Dr. Karim Makhoul	2020
Dr. Romy Zgheib	2021

Graduate Students Thesis Advisor/Reviewer:

Pierre Khodeir	2014	MD thesis: cerebral white matter hyperintensitites, an analysis of cerebral risk
		factors in Lebanon
Manal Kordahi	2014	MD thesis: cerebral white matter hyperintensitites, an analysis of cerebral risk
		factors in Lebanon
Ghattas Labaki	2014	MD thesis: cerebral white matter hyperintensitites, an analysis of cerebral risk
		factors in Lebanon

Scientific Presentations and Lectureships:

Society for Neuroscience Meeting, New Orleans, Louisiana, USA, 1987 (Oral Presentation)

American Academy of Neurology Meeting, Cincinnati, Ohio, USA, 1988 (Oral Presentation)

Society for Neuroscience Meeting, Toronto, Canada, 1988 (Invited speaker)

21st American Chemical Society Central Regional Meeting, Cle. OH, USA, 1989 (Invited speaker)

Society for Neuroscience Meeting, Phoenix, Arizona, USA, 1989 (Oral Presentation)

American Academy of Neurology Meeting, Chicago, Illinois, USA, 1989 (Oral Presentation)

American Academy of Neurology Meeting, Miami Beach, Florida, USA, 1990 (Oral Presentation)

American Academy of Neurology Meeting, Boston, MA, USA, 1991 (Oral Presentation)

American Academy of Neurology Meeting, San Diego, California, USA, 1992 (Oral Presentation)

Course "Scientific Basis of Neurology", American Academy of Neurology Meeting, San Diego, California, USA,1992 (Invited lecturer)

Merritt-Putnam Epilepsy Update, Miami Beach, Florida, 1993 (Invited Speaker)

Cleveland Clinic Neuroscience Day, Cleveland, Ohio, 1993, First prize award winner

Immune Mediated Neurological Diseases, Phoenix, AZ, 1993 (Invited speaker)

The Bowman Gray School of Medicine, Residents Program in Epilepsy, NC, 1993

American Epilepsy Society Meeting, Boston, Massachussets, USA, 1995 (Oral Presentation)

The Cleveland Clinic Comprehensive Clinical Neurophysiology Course, Clev., Ohio, 1996 (Invited Speaker)

The Bowman Gray SOM, Fellows Program in Epilepsy, Winston-Salem, NC, 1996

Seventh International Cleveland Clinic-Bethel Symposium, Cle. Ohio, 1996 (Invited Speaker)

EpiFellows National Speaker Training Program for Parke Davis, Colorado Springs, 1999 (Invited Speaker)

Parke Davis Epilepsy Symposium, Beirut, Lebanon, 1999

Parke Davis, Epilepsy Satellite Symposium of the Pan Arab Neurological Meeting, Beirut, Lebanon, 2000

Parke Davis Epilepsy Symposium, Zahle, Lebanon, 2000

Merck Sharp and Dohme, Headache Symposium, Beirut, Lebanon May 2000

MESOT Course: Transplant Procurement Management, Lebanon, 2000 (Invited Speaker)

Merck Sharp and Dohme, Headache Symposium, Beirut, Lebanon, 2000

Transplant Procurement Management course, Lebanon, 2001(Invited Speaker)

Iranian Congress of Neurology, Tehran, Iran, 2001(Invited Speaker)

Syrian Neurological Congress, Latakieh, 2001(Invited Speaker)

Merck Sharp and Dohme, Headache Symposium, Beirut, Lebanon, 2001

MS Symposium, Marakesh, Moroco, 2001(Invited Speaker)

Sanofi Synthelabo, Epilepsy Symposium, Faraya, Lebanon, 2001

Iranian Congress of Neurology, Tehran, Iran, 2002(Invited Speaker)

MS Symposium, Red Crescent, Iran, 2002 (Invited Speaker)

Merck Sharp and Dohme, Headache Symposium, Beirut, Lebanon, 2002

First French Syrian Neurology Congress, Damascus, 2002 (Invited Speaker)

Biogen Scientific Dinner, ENS meeting, Berlin, 2002 (Guest Speaker)

