

The Neurology Center of Southern California
6010 Hidden Valley Road, Suite 200, Carlsbad, CA 92011
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CHUNYANG TRACY WANG

EDUCATION

1994-1996 M.S. Pharmacology, University of Missouri-Kansas City
1988-1993 M.D. Clinical Medicine, Harbin Medical University, P.R.China

BOARD CERTIFICATION

6/2008 American Board of Psychiatry and Neurology (ABPN)
6/2009 ABPN with subspecialty in Clinical Neurophysiology
5/2011 American Board of Electrodiagnostic Medicine (ABEM)

MEDICAL EXPERIENCES

7/ 14 - present Neurologist, The Neurology Center, Escondido / Poway, CA

10/09 – 2014 Assistant Professor and attending neurologist, Cooper University Hospital, Camden, NJ

7/08 – 7/09 Epilepsy Fellow, University of California at San Diego, CA

7/07 – 6/08 Clinical Neurophysiology Fellow, Hahnemann University Hospital, Drexel University College of Medicine, Philadelphia, PA

11/06-3/07 Chief Resident, Temple University Hospital, PA

6/03 – 6/07 Intern and Neurology Resident, Temple University Hospital, PA

12/01 -5/03 Physician Assistant, Framingham Health Associates, Framingham, MA

10/99-11/01 Research Associate, Department of Tumor Virology, Harvard Medical School, Boston, MA

8/96-10/99 Research Associate, Marion Merrel Dow Laboratory of Viral Pathogenesis. University of Kansas Medical Center

6/94-12/96 Graduate Research Assistant, Department of Pharmacology University of Missouri-Kansas City

6/93-5/94 Physician, Department of Internal Medicine, 2nd Hospital of

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Harbin Medical University, P.R.China

HONORS AND AWARDS

ANA (American Neurological Association) Young faculty award

<u>AES Top scholarship</u>	Cooper University Hospital, 2012
<u>AAN scholarship</u>	Hahnemann University Hospital, 2007
<u>Distinguished Thesis Award</u>	Temple University Hospital, 2006
<u>Gracia Bremer Award</u>	University of Missouri-Kansas City, 1997
<u>Gracia Bremer Award</u>	University of Missouri-Kansas City, 1996
<u>Gracia Bremer Award</u>	University of Missouri-Kansas City, 1995
<u>First Prize Student Scholarship</u>	Harbin Medical University, China, 1988-1993

CONFERENCES AND PRESENTATIONS

1. Timing of EEG in Correlation to Prognosis in Post-Cardiac Arrest patients treated with Therapeutic Hypothermia. Platform presentation. *AAN meeting*, San Diego, CA, March, 2013
2. Persistent thalamic abnormalities after complex partial status epilepticus. Shah, U, Akbar, U, **Wang, C.** Poster presentation. *American Neurological Association Meeting (ANA)*, San Diego, CA, Sept, 2011.
3. Sudden Unexpected Death in a Patient with Nonepileptic Spells: A Cautionary Tale of Patient Safety in the Epilepsy Monitoring Unit (EMU), Tecoma, E, Compton, R, **Wang, C**, Iragui, V Poster presentation. *American Epilepsy Society Meeting (AES)*, Boston, MA, Dec 3-8, 2009.
4. Wu-Chen W-Y, **Wang C**, Luo JJ. Acquired Severe Polyneuropathy In Non-intubated Patients Of Intensive Care Unit (ICU): Is This A Subtype Of Critical Illness Polyneuropathy (CIP)? Poster presentation, *60th Annal Meeting of the American Academy of Neurology (AAN)*, Chicago, Illinois, April 12- April 19, 2008.
5. **Wang, C.**, Khurana, D.S., Kothare, S.V., Legido, A., Harrison, G., Valencia, I. Significance of interictal EEG in Children with Occipital Epileptiform Discharges. Poster presentation, *59th Annal Meeting of the American Academy of Neurology (AAN)*, Boston, Massachusetts, April 27- May 5, 2007.
6. **Wang, C.**, Bumanlag, F., Azizi, S.A., Luo, J. Clinical Manifestations and Laboratory Findings in the Patients with Critical Illness Polyneuropathy. Platform presentation, *59th AAN*, Boston, Massachusetts, April 27- May 5, 2007.

