



JIANZHOU WANG, MD, PHD

Pathologist



Cascade Pathology Services is privileged to include Jianzhou Wang, M.D., Ph.D., as a member of our medical staff. Serving Cascade since 2007, Dr. Wang has extensive hospital and research experience with an impressive academic and teaching background.

He graduated with a degree in Medicine from Peking Union Medical College in Beijing, China. He then completed his Ph.D. in Molecular Genetics and

Biochemistry (with honors) at the same institution. His thesis focused on the role of sodium channel in human genetic disease.

Dr. Wang completed post-doctoral research appointments with the Department of Pharmacology at the Institute of Medicinal Biotechnology at the Chinese Academy of Medical Science (1987-1989) and then with the Department of Molecular Genetics and Biochemistry at the University of Pittsburgh School of Medicine (1993-1995).

He completed his Residency in Pathology at the University of Pittsburgh School of Medicine in Pennsylvania (1995-1999). He served as Chief Resident during his residency (1998-1999).

Dr. Wang went on to complete a Fellowship in Surgical Pathology at Pittsburgh Children's Hospital (1999-2000) followed by a Fellowship in Surgical Pathology with a Breast Subspecialty at M.D. Anderson Cancer Center, University of Texas.

He holds full medical licensure in the states of Washington and Oregon and is board certified by the American Board of Pathology in Anatomic and Clinical Pathology.

EDUCATION

Peking Union Medical College (MD)
Beijing, China

University of Pittsburgh (PhD)
Pittsburgh, PA

POSTGRADUATE TRAINING

Anatomic & Clinical Pathology Residency
(Chief Resident)
University of Pittsburgh Medical Center
Pittsburgh, PA

Surgical Pathology Fellowship
University of Pittsburgh Children Hospital
Pittsburgh, PA

Breast Pathology Fellowship
MD Anderson Cancer Center
Houston, TX

Molecular Genetics Fellowship
University of Pittsburgh
Pittsburgh, PA

BOARD CERTIFICATIONS

Anatomic & Clinical Pathology

Dr. Wang is a member of five medical professional associations, including the American Society for Clinical Pathology and the Society of Pediatric Pathology.

He has been the recipient of a number of prestigious awards and honors throughout his career including Best Doctors in Louisiana, Faculty Research Awards, and numerous fellowships and honors lists.

Dr. Wang has authored and coauthored 32 peer-reviewed medical manuscripts and over 27 additional case studies, abstracts and book chapters. He has also been an invited speaker and lecturer to numerous workshops and conferences and scholarly meetings.

His research interests include Surgical Oncologic Pathology, Pediatric Pathology, Breast Pathology, Biomarkers in Breast Cancer, Transplantation Pathology, and the Application of IHC Markers in Surgical Oncologic Pathology.

(See the following pages for a sampling of published works.)

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Pathologist

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- Baquero JL, Ayala RA, **Wang J**, Curless G, Feero GW, Hoffman EP, and Ebeid G (1995). Hyperkalemic periodic paralysis with cardiac dysrhythmia: A novel sodium channel mutation? *Ann. Neurol.* 37: 408-411.
- **Wang J**, Prgoraro E, Gennarelli M, Angelini C, Hoop RC, and Hoffman EP (1995). Myotonic Dystrophy: Evidence for a possible dominant-negative RNA mutation. *Hum. Mol. Genet.* 4: 599-606.
- **Wang J**, Dubowitz V, Lehmann-Horn F, Ptacek L, and Hoffman EP (1995). In vivo sodium channel structure/function studies: Consecutive Arg1448 changes to Cys, His and Pro at extracellular surface of IVS4. *Ion Channels and Genetic Disease* 50: 77-88.
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- **Wang J**, Atchison R, Walpusk J, and Jaffe R (2001). Echovirus hepatic failure in infancy: A viral mediated endothelial injury mechanism? A report of four cases and review of literature. *Pediatric and Developmental Pathology* 4:454-460

- **Wang J**, Buchholz T, Middleton LP, Allred C, Tucker S, Kuerer H, Esteva FJ, and Sabin A (2002). Assessment of histologic features and expression of biomarkers in predicting response to anthracycline-based neoadjuvant chemotherapy in patients with locally advanced breast cancer. *Cancer* 94:3107-3014.
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