MS Symposium, Hammamet, Tunis, 2002

Transplant Procurement Management course, Lebanon, 2002 (Invited Speaker)

GCC meeting, Bahrain, October 2002 (Invited Speaker)

Sanofi Synthelabo, Epilepsy Symposium, Tripoli, Lebanon, 2002

Pan Arab Neurological Meeting, Cairo and Sharm el Sheikh, 2003 (Invited Speaker)

Algorithm MS Symposium, Isphahan, Iran, 2003

Algorithm MS Symposium, Tabriz, Iran, 2003

Algorithm MS Symposium, Mashad, Iran, 2003

Merck Sharp and Dohme, Stroke Symposium, Beirut, Lebanon, 2003

Merck Sharp and Dohme, Headache Symposium, Tripoli, Lebanon, 2003

Biogen, First Latin American MS Symposium, Sao Paolo, Brasil, 2003

Biogen MS symposium, Mexican Neurology Society Meeting, Puerto Valarte, 2003

First Epilepsy Course, Ryad, Saudi Arabia, 2003 (Invited Speaker)

Biogen MS Symposium, Madrid, Spain, 2003

Symposium on Neutralizing Antibodies in MS, St Jean Cap Ferrat, 2003 (Guest Speaker)

Iranian Congress of Neurology, Tehran, Iran, 2003 (Invited Speaker)

ENS meeting, Biogen Scientific Dinner, Istambul, Turkey, 2003

ENS meeting, MS symposium, Istambul, Turkey, 2003 (Invited Speaker)

Merck Sharp and Dohme, Headache Symposium, Tripoli, Lebanon, 2003

Merck Sharp and Dohme, Headache Symposium, Beirut, Lebanon, 2003

Merck Sharp and Dohme, Headache Symposium, Zahle, Lebanon, 2003

Merck Sharp and Dohme, Headache Symposium, Saida, Lebanon, 2003

Algorithm MS Symposium, Amman, Jordan, 2003

Algorithm MS Symposium, Kuwait City, Kuwait, 2003

Biogen MS Symposium, Rome, Italy, 2003

Biogen MS Symposium, Athens, Greece, 2003

First CEMA Epilepsy Course, Jeddah, Saudi Arabia, 2003 (Invited Speaker)

MS Symposium, Jeddah, Saudi Arabia, 2003

Epilepsy training program, Glaxo Welcome, Beirut, Lebanon, 2003 (Guest Speaker, Trainer)

Algorithm MS Symposium, Chiraz, Iran, 2004

Algorithm MS Symposium, Tehran, Iran, 2004

GCC meeting, Quatar, 2004 (Invited Speaker)

Regional MS Symposium, Beirut, Lebanon, 2004 (Invited Speaker)

Sanofi Epilepsy Symposium, Hammamet, Tunis, 2004

Iranian Congress of Neurology, Tehran, Iran, 2004 (Invited Speaker)

Moroccan Congresss of Neurology, Casablanca, Moroco, 2004 (Invited Speaker)

ILAE meeting, Symposium of Non Epileptic Psychogenic Seizures, Lisbon, Portugal, 2004 (Invited Speaker)

President, First International Meeting of the Lebanese Neurological Association and the Lebanese League

Against Epilepsy, Beirut, 2004 (Invited Speaker)

Iranian MS Day, Tehran, Iran, 2004 (Invited Speaker)

Algorithm MS Symposium, Saudi Arabia, 2004

Algorithm MS Symposium, Iran, 2005

Iranian Congress of Neurology, Tehran, Iran, 2005 (Invited Speaker)

Congress of Neurology, Neurology in Women, Kuwait, 2005 (Invited Speaker)

Biogen Idec MS Symposium, Prague, July 2005 (Trainer, Guest Speaker)

Algorithm MS Symposium, Kuwait, September 2005

Congress of Neurology, Quatar, 2005 (Invited Speaker)

18th World Congress of Neurology, Sydney, Australia, 2005 (Invited Speaker)

Emirates Neurosciences Conference, UAE, 2005 (Invited Speaker)

Iranian MS Day, Tehran, Iran, 2005 (Invited Speaker)