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7. 4. Kumar, A., Liu, Z., Li, Z., **Wang, C.**, Jia, F., Foresman, L., Smith, M.S. and Narayan, O., "Virus-Specific CTL Responses Correlate with Long Term Resistance of Pig-tailed Macaques Immunized Orally with Attenuated SHIV and Challenged Intravaginally with SHIV_{KU-1}." *16th Symposium on Nonhuman Primate Models for AIDS*. Atlanta, GA, October 3-6, 1998.
8. **Wang, C.**, Youssef, J., Saran, B.M., Rothberg, P.G., Molteni, A. and Badr, M., "Induction of Hepatocellular Apoptosis by the Anticarcinogen Rotenone." *5th International Conference on Eicosanoid & Other Bioactive Lipids in Cancer Inflammation and Related Diseases*. La Jolla, CA, September 17-20, 1997.
9. Raghavan, R., Stephens, E.B., Joag, S.V., Adany, I., Pinson, D.M., Li, Z., Jia, F., Sahni, M., Leung, K., **Wang, C.**, Foresman, L. And Narayan, O., "The Pathogenesis of SHIV Infection in the Central Nervous System of Rhesus and Pig-Tailed Macaques."
10. *15th Symposium on Nonhuman Primate Models for AIDS*. Seattle, WA, September 3-6, 1997.
11. Joag, S.V., Li, Z., **Wang, C.**, Jia, F., Liu, Z.Q., Stephens, E.B., Sheffer, D., Foresman, L., McClure, H.O. and Narayan, O., "Parenteral Immunization with Live Attenuated SHIV Vaccine Confers Protection against Disease after Mucosal Challenge with Virulent SHIV." *15th Symposium on Nonhuman Primate Models for AIDS*. Seattle, WA, September 3-6, 1997.
12. **Wang, C.**, Youssef, J. And Badr, M., "Mechanism of the Anticarcinogenic Effect of Rotenone." *28th Pharmaceuticals Graduate Student Research Meeting*. Minneapolis, MN, June 28-30, 1996.

PUBLICATIONS

1. **Wang C**, Khurana DS, Kothare SV, Legido A, Harrison G, Carvalho KS, Valencia I, "Significance of interictal occipital epileptiform discharges in children." *Epileptic Disord*. 2010 Mar; **12**(1):59-64.
2. Ishido, S., Choi, J.K., Lee, B.S., **Wang, C.**, DeMaria, M., Johnson, R.P., Cohen, G.B. and Jung, J.U., "Inhibition of Natural Killer Cell-Mediated Cytotoxicity by Kaposi's Sarcoma-Associated Herpesvirus K5 Protein", *Immunity*, **13**: 365-374, 2000.
3. Ishido, S., **Wang, C.**, Lee, B.S., Cohen, G.B. and Jung, J.U., "Downregulation of Major Histocompatibility Complex Class I Molecules by Kaposi's Sarcoma-Associated Herpesvirus K3 and K5 Proteins", *J. Virol.* **74**: 5300-5309, 2000.

