

RESUME

Sita Subbaram, Ph.D.

CONTACT INFORMATION:

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CURRENT POSITION:

Assistant Professor, Department of Surgery, Albany Medical College, Albany, NY

EDUCATION:

- 1994 B.S. in Zoology, Botany and Chemistry (Honors), M.S. University, Baroda, India.
- 1997 M.S. in Microbiology, M.S. University, Baroda, India.
- 2005 M.S. in Immunology and Microbial Disease from Albany Medical College, Albany, NY, U.S.A
- 2008 Ph.D. in Redox Biology and Cancer from Center for Immunology and Microbial Disease, Albany Medical College, Albany, NY, U.S.A

RESEARCH & PROFESSIONAL APPOINTMENTS:

- 1997-1998 Research Scientist, Sun Pharma, Baroda, Gujarat, India.
- 1998-2001 Research Scientist, Alembic Pharmaceuticals, Baroda, Gujarat, India.
- 2008-2016 Postdoctoral Fellow, Center for Cell Biology & Cancer Research, Albany Medical College, Albany, NY.
- 2016-2018 Instructor, Department of Surgery, Albany Medical College, Albany, NY.
- 2018-present Assistant Professor, Albany Medical College, Albany, NY

PROFESSIONAL ASSOCIATIONS:

American Society for Biochemistry and Molecular Biology (ASBMB)
American Association for Cancer Research (AACR)
Faculty of 1000 Contributor and Associate Faculty Member

HONORS & AWARDS:

- 1994 B.S. awarded with Distinction in University ranking
- 1997 M.S. awarded with Distinction in University ranking.
- 2001 Undergraduate Achievement Award, Center for Immunology and Microbial Disease, Albany Medical College

- 2006 Travel Award, Experimental Biology 2006, San Francisco, CA
- 2006 Travel Award, Society for Free Radical Biology and Medicine, Denver, CO
- 2008 Dean's Certificate and Award in Recognition of Excellence in Research, Albany Medical College.
- 2008 The Richard Miller Alumni Award for Outstanding Research Presentations, Albany Medical College.
- 2008 The Dean's Certificate and The Frank C. Ferguson, Jr. Award for Excellence in the Quality of Science
- 2008 Travel Award, and Oral Presentation, Society for Free Radical Biology and Medicine, Indianapolis, IN.
- 2012 Best Poster Award, Nanotechnology in Cancer Research and Treatment Meeting, Albany, NY

TEACHING & MENTORING:

- I have played a major role in developing and running the *Summer Research Program* for undergraduates and high school students for the past three years. I was the primary instructor of the program that ran for 8 weeks during July and August in 2020, 2018, 2017 and 2016. This program includes:

Laboratory research activities: Students receive intensive instruction and mentoring in “bench research”, including good laboratory practices, maintaining a laboratory notebook, and carrying out widely used methods and state-of-the-art approaches in biomedical research such as PCR, western blotting, cloning etc.

Enrichment Activities: This part of the program includes: “Meet-the-Researcher” Sessions, where students get the opportunity to meet with a senior scientist or faculty member to discuss scientific questions and career opportunities in the biomedical sciences; Journal Clubs, where students attend a round table-style discussion of a scientific research article, develop critical skills in evaluating the primary literature, and learn about current topics in biomedical research; Research Seminars, where students attend Departmental or Institutional seminars from distinguished speakers who are invited from local and national institutions, covering wide-ranging topics in biomedical research and advanced biomedical technologies.

Online Seminars: Due to the current pandemic, the 2020 summer research program has transitioned to a virtual one with sessions that cover a range of scientific topics that are central to an understanding of biomedical research and its impact on our society. These sessions help students develop essential laboratory skills, oral and written communication skills, and interpersonal skills to enhance their competitiveness as they pursue an education and career in science

- I have mentored 7 students during my postdoctoral training (2008-2016), which include undergraduates, MDDR, Medical and Ph.D. candidates. I was primary responsible in directing their research projects and guiding them in overcoming any potential hurdles in lab experiments.
- I mentored 6 students during graduate school (2002-2008) towards completion of their assigned laboratory projects, that included mainly undergraduate students.

COURSES TAUGHT:

Journal Club, CBCR502 (1 credit) Organizer and Instructor, January 2011-2015 (during spring and fall semesters).

Lectures in RNA processing and function in **Molecular and Cell Biology Course, BMS500**, School of Public Health, SUNY, Albany, NY. Nov 2013, 3 contact hours.

Lectures on Metastatic Niche and Invasion in **Cellular Signaling and Nanotechnology Applications, NNSE647**, College of Nanoscience and Engineering, SUNY, Albany. April 2013 and 2014, 2 contact hours.

Small Group Session in Molecular and Cellular Biology and Genetics theme for 1st year Medical Students, August 2017 and 2018.

Undergraduate Biochemistry at Albany College of Pharmacy and Health Sciences, **CHE-311**, August- December 2019; 3 Credit hours

ACADEMIC SERVICES & COMMITTEES:

Albany Medical College, Center Graduate Student Representative (2002-2003).

Albany Medical College, Student Council (2003-2004).

Judge, Graduate Student Research Day, 2010 and 2011

COMMUNITY SERVICE:

PTA Treasurer (2019-2020), New Scotland Elementary School

PTA President (2016-2017), New Scotland Elementary School.

PTA Vice-President (2015-2016), New Scotland Elementary School.

PTA Secretary (2014-2015), New Scotland Elementary School.

Grade Configuration subcommittee (2014-2015), Albany City School District.

After-school Science Club Organizer, New Scotland Elementary School

Volunteer, Leukemia and Lymphoma Society.

National Little League Board member (2018-2019)

PTA member of New Scotland Elementary School and Albany High School (2020)