Algorithm MS Symposium, Kuwait, 2005

Moroccan Congresss of Neurology, Fes, 2006 (Invited Speaker)

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UCB Special Epilepsy lecture, Byblos, Lebanon, 2006

Eastern Mediterranean Congress, MS Lecture, Dead Sea, Jordan, 2006 (Invited Speaker)

Eastern Mediterranean Congress, Epilepsy Lecture, Dead Sea, Jordan, 2006 (Invited Speaker)

Eastern Mediterranean Congress, Epilepsy Lecture, Dead Sea, Jordan, 2007 (Invited Speaker)

ILAE Epilepsy Meeting, Luxor, Egypt, 2007 (Invited Speaker)

Iranian Congress of Neurology, Tehran, Iran, 2007 (Invited Speaker)

ENS Biogen Idec MS Satellite Symposium, Rodos, Greece, 007

Algorithm MS Symposium, Rasht, Iran, 2007

Algorithm MS Symposium, Kirman, Iran, 2007

ECTRIMS Biogen Idec MS Satellite Symposium, Prague, 2007

Pan Arab Neurological Meeting, Tunis, 2007 (Invited Speaker)

Biogen Idec: MS Symposium, Oran, Algeria, 2007

Biogen Idec: MS Symposium, Algers, Algeria, 2007

Serono Special MS lecture, Sidon, Lebanon, 2007

Sanofi Aventis: Epilepsy Symposium, Lebanese Society of Neurology course, 2007

Lebanese Society of Neurology, Continuum, Epilepsy, 2008 (Invited Speaker)

Biogen Idec: MS Symposium, Constantine, Algeria, 2008

Eastern Mediterranean Congress, Epilepsy Lecture, Dead Sea, Jordan, 2008(Invited Speaker)

Alzheimer's Association Caregiver's Meeting, Lebanese Order of Physicians, 2009 (Invited Speaker)

Algerian Neurology Society Meeting, Epilepsy Lecture, Algers, Algeria 2009 (Invited Speaker)

Algerian Neurology Society Multiple Sclerosis Meeting, Algers, 2009 (Invited Speaker)

Jordanian Society of Neurology Meeting, Amman, 2009 (Invited Speaker)

Pain Consensus Expert Meeting for the Middle East, Dubai, 2010 (Invited Expert)

2nd East Mediterranean Epilepsy Congress, Dubai, 2010 (Invited Speaker)

Lebanese Alzheimer Society: Dementia public awareness Lecture, LOP, 2010 (Invited Speaker)

Glaxo Smith Kline, Epilepsy Lecture, Dubai, 2010

Kuwait Society of Neurology Meeting: Temporal Epilepsy, Kuwait, 2010 (Invited Speaker)

Eli Lilly: 3 Lectures on Neurophysiology of Pain: Dubai, Abu Dhabi, Ras al Sin, 2010

Eli Lilly, Neurobiology of Depression, Vienna, 2010

Novartis: Updates on Treatment of Multiple Sclerosis, Tripoli, 2011

Annual Meeting of Internal Medicine Meeting, Beirut, 2011 (Invited Speaker)

Lundbeck: Updates in the treatment of Alzheimer's Disease, Beirut, 2011

3rd International Congress of the Lebanese Society of Neurology, Broumana, 2011 (Invited Speaker)

Eli Lilly: Neurobiology of Depression, Beirut, 2011

Multiple Sclerosis Symposium, Beirut, 2011(Invited Speaker)

Novartis: Updates in the Treatment of Alzheimer's Disease, Beirut, 2011

5th Meeting of the Lebanese Society of Critical Care Medicine, Beirut, 2011 (Invited Speaker)

NOODT Symposium: Public Awareness, Brain Death and Organ Donation, Beirut, 2012 (Invited Speaker)

4th International congress of the Lebanese Society of Neurology, Broumana, 2012 (Invited Speaker)

2nd Multiple Sclerosis Symposium, Beirut, 2012 (Invited Speaker)

Syrian Neurological Association Meeting on Dementia, Beirut, 2012 (Invited Speaker)