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4. Smith MS, Foresman L, Lopez GJ, Tsay J, Wodarz D, Lifson JD, Page A, **Wang C**, Li Z, Adany I, Buch S, Bischofberger N and Narayan O, “Lasting effects of transient postinoculation tenofovir [9-R- (2-Phosphonomethoxypropyl) adenine] treatment on SHIV (KU2) infection of rhesus Macaques”, *Virology*, **277**:306-315, 2000.
5. **Wang, C.**, Youssef, J., Saran, B., Rothberg, P.G, Cunningham, M.L., Molteni, A. and Badr, M., “Diminished Energy Metabolism and Enhanced Apoptosis in Livers of B63F1 Mice Treated with the Antihepatocarcinogen, Rotenone”, *Mol. Cell. Biochem.* **201**: 25-32, 1999.
6. Raghavan R, Cheney PD, Raymond LA, Joag SV, Stephens EB, Adany I, Pinson DM, Li Z, Marcario JK, Jia F, **Wang C**, Foresman L, Berman NE and Narayan O, “Morphological correlates of neurological dysfunction in macaques infected with neurovirulent simian immunodeficiency virus”, *Neuropathol Appl Neurobiol.* **25**: 285-294, 1999.
7. Narayan, S.V., Mukherjee, S., Jia, F., Li, Z., **Wang, C.**, Foresman, L., McCormick-Davis, C., Stephens, E.B., Joag, S.V. and Narayan, O., “Characterization of Neutralization-Escape Variant of SHIVKU-1, a Virus that Causes Acquired Immune Deficiency Syndrome in Pig-tailed Macaques”, *Virology*, **256**: 54-63, 1999.
8. Joag SV, Li Z, **Wang C**, Foresman L, Jia F, Stephens EB, Zhuge W and Narayan O, “Passively administered neutralizing serum that protected macaques against infection with parentally inoculated pathogenic simian-human immunodeficiency virus failed to protect against mucosally inoculated virus”, *AIDS Res Hum Retroviruses*, **15**: 391-394, 1999
9. Joag, S.V., Liu, Z.Q., Stephens, E.B., Smith, M., Kumar, A., Li, Z., **Wang C.**, Sheffer, D., Jia, F., Foresman, L., Adany, I., Lifson, J., McClure, H.M. and Narayan, O., “Oral Immunization of Macaques with Attenuated Vaccine Virus Induces Protection against Vaginally Transmitted AIDS”, *J. Virol.* **72**: 9069-9078, 1998.
10. Joag, SV, Li. Z, **Wang, C**, Jia, F, Foresman, L, Adany I, Pinson DM, Stephens EB and
11. Narayan O, “Chimeric SHIV that causes CD4+ T Cell loss and AIDS in rhesus macaques”, *J Med Primatol.* **27**: 59-64, 1998.
12. Zhuge, W., Jia, F., Stephens, E.B., Li, Z., **Wang, C.**, Joag, S.V. and Narayan, O., “Failure of SIVmac to Be Neutralized in Macrophage Cultures is Unique to SIVmac and Not Observed with Neutralization of SHIV or HIV-1”, *AIDS Res. Hum. Retroviruses*, **14**: 1045-1051, 1998.

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13. Foresman, L., Jia, F., Li, Z., **Wang, C.**, Stephens, E.B., Sahni, M., Narayan, O. and Joag, S.V., "Neutralizing Antibodies Gives Before, But Not After, Virulent SHIV Prevent Infection in Macaques," *AIDS Res. Hum. Retroviruses*, **14**: 1035-1043, 1998.
14. 12.Raghavan, R., Stephens, E.B., Joag, S.V., Adany, I., Pinson, D.M., Li, Z., Jia, F., Sahni, M., **Wang, C.**, Leung, K., Foresman, L. And Narayan, O., "Neuropathogenesis of Chimeric Simian/Human Immunodeficiency Virus Infection in Pig-tailed and Rhesus Macaques," *Brain Pathology*, **7**: 1-11, 1997.
15. Joag, S.V., Li, Z., Foresman, L., Pinson, D.M., Raghavan, R., Zhuge, W., Adany, I., **Wang, C.**, Jia, F., Sheffer, D., Ranchalis, J., Watson, A. And Narayan, O., "Characterization of the Pathogenic KU-SHIV Model of Acquired Immunodeficiency Syndrome in Macaques," *AIDS Res. Hum. Retroviruses*. **13**: 635-645, 1997.
16. Joag, S.V., Adany, I., Li, Z., Foresman, L., Pinson, D.M., **Wang, C.**, Stephens, E.B., Raghavan, R. and Narayan, O, "Animal Model of Mucosally Transmitted Human Immunodeficiency Virus Type I Disease: Intravaginal and Oral Deposition of Simian/Human Immunodeficiency Virus in Macaques Results in Systemic Infection, Elimination Of CD4+ T cells and AIDS," *J. Virol.* **71**: 4016-4023, 1997.
17. **Wang, C.**, "Mechanism of the Anticarcinogenic Effect of Rotenone in Male B6C3F1 Mice", M.S. Thesis, University of Missouri-Kansas City, Kansas City, MO, 1996.

TEACHING

Resident Lecture

- Normal EEG
- Vagus Nerve Stimulator
- EEG in coma
- C-spine disease
- Neurophysiology Review
- Brain death
- Coma assesement
- Multiple sclerosis and related demyelinating diseases

Medicine Chief Round

Status epilepticus & Partial Seizure Cases 5/10/10

Community Conference

Epilepsy Meeting EFNJ South Jersey

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ADMINISTRATION

Organize grand round at CUH: 7/2013-current