


Title	Dr.	First Name	SHALINI	Last Name	SWAMI	Photograph
Designation		Assistant Professor (Adhoc)				
Address		<b>Ram Lal Anand College,</b> <b>Benito Jaurez Road</b> <b>South Campus, University of Delhi</b> <b>New Delhi-110021</b> <b>India</b>				
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Educational Qualifications						
Degree	Institution			Year		
B.Sc. (ZBC)	MJP ROHILKHAND UNIVERSITY, BAREILLY			2004		
M.Sc. (Microbiology)	GURUKUL KANGRI UNIVERSITY, HARIDWAR			2006		
M.Phil (Biotechnology)	JAIPUR NATIONAL UNIVERSITY, JAIPUR			2010		
PhD. (Microbiology)	UNIVERSITY OF MANCHESTER, UNITED KINGDOM			2015		
Career Profile						
<p><b>Assistant Professor, Adhoc (Department of Microbiology), Ram Lal Anand College, South Campus, Delhi University, 2018-till date.</b></p> <p><b>Research associate (Department of Chemistry), North campus, Delhi University, New Delhi, 2017</b></p> <p><b>Postdoctorate fellow (Department of biology), Texas Agriculture and Mechanical University, Texas, USA, 2016.</b></p> <p><b>Teaching Assistant, Faculty of Life Science, University of Manchester, Manchester, United Kingdom, 2012-2014.</b></p> <p><b>Teaching Assistant, National Science Week, Faculty of Life Science, University of Manchester, University of Manchester, United Kingdom, 2013.</b></p>						
Administrative Assignments						
<p><b>Member- Admission Committee (Department of Microbiology), Ram Lal Anand College, South campus, Delhi University (June-August, 2018).</b></p> <p><b>Micro-lecturer Officer, Faculty of Life Science, University of Manchester, United Kingdom, 2012.</b></p> <p><b>Tester of Research Development Frame(RDF), Planner Created by Vitae, University of Manchester, United Kingdom, 2013</b></p>						

Areas of Interest / Specialization
Applied Microbiology, Biochemistry and Structural Biology
Subjects Taught
<b>Virology, Advances in Microbiology, Cell Biology, Bacteriology and Biochemistry</b>
Research Guidance
Publications Profile
<p><b>Jude Chenge<sup>1</sup>, Duyete Van Li<sup>1</sup>, Shalini Swami<sup>1</sup> and Andrew W. Munro.</b> Structural characterization and ligand/inhibitor identification provide functional insights into the Mycobacterium tuberculosis cytochrome P450 CYP126A1. Journal of Biological chemistry, January, 2017</p> <p><b>Shalini Swami<sup>1</sup>, Mayank Rawat, Ragini Gupta:</b> Bacteriophage lambda Adsorption inhibition by polyclonal antibodies against lamb protein Antigen of <i>E.coli</i>. Vet. Practioner Vol 7 No. 2 Dec, 2006.</p> <p><b>Shalini Swami<sup>1</sup>, Navrinder Kaur<sup>2</sup>, Umesh Kumar<sup>3</sup> and Ramesh Chandra:</b> Mechanism of action of anti-tubercular drugs: A systemic review. Archivos de Bronconeumologia. Submitted.</p> <p><b>Abstract titled Swami, S. et al.,</b> Structural and biochemical studies of CYP143A1 from the human pathogen <i>Mycobacterium tuberculosis</i> published in 18th International conference on Cytochrome P450, 2013 held in Seattle, Washington United States of America.</p> <p><b>Abstract titled Swami, S. et al.,</b> Structural and biochemical characterization of CYP126A1 from the human pathogen <i>Mycobacterium tuberculosis</i> published in <b>Tuberculosis 2012</b>, conference held in September in Institute Pasteur, Paris, France.</p> <p><b>Abstract titled Swami, S. et al.,</b> Characterization of CYP126A1 from the human pathogen <i>Mycobacterium tuberculosis</i> published in 17<sup>th</sup> International conference on Cytochrome P450 in June 2011, Manchester, U.K.</p>

Conference Organization/ Presentations (in the last three years)

**Royal Society of Chemistry roadshow** one day symposium held on 13<sup>th</sup> November, 2017 in Department of Chemistry, University of Delhi, New Delhi.

**18<sup>th</sup> International conference on Cytochrome P450** in June, 2013 in University of Washington, Seattle, USA. Presented a poster.

Participated in **PhD. Research Conference** organized by University of Manchester, UK in 2013.

Presented a poster in International Ph.D. symposium held in University of Manchester 2012, U.K.

Participated in Poster presentation in **Tuberculosis 2012**, conference held on September 11-15 in Institute Pasteur, Paris, France.

Presented a Poster in an International seminar on “**Biocatalysis and Protein Engineering**” held in May, 2012 in Manchester Institute of Biotechnology, University of Manchester (UK).

Participated in poster presentation in **PhD research conference**, May 2012, **faculty of Life sciences**, University of Manchester.

**17<sup>th</sup> International conference on Cytochrome P450** in June, 2011 in Manchester. Presented a poster.

National seminar on “**New Biology and Plant Engineering**” at December, 2009 School of Life Sciences, Jaipur National University, Jaipur

National seminar on “**Biotechnology in sustainable Agriculture and Environmental**

**management”** held in November, 2008 at Department of Botany, University of Rajasthan.

Participated in Poster presentation (Life Sciences) held in October, 2008 Tech Kriti at SADTM campus, Jaipur National University, Jaipur.

#### Research Projects (Major Grants/Research Collaboration)

University of Manchester project entitled “Structure and biochemistry of drug target cytochrome P450 CYP126A1 and CYP143A1 from human pathogen *Mycobacterium tuberculosis*” in collaboration with Prof, Chris Abell, Department of Chemistry, University of Cambridge, United Kingdom and Department of Chemistry, University of Berlin, Germany.

#### Awards and Distinctions

Awardee of *National Overseas Scholarship* from Ministry of Social Justice and Empowerment, Government of India, New Delhi, (2011-2015)

#### Association With Professional Bodies

Member of Biochemical Society Journal, United Kingdom, Since, 2013.

Member of American Crystallography Association, USA, Since, 2013.

#### Other Activities

Participated in **Biotech- Yes** competition, 2013 organised by University of Nottingham, UK.

Participated in **NMR workshop** (NMR facility Manchester) organized by University Of Manchester in 2013.

Worked as a representative member in Grosvenor Hall of Residence (University of Manchester), United Kingdom.

A handwritten signature in black ink on a light background. The signature is written in a cursive style and appears to read "Chalwa Qani". There are several small dots above the letters, possibly indicating a specific style or a correction. The signature is underlined with a single horizontal line.

Signature of Faculty Member