NOODT Symposia: 2013 (Invited Speaker)

21st Saudi Neurology Annual meeting, Riyadh, 2013 (Invited Speaker)

Novartis Neurosciences Workshop, Jeddah, 2014 (Invited Speaker)

Second International Conference of the Kurdistan Neurological Association, Erbil, 2014 (Invited Speaker)

Leb. University Faculty of Medicine: Biologics & Autoimmune Diseases, Beirut, 2014 (Invited Speaker)

20th National Congress of Neurology, Hammamet, Tunisia, 2014 (Invited Speaker)

NOODT seminar, USJ, Faculty of Nursing, 2014 (Invited Speaker)

MENACTRIMS 1st congress, Dubai, 2014

Alzheimer's Association Caregiver's Meeting, Beirut, 2015 (Invited Speaker)

Algerian International Neurology Congress, Oran, 2015 (Invited Speaker)

7th International Congress of Lebanese Society of Neurology, Beirut, 2015 (Invited Speaker)

8th Annual Congress of the Lebanese Society of Critical Care, Beirut, 2015 (Invited Speaker)

NOODT International Congress, Beirut, 2015 (Invited Speaker)

11th Annual Meeting of the Lebanese Society of Internal Medicine, Beirut, 2016 (Invited Speaker)

Pfizer Dementia symposium, Internal Medicine Congress, Beirut, 2016

Merck Strategic MS Advisory Board for the Near East (Guest Speaker)

8th International congress of the Lebanese Society of Neurology, Beirut, 2016 (Invited Speaker)

Merck MS Symposium, Mashad, Iran, 2016

MS Symposium, Oman 2016

World Congress of Neurology, Kyoto, Japan, 2017 (Poster presentation)

Merck MS Symposium, Yerevan, Armenia, 2017

Merck, Symposium, Jordanian Neurology meeting, Amman, Jordan 2017

Merck Scientific Training, Beirut, Lebanon 2017

Migraine Advisory Board Meeting, Novartis, Beirut, Lebanon, 2017 (Expert meeting)

Symposium Biogen Lebanese Society of Neurology Meeting, Beirut, 2017

ECTRIMS meeting, advisory board, Merck, Paris, France 2017 (Expert meeting)

Biogen Idec First Plegridy Launch in the Middle East, Dubai, UAE 2017 (Guest Speaker/expert panel)

NETFORMS meeting, Budapest, Hungary, 2018 (Guest Speaker)

Roche Scientific Training, Istanbul, Turkey, 2018 (Guest Speaker)

16th Pan Arab Union of Neurological Societies (PAUNS) Meeting, Amman Jordan, 2018 (Invited Speaker) Academy of Knowledge, Dubai, 2018 (Invited Speaker)

