

CURRICULUM VITAE



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CONTACT

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BOARD CERTIFICATION

American Board of Radiology

ZWANGER-PESIRI
RADIOLOGY

EMPLOYMENT

Zwanger-Pesiri Radiology 7/2015-Present
Body Imaging & Intervention

POST GRADUATE TRAINING

Body Imaging & Interventional Fellowship 7/2014-6/2015
Duke University Radiology, Durham, NC

Radiology Internship 7/2010-6/2014
Stony Brook University Teaching Hospital
Stony Brook, NY

Transitional Year Rotating Internship 5/2009-6/2010
Wilson Memorial Hospital
Binghamton, NY

EDUCATION

Doctor of Medicine (Distinction Research) 8/2005-5/2009
Albany Medical College, Albany, NY

Bachelor of Science 8/2002-5/2006
(Biochemistry/Biophysics & Biology-BCBP)
summa cum laude
Rensselaer Polytech Institute, Troy, NY

RESEARCH

Current Methods of Monitoring Radiation Exposure from CT.
Ronak Talati, Jared Dunkin, Shrujal Parikh, William Moore.
Journal of the American College of Radiology: JACR.
Accepted - 3/4/2013.
REF: JACR_JACR-D-13-00030.

Irreversible electroporation of lung neoplasm: a case series.
Mumal Usman, William Moore, Ronak Talati, Kevin Watkins,
Thomas V Bilfinger. Medical science monitor: international
medical journal of experimental and clinical research.
6/2012; 18(6):CS43-7.

Organizing RadLex lexicon for efficient retrieval of radiology documents. I. V. Ramakrishnan, J. J. Tithi, A. Bagate, V. Khot, F. Ahmed, D. Harrington, R. Talati. ACM SIGHIT Record archive. Volume 2 Issue 1, March 2012. Pgs 26-26.

American College of Radiology - Case in Point. 9/7/2012.
Reverse Intestinal Malrotation. Pediatric Radiology.
Talati R, Balsam, D.

A mathematical model for timing the release from sequestration and the resultant Brownian migration of SeqA clusters in E. coli. Drew DA, Koch GA, Hitchcock S, Kowalski J, Talati R, Valakh V.
Bull Math Biol. 2011 Jun;73(6):1271-91. Epub 2010 Jul 17.

RESEARCH

GRANT: American Medical Association Seed Grant Recipient, 2006

Development of Automated Technology to Measure Sub-Cellular LDL Organization.

PATENT: M. Barroso and R. Talati. U.S. Patent Application Serial No 12/026,413 entitled "**FRET-Based Assay For Screening Modulators Of Receptor Cycling**", 02/05/2008.

PATENT: R. Talati and M. Barroso. U.S. Patent Application Serial No. 11/769,036 entitled "**Methods And Apparatuses For Analyzing Digital Images To Automatically Select Regions Of Interest Thereof**", 06/27/2007.

PRESENTATIONS:

Chest HRCT Signs and Patterns: A Pictorial Essay. Talati, Ronak, ChooWon Kim, Chaudry Ammar, Shroyer Robert, Perone Robert. STR meeting 2012.

Classic Radiographic Signs of Atelectasis: A Pictorial Essay. Perone Robert, ChooWon Kim, Talati Ronak, Chaudry Ammar, Shroyer Robert. STR meeting 2012.

Classic Chest Radiographic Localization Signs: A Teaching File. Perone Robert, ChooWon Kim, Talati Ronak, Chaudry Ammar, Shroyer Robert. STR meeting 2012.

Automated FRET-Based Assay for the Sub-Cellular Organization of LDL. Mentor – M. Barroso, MDDR Thesis - Center for Cardiovascular Sciences Albany Medical College 2008.

R. Talati & Barroso, M. 2008. **Nanoimaging of cholesterol transport.** 2008. Microscopic Image Analysis with Applications in Biology (MIAAB), Third MICCAI Workshop, New York, NY.

Talati, R., Wallrabe, H., Chen, Y., Periasamy, A. and Barroso, M. 2007. **FRET-based Assay Measures the Organization of LDL-LDL-R Complexes during LDL Trafficking.** Experimental Biology Annual Meeting 2007, Washington, D.C.

Wallrabe, H., Periasamy, A., Talati, R., Kim, C. and Barroso, M. 2006. **Confocal FRET and FLIM to characterize the distribution of transferrin-receptors in membranes.** Proc. SPIE, 6089:24-32.

HONORS & AWARDS

Alpha Omega Alpha Medical Honor Society 2009

Mary F. Carroll Memorial Scholarship, Albany Medical College 2005-2009

Deans Scholarship (4.0 Award) Rensselaer Polytechnic Institute 2002-2006

Second Place, Tech Valley Entrepreneurship Business Plan Competition, "Web-based online documents"

National Finalist, National Alliance for Excellence Academic Scholarship 2003

High Honors, United States National Chemistry Olympiad 2001

National Merit Scholarship Competition, Commended Scholar 2001 Second Place. System for Monitoring and measuring cumulative patient radiation dose from imaging. Stony Brook Research Poster presentation. 3/2012

First Place, Medical Student Research Day, Poster Presentation 2006 Deans Award for Research, Albany Medical College. 2005

Second Place, Medical Student Research Day, Poster Presentation 2005