

## CURRICULUM VITAE



**HONG MENG, MD**

### CONTACT

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### BOARD CERTIFICATION

American Board of Radiology 2001

### PROFESSIONAL SOCIETIES

American College of Radiology  
Radiologic Society of North America  
Long Island Radiologic Society  
Suffolk County Medical Society

**ZWANGER-PESIRI**  
**RADIOLOGY**

### EMPLOYMENT

<b>Zwanger-Pesiri Radiology</b> Body Imaging	<b>10/2007-Present</b>
<b>SUNY at Stony Brook</b> Stony Brook, NY Clinical Assistant Professor Department of Radiology	<b>7/2002-9/2007</b>
<b>SUNY at Stony Brook</b> Stony Brook, NY Dept of Medicine & Dermatology Research Scientist	<b>7/1992-6/1996</b>
<b>Medical College of Virginia</b> Richmond, VA Department of Physiology Postdoctoral Fellow	<b>8/1989-6/1992</b>
<b>Chinese Academy of Medical Sciences</b> Beijing, China Research Assistant	<b>7/1988-8/1989</b>

### POST GRADUATE TRAINING

<b>MRI Fellowship</b> SUNY at Stony Brook Stony Brook, NY	<b>7/2001-6/2002</b>
<b>Radiology Residency</b> SUNY at Stony Brook Stony Brook, NY Department of Radiology	<b>7/1997-6/2001</b>
<b>Internship</b> SUNY at Stony Brook Stony Brook, NY Department of Medicine	<b>7/1996-6/1997</b>
<b>Medical Residency</b> Longfu Hospital, Beijing, China Department of Medicine	<b>8/1984-7/1985</b>

### EDUCATION

<b>Doctor of Medicine</b> Beijing Medical University, Beijing, China	<b>1984</b>
<b>Master of Medicine</b> Chinese Academy of Medical Sciences & Peking Union Medical College Beijing, China	<b>1988</b>

### RESEARCH *Clinical Trials*

Principal Investigator, **Multicenter, open-label Magnevist®**

## RESEARCH *Clinical Trials*

**Injection Magnetic Resonance Angiography (MRA) Clinical Study** (Berlex) 2004-2005

Principal Investigator, **Randomized Evaluation of Short-Term Rifalazil Treatment on Carotid Atherosclerosis and Intima Media Thickness (RESTORE-IT) Using High Resolution 3T MRI** (ActivBiotics) 2007

## PUBLICATIONS

1. Matthews, R., T. Bench, H. Meng, D. Franceschi, N. Relan, D. Brown. **Diagnosis and monitoring of cardiac sarcoidosis with delayed-enhanced MRI and 18F-FDG PET-CT.** J Nucl Cardiol 2012;19:807-10.
2. Goldman, M., R. Matthews, H. Meng, T. Bilfinger, S. Kort. **Evaluation of Cardiac Involvement with Mediastinal Lymphoma: The Role of Innovative Integrated Cardiovascular Imaging Echocardiography,** 2012; E1-E4.
3. Su, H., E. Gould, J. Penna, and H. Meng. **A Rare Manifestation of Pigmented Villonodular Synovitis of the Elbow in a Child.** RCR (online) 3:156, 2008.
4. Meng, H. and J. Rehman. **Dynamic MR imaging of Pelvic Organ Prolapse.** Radiology Letter. Stony Brook University, 2007.
5. Meng, H., T. Biancaniello, P. Morrelli, R. Balluz. **Cardiovascular Magnetic Resonance Imaging: Clinical Applications in Pediatric Cardiology Radiology Letter.** Stony Brook University, 2006.
6. Meng, H., S. McVicker. **Time-Resolved CeMRA: A New Technique for Dynamic Imaging of the Vasculature.** Radiology Letter. Stony Brook University, 2005.
7. Meng, H. S. Decamp and S. McVicker. **Cardiac MRI.** Radiology Letter. Stony Brook University, 2005.
8. Li, L, Z Wang, X. Li, X. Wei, A. Adler, W. Huang, S. Rizvi, H. Meng, D. P. Harrington, Z. Liang. **A new partial volume segmentation approach to extract bladder wall for computer aided detection in virtual cystoscopy.** SPIE Medical Imaging. 5369: 199-206, 2004.
9. **Body MRI Enhances Expert Care at Stony Brook.** Meng, H Radiology Letter. Stony Brook University, 2004.
10. Blair, R.J, H. Meng, J.M. Marchese, S. Ren, L.B. Schwartz, M.G. Tonnesen, B.L. Gruber. **Human mast cells stimulate vascular tube formation. Tryptase is a novel, potent angiogenic factor.** J Clin Invest 99(11). 2691-2700, 1997
11. Dutta, A., L. Wang, H. Meng, R. N. Pittman, and A.S. Popel. **Oxygen tension profiles in isolated hamster retractor muscle at different temperatures.** Microvasc Res 51:288-302, 1996.
12. Meng, H., M.G. Tonnesen, M.J. Marchese, R.A.F. Clark, W.F. Bahou, and B.L. Gruber. **Mast cells are potent regulators of endothelial cell adhesion molecules ICAM-1 and VCAM-1.** J Cell Physiol 165(1):40-53, 1995.
13. Meng, H., M.J. Marchese, J. Gailit, J. A. Garlick, R.A.F. Clark, J. Korn, and B.L. Gruber. **Mast cells induce T-cell adhesion to human fibroblasts by regulating ICAM-1 and VCAM-1 expression.** J Invest Derm 105(6):789-796, 1995.
14. Meng, H., T.B. Bentley and R.N. Pittman. **Myoglobin: quantitative determination and its importance to oxygen transport.** J Appl Physiol 74(5):2194-2197, 1993.
15. BENTLEY, T.B., H. Meng and R.N. Pittman. **Temperature dependence of oxygen diffusion and consumption in mammalian striated muscle.** Am J Physiol 264(33):H1825-H1830, 1993.
17. Khandelwal, S.R., R.S. Randad, P.S. Lin, H. Meng, R.N.Pittman, H.A. Kontos, S.C.Choi, D.J. Abraham, and R.Schmidt-Ullrich. **Enhanced tissue oxygenation in vivo by allosteric inhibitors of hemoglobin saturation.** Am J Physiol 265(34):H1450-H1453, 1993.

