

Waqar Rizvi

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(347) 210-0199

EDUCATION:

Ph.D. Candidate

Current

The Graduate Center of the City University of NY - New York, NY

Master of Philosophy (M. Phil)

May 2015

The Graduate Center of the City University of NY - New York, NY

B.A., Bioinformatics; concentration in Biochemistry and Psychology

2011

Hunter College of the City University of New York - New York, NY

PROFESSIONAL APPOINTMENTS:

Hunter College (CUNY) New York, NY

Aug 2013 - Current

Teaching Assistant (General Chemistry & Quantitative Analysis)

First Academy - Little Neck, NY

Jan 2014 - Current

AP/SAT Teacher / Private Tutor

SKILLS:

- Organic Synthesis, Chromatography, Dialysis, Soxhlet extraction, Invivo studies of theranostic dyes. NMR spectroscopy, UV-Visible spectroscopy, Fluorescence spectroscopy, Fluorescence Microscopy, Fluorescence plate reader, Dynamic light scattering (DLS), Colorimeter, pH meter, IR, MALDI-MS, GC-MS, High pressure liquid Chromatography (HPLC).
- Attention to details, aptitude for problem solving and teamwork
- Strong verbal and written communication skills
- Multilingual: Fluent in English, Hindi, Punjabi and Urdu

VOLUNTEER:

WINTHROP UNIVERSITY HOSPITAL - Mineola, NY

May 2008 – Aug 2009

Volunteer in Emergency Room

Earned -Volunteer Services Appreciation Award

PROFESSIONAL ORGANIZATIONS:

Member, American Chemical Society

Member, American Association of Advancement of Sciences

PUBLICATIONS:

W. Rizvi, C. M. Drain, P. Moy, M. J. Jurow, Comprehensive Organic Chemistry Experiments for the Laboratory Classroom 2016 (in press) "Preparation and characterization of free base and tetraphenyl metalloporphyrin";

Bhupathiraju, N. V. S. D. K.; Rizvi, W.; Batteas, J. D.; Drain, C. M. Fluorinated porphyrinoids as efficient platforms for new photonic materials, sensors, and therapeutics. *Org. biomol. chem.* 2016, 14, 389-408.

Nia, Shabnam, Xianchang Gong, Charles M. Drain, Matthew Jurow, Waqar Rizvi, and Meroz Qureshy. "Solvent-free Synthesis of Meso- Tetraarylporphyrins in Air: Product Diversity and Yield Optimization." *Journal of Porphyrins and Phthalocyanines (JPP)* 14.7 (2010): 621-29.

PRESENTATIONS:

Rizvi, W., Drain, C.M. Synthesis of Phthalocyanine Derivative with Near IR Absorption for Materials and Biomedical Applications. 250th ACS National Meeting & Exposition, Boston, MA, United States, August 16-20, 2015 (2015), ORGN-19.

JOURNAL COVERS:

Bhupathiraju, N. V. S. D. K.; Rizvi, W.; Batteas, J. D.; Drain, C. M. Fluorinated porphyrinoids as efficient platforms for new photonic materials, sensors, and therapeutics. *Org. biomol. chem.* 2016, 14, 389-408.

References:

Available upon request