BIBLIOGRAPHY

PEER-REFEREED JOURNAL ARTICLES

- 1. Riachi, N.J., Arora, P.K., Sayre, L.M. and Harik, S.I.: Potent neurotoxic fluorinated 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine analogs as potential probes in models of Parkinson disease. **J. Neurochem. 50**:1319-1321, 1988.
- 2. Riachi, N.J., Harik, S.I., Kalaria, R.N. and Sayre, L.M.: On the mechanisms underlying 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine neurotoxicity. II Susceptibility among mammalian species correlates with the toxin's metabolic patterns in brain microvessels and liver. **J. Pharmacol. Exp. Ther. 244**:443-448, 1988.
- 3. Arora, P.K., Riachi, N.J., Harik, S.I. and Sayre, L.M.: Chemical oxidation of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and its <u>in vivo</u> metabolism in rat brain and liver. **Biochem. Biophys. Res. Commun. 152**:1339-1347, 1988.
- 4. Riachi, N.J. and Harik, S.I.: Strain differences in systemic 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine neurotoxicity in mice correlate best with monoamine oxidase activity at the blood-brain barrier. **Life Sci. 42**:2359-2363, 1988.
- 5. Riachi, N.J., LaManna, J.C. and Harik, S.I.: Entry of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine into the rat brain. **J. Pharmacol. Exp. Ther. 249**:744-748, 1989.
- 6. Riachi, N.J. Neurodegenerative Disorders: The Role Played by End toxins and Xenobiotice. Neurology 39:613, 1989
- 7. Arora, P.K., Riachi, N.J., Fiedler, G.C., Singh, M.P., Abdallah, F., Harik, S.I. and Sayre, L.M.: Structure-neurotoxicity trends of analogs of 1-methyl-4-phenylpyridinium (MPP⁺), the cytotoxic metabolite of the dopaminergic neurotoxin MPTP. **Life Sci. 46**:379-390, 1990.
- 8. Riachi, N.J., Dietrich, W.D., and Harik, S.I.: Effects of internal carotid administration of MPTP on rat brain and bloodbrain barrier. **Brain Res. 533**:6-14, 1990.
- 9. Riachi, N.J., Behmand, R.A., and Harik, S.I.: Correlation of MPTP neurotoxicity *in vivo* with oxidation of MPTP by the brain and blood-brain barrier *in vitro* in five rat strains. **Brain Res. 555**:19-24, 1991.
- 10. Sayre, L.M., Wang, F., Arora, P.K., Riachi, N.J., Harik, S.I., and Hoppel, C.L.: Dopaminergic neurotoxicity *in vivo* and inhibition of mitochondrial respiration *in vitro* by possible endogenous pyridinium-like substances. **J. Neurochem.** 57:2106-2115, 1991.
- 11. Riachi, N.J., and Harik, S.I.: Monoamine oxidases of the brains and livers of macaque and cercopithecus monkeys. **Exp. Neurol. 115**:212-217, 1992.
- 12. Berridge, M.S., Sayre, L.M., Arora, P.K., Terris, A.H., Riachi, N.J., and Harik, S.I.: Design and synthesis of ¹⁸F labeled neurotoxic analogs of MPTP. **J. Med. Chem. 36**:1284-1290, 1993.

- 13. Harik, S.I., Riachi, N.J., Hritz, M.A., Berridge, M.S., and Sayre, L.M.: Development of fluorinated MPTP analogs with potent nigrostriatal toxicity for potential use in positron emission tomography studies. **J. Pharmacol. Exp. Ther. 266:** 790-795, 1993.
- 14. The RANTTAS Investigators: A Randomized Trial of Tirilazad Mesylate in Patients with Acute Stroke (RANTTAS). **Stroke. 27:** 1453-1458, 1996
- 15. Johnston K. C, Li J. Y,, Lyden P.D., Hanson S.K., Feasby T.E., Adams R.J., Faught R.E, Haley E.C., for the RANTTAS Investigators: Medical and Neurological Complications of Ischemic Stroke. **Stroke. 29:** 447-453, 1998.
- 16. Christie, S., Göbel, H., Mateos, V., Allen, C., Vrijens, F., Shivaprakash, M., and the Rizatriptan-Ergotamine/Caffeine Preference Study Group: Crossover Comparison of Efficacy and Preference for Rizatriptan 10 mg versus Ergotamine/Caffeine in Migraine. **European Neurology. 40:** 20-29, 2003
- 17. Baker, G.A. and the SIGN Group: Quality of Life of People with Epilepsy in Iran, the Gulf and Near East. **Epilepsia. 46**: 132-140, 2005
- 18. Guerrini, R., Carpay, J., Groselj, J., van Owe, J., Schreiner, A., Lahaye, M., Schwalen, S., on behalf of the TOP-INT-51 Investigators' Group: Topiramate monotherapy as broad spectrum antiepileptic drug in a naturalistic clinical setting. **Seizure. 14**: 371-380, 2005.
- 19. Groselj J, Guerrini R, Van Oene J, Lahaye M, Schreiner A, Schwalen S, TOP-INT-51 Investigators' Group Experience with topiramate monotherapy in elderly patients with recent-onset epilepsy. **Acta Neurol Scand. 112(3)**:144-50, 2005.
- 20. Bhatt, D.L. et al for the REACH Registry Investigators: International Prevalence, Recognition and Treatment of Cardiovascular Risk Factors in Outpatients with Atherothrombosis. **JAMA**, **295**: 180-189, 2006
- 21. Bohlega S, Alsaadi T, Amir A, Hosny H, Karawagh AM, Moulin D, Riachi N, Salti A, Shelbaya S.: Guidelines for the pharmacological treatment of peripheral neuropathic pain: expert panel recommendations for the Middle East region. **J Int Med Res, 38:** 295-317, 2010
- 22. Léger D, Partinen M, Hirshkowitz M, Chokroverty S, Hedner J, on behalf of the EQUINOX (Evaluation of daytime QUality Impairment by Nocturnal awakenings in Outpatient's eXperience) Survey Investigators: Characteristics of insomnia in a primary care setting: EQUINOX survey of 5293 insomniacs from 10 countries. **Sleep Med 11(10):** 987-98, 2010
- 23. Léger D, Partinen M, Hirshkowitz M, Chokroverty S, Touchette E, Hedner J, on behalf of the EQUINOX (Evaluation of daytime QUality Impairment by Nocturnal awakenings in Outpatient's eXperience) Survey Investigators. Daytime consequences of insomnia symptoms among outpatients in primary care practice: EQUINOX international survey. **Sleep Med 11(10)**: 999-1009, 2010
- 24. Alsheikh-Ali, A et al. on behalf of the REACH Registry Investigators: Prevalence and treatment of cardiovascular risk factors in outpatients with atherothrombosis in the Middle East. **Heart Asia**, 77-81, 2011