## PUBLICATIONS (cont'd)

18. Meng, H., T.B. Bentley and R.N. Pittman. **Oxygen diffusion in hamster striated muscle: comparison of in vitro and near in vivo conditions.** Am J Physiol 263(32):H35-H39,1992.

## PRESENTATIONS

1. Wang, L., E. Koss, K. Rapelje, S. Kampfer, H. Meng, N. Reichel, J. Levin, K. Madhavi, J.J. Cao. **Excellent Negative Predictive Value of Pulmonary Vein CT Angiogram in Detecting Left Atrial Appendage Stasis and Thrombus in a Large Clinical Cohort.** Circulation 130: A18180, 2014
2. Kort, S, S. Mamidipally, H. Meng, E. Gupta. **Is Right Atrial Minor Axis The Best Estimate of Right Atrial Size? Correlation of Echo with Cardiac MRI.** American Society of Echocardiography 18th Annual Scientific Sessions 2007
3. Denbow, N, E. Gould, H. Cohen, H. Meng. **Wood splinter in palmar subcutaneous tissues of the left index finger.** Case-in-Point, ACR, 2007
4. Mark, R, H. Meng, and E. Gould. **Cardiac angiosarcoma.** Case-in-Point, ACR 2006
5. Mark, R, E. Gould, and H. Meng. **Osgood-Schlatter's Disease.** Case-in-Point, ACR 2006
6. Fields, J., H. Meng, and E. Gould. **Uterine Lipoleimyoma.** Case-in-Point, ACR 2006
7. Fields, J., E. Gould and H. Meng. **Arm lymphangiomatosis.** Case-in-Point, ACR 2006
8. D. E. Rivadeneira, H. Meng, and M. Karpeh. **Mirizzi Syndrome: Evaluation with magnetic resonance cholangiopancreatography.** Society of American Gastrointestinal Endoscopic Surgeons Society-Poster Presentation, Denver, CO, April, 2004
9. Meng, H., M.J. Marchese, J. Gailit, R.A. Clark and B.L. Gruber. **Mast cells potentiate fibroblast adhesion molecule expression.** Exp Bio 94 (FASEB), Anaheim, CA, 1994
10. Meng, H., M.J. Marchese, and B.L. Gruber. **Mast cells regulate endothelial cell adhesion molecule expression.** J Cell Biochem (1994 Keystone Symposium on Molecular and Cellular Biology), (Suppl.V)18A:297, 1994
11. Meng, H. and R.N. Pittman. **PO2 profiles in hamster retractor muscle measured with oxygen microelectrode.** 76th Annual Meeting of FASEB, Anaheim, CA, 1992
12. Meng, H., T.B. Bentley and R.N. Pittman. **Myoglobin concentration in hamster striated muscles.** Fifth World Congress for Microcirculation, Louisville, KY, 1991
13. Zheng, L, L. Wang and H. Meng. **A new spherical preparation of hamster cheek pouch for intravital microscopy.** Fifth World Congress for Microcirculation, Louisville, KY, 1991
14. Meng, H. and R.N. Pittman. **Oxygen diffusion across hamster retractor muscle after blood occlusion.** 37th Annual Conference of The Microcirculatory Society, Washington DC, 1990
15. BENTLEY, T.B., H. Meng and R.N. Pittman. **Influence of temperature on the oxygen diffusion in hamster retractor muscle.** Physiologist 33(4):99, 1990
16. Meng, H. **Microcirculatory study of anti-angiogenesis in tumor.** Medical Almanac of CAMS & PUMC p66, 1989
17. Meng, H., L. Wang, L. Zheng X. Wang and R.J. Xiu. **Effects of Resvive Flow on the microcirculation of hemorrhagic shock rat.** Satellite Conference of 4th World Congress for Microcirculation, Beijing, China, 1987

## PRESENTATIONS

### *Invited Grand Rounds*

**Magnetic Resonance Imaging of Female Pelvic Organ Prolapse.**

Department of Urology, SUNY at Stony Brook, 8/2007

**Clinical Application of Cardiovascular Magnetic Resonance Imaging.** Brookhaven Memorial Hospital Medical Center, 2/2006

**Cardiovascular Magnetic Resonance Imaging.** Division of Cardiology, SUNY at Stony Brook, 4/2005