- 25. Ahdab, R. and Riachi, N.: Vertical "half and a half" syndrome. **Journal of Neurology Neurosurgery and Psychiatry, 83:** 834-833, 2012
- 26. Ahdab R, Saade HS, Kikano R, Ferzli J, Tarcha W, Riachi N. Pure ipsilateral central facial palsy and contralateral hemiparesis secondary to ventro-medial medullary stroke. **J Neuro Science**, **332(1-2)**: 154-5, 2013
- 27. Abboud H, Labreuche J, Arauz A, Bryer A, Lavados PG, Massaro A, Munoz Collazos M, Steg PG, Yamout BI, Vicaut E, Amarenco P; OPTIC Registry Investigators. Demographics, socio-economic characteristics, and risk factor prevalence in patients with non-cardioembolic ischaemic stroke in low- and middle-income countries: the OPTIC registry. **Int J Stroke**, 8:4-13, 2013
- 28. Ahdab R, Riachi N. Reexamining the Added Value of Intermittent Photic Stimulation and Hyperventilation in routine EEG practice. **European Neurology**, **71(1-2)**: 93-8, 2014
- 29. Zammar S, Pines AR, El Tecle N, El Ahmadieh T, McClendon J Jr, Riachi N, Bendok B. Aneurysm wall Composition may Determine Rupture Risk and Endovascular Treatment Failure. **World Neurosurgery**, 82: 8-9, 2014
- 30. Ahdab R, Kikano R, Saade H, Riachi N. Early corticospinal tract Wallerian degeneration versus mesencephalic substantia nigra degeneration secondary to striatal stroke. **Clin Neurol Neurosurg** 118:101-2, 2014
- 31. Ayache S, Chalah M, Riachi N, Ahdab R. Permanent Reversal of Essential Tremor Following a frontal lobe stroke. **Front. Cell. Neurosci.** 9:440, 2015
- 32. Chalah M, Riachi N, Ahdab R, Créange A, Lefaucheur JP, and Ayache S: Fatigue in multiple sclerosis: neural correlates and the role of non-invasive brain stimulation, **Front. Cell. Neurosci.** 9:460, 2015
- 33. Chalah, M, Riachi, N, Ahdab, R, Mhalla, A, Abdellaoui, M, Créange, A et al, Effects of left DLPFC versus right PPC tDCS on multiple sclerosis fatigue. J Neurol Sci. 372:131–137, 2017
- 34. Noureldine M, Kikano R, Riachi N, Ahdab, R. Hyperacoustic hypoacusis: A new pontine syndrome Case report. **Brain Injury**, 31 (10): 1396-1397, 2017

MANUSCRIPTS IN PREPARATION

Ahdab R., Mansour AG., Khazen G., Sabbouh TM, El-Khoury C., Salem M., Yamak W., MD, Nawar R., Samar S. Ayache SS., Riachi N.: Cathodal Transcranial Direct Current Stimulation of the Occipital Lobe in Episodic Migraine: A Randomized Sham-Controlled Cross-over Study

Riachi, N., Mansour, A., Salem M., El Khoury C., Sabbouh T., Jabri T., Khazen G. and Ahdab, R.: The Efficacy of Transcranial Direct Current Stimulation in Patients with Medication Overuse Headaches Secondary to Chronic Migraines

Ahdab, R., Shatila, M., Shatila, AR., Khazen G., Freiha J., Salem M., Makhoul K., Nawwar R., El Nemr S., Ayache SS., and Riachi N.: Cortical excitability changes predict response to Fampridine in MS patients with walking disabilities

Ahdab, R., Nader, M. and Riachi, N.: Abnormalities of Ulnar nerve conduction in Carpal Tunnel Syndrome

Riachi, N., Ahdab, R., Zebian, S., Farran, N. and Shukr, R.: Short and Long-Term Physiological and Behavioral Responses to Suffering among Medical Professionals Exposed to Two-Weeks of Compassion Training

ABSTRACTS AND PUBLISHED LETTERS

- 1. Riachi, N.J., Kalaria, R.N., Mitchell, M.J., Sayre, L.M. and Harik, S.I.: Oxidation of MPTP and several analogues by monoamine oxidase of rat brain microvessels. **Can. J. Neurol. Sci. 14**:341, 1987.
- 2. Riachi, N.J., Harik, S.I., Kalaria, R.N. and Sayre, L.M.: Animal susceptibility to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine neurotoxicity varies inversely with monoamine oxidase activity in their brain microvessels. **Society for Neuroscience Abstracts 13**:1251, 1987.
- 3. Riachi, N.J., Arora, P.K., Sayre, L.M. and Harik, S.I.: Potent neurotoxic fluorinated 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine analogues as potential probes in models of Parkinson disease. **Neurology 38[Suppl. 1]**:272-273, 1988.
- 4. Harik, S.I., Riachi, N.J., Arora, P.K. and Sayre, L.M.: MPTP: Structure-neurotoxicity correlates and mechanism. MPTP-Sardinia, 1988.
- 5. Harik, S.I., Riachi, N.J., LaManna, J.C. and Sayre, L.M.: Brain uptake and metabolism of MPTP. MPTP-Sardinia, 1988.
- 6. Riachi, N.J., LaManna, J.C. and Harik, S.I.: Blood-to-brain transport of MPTP. **Society for Neuroscience Abstracts** 14:618, 1988.
- 7. Arora, P.K., Riachi, N.J., Harik, S.I. and Sayre, L.M.: Structural neurotoxicity trends associated with MPTP as assessed through the intranigral infusion of 1-Methyl-4- phenylpyridinium (MPP⁺) analogs in rats. **Abstr. MEDI 54**: 195thNational Meeting of the American Chemical Society, Toronto, Ontario, June 1988.
- 8. Sayre L.M., Arora, P.K., Singh, M.P., Venkatarman, B., Riachi, N.J., Harik, S.I., Hoppel C.L. and McCoy J.D.: Studies on the mechanism of toxic activation of MPTP and related amines. **Abstr. MEDI 54**: 197th National Meeting of the American Chemical Society, Dallas, April 1989.
- 9. Riachi, N.J. and Harik, S.I.: Effects of internal carotid administration of MPTP on rat brain and blood-brain barrier. **Society for Neuroscience Abstracts 15**:822, 1989.
- 10. Riachi, N.J. and Harik, S.I.: Monoamine oxidase in the brain and cerebral microvessels of the Green African monkey. **Neurology 40[Suppl. 1]**:167, 1990.
- 11. Berridge, M.S, Sayre, L.M., Arora, P.K., Terris, A.H., Riachi, N.J. and Harik, S.I.: Synthesis of [18F]-2-Fluoromethyl MPTP. **Proceedings of the Ninth International Symposium on Radiopharmaceutical Chemistry**, 1992.

-

- 12. Riachi, N.J., Arora, P.K., Sayre, L.M., Berridge, M.S., and Harik, S.I.: Evaluation of 2'-fluoromethyl MPTP as a candidate for future positron emission tomography (PET) studies in nonhuman primates. **Neurology 42 [Suppl. 3]**:321, 1992.
- 13. Riachi, N.J., Najm, I., Comair, Y.G., and Luders, H.O.: Hippocampal volume measurement, interictal and ictal EEG recordings predicting seizure origin and outcome in intractable temporal lobe epilepsy. **Epilepsia 36 [Suppl. 4]:**167, 1995.
- 14. Riachi, N.J.: Non-Epileptic seizures in Lebanon. Epilepsia 44 s8, 2003.
- 15. Riachi, N.J.: Extratemporal Epilepsy. Neurosciences [Suppl. 3]: April 2003
- 16. Riachi, N.J.: Pregnancy and Epilepsy. Neurosciences [Suppl. 3]: April 2003
- 17. Riachi, N.J.: Epilepsy syndromes. **Neurosciences [Suppl. 3]:** April 2004
- 18. Riachi, N.J., Mansour, A., and Ahdab, R.: Transcranial direct current stimulation as a prophylactic therapy in migraine patients, WCN, Kyoto, September 2017
- 19. Riachi, N., Mansour, A., Salem M., El Khoury C., Sabbouh T., Jabri T., Khazen G. and Ahdab, R.: The Efficacy of Transcranial Direct Current Stimulation in Patients with Medication Overuse Headaches Secondary to Chronic Migraines. American Academy of Neurology meeting, Los Angeles, 2018
- 20. Ahdab, R., M. Shatila, M., Shatila, A, G. Khazen, G., Freiha, J., Salem, M., Makhoul, K., Nawwar, R., El Nemr, S., Ayache, S., Riachi, N.: Cortical modulatory effect of Fampridine in patients with multiple sclerosis and gait impairment, ECTRIMS Berlin, 2018
- 21. Mansour, A.G., Ahdab, R., Daaboul, Y., Korjian, S., Salem, M.W., Hariri, E.H., El Khoury, C., Riachi, N.J., Aoun Bahous, S.: Vitamin K2 Status and Arterial Stiffness Among Untreated Migraine Patients: A Case-Control Study, American Headache Society 60th meeting, San Francisco, 2018

BOOK CHAPTERS

- 1. Harik, S.I., Riachi, N.J. and LaManna, J.C.: MPTP neurotoxicity and the "biochemical" blood-brain barrier. In <u>Progress in Parkinson Research</u>, In F. Hefti and W.J. Weiner, editors. Plenum Press, pp 93-100, 1988.
- 2. Harik, S.I., Riachi, N.J., Kalaria, R.N. and LaManna, J.C.: The role of the blood-brain barrier in preventing MPTP neurotoxicity. In Johansson, B.B., Owman, C., and Widner, H, editors. <u>Pathophysiology of the Blood-Brain Barrier.</u> <u>Long Term Consequences of Barrier Dysfunction for the Brain</u>. The Netherlands: Elsevier Science Publishers, Inc., 1990, pp 255-267.
- 3. Riachi, N.J., contributor, The Little Black Book of Neurology, In Lerner, A.J., Mosby, editors. Third Edition, 1995.

- 4. Riachi, N.J., Schulz, R. and Luders, H.O.: Post Ictal Memory Deficits. In Luders, H.O. and Noachtar S., editors. <u>Epileptic Seizures: Pathophysiology and Clinical Semiology</u>. New York: Churchill and Livingstone, 2000. 667-673.
- 5. Riachi, N.J.: Basal Ganglia. In Mohammad Noureldine, editor. <u>Neuroanatomy Basics: A Clinical Guide</u>. Elsevier, 2017

Book Review:

<u>Neurodegenerative Disorders: The Role Played by Endotoxins and Xenobiotics.</u>, In Nappi, G., Hornykiewicz, O., Fariello, R., Agnoli, A., and Klawans, H, editors. Raven Press, 1988 **Neurology** 39:613, 1989.

References:

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