

# SANTOSH D. BHOSALE

I do mass spectrometry based proteomics research, including discovery and validation of protein biomarkers in clinical samples. Collaborations with clinicians, mass spectrometry experts and bioinformaticians.



## EDUCATION

2012-  
2018

**University of Turku (Turku Bioscience)**  
PhD

📍 Turku, Finland

**Thesis:** Serum proteomics to detect early changes in type 1 diabetes and carotid atherosclerosis

2005-  
2009

**Rajasthan University of Health Sciences**  
Masters in Pharmaceutical chemistry

📍 Jodhpur, India

**Thesis:** Identification of new interacting Protein partners of Ibuprofen and Analgin by Proteomics approach



## RESEARCH EXPERIENCE

2023  
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Present

**Associate Biomedical Scientist**

Cedars-Sinai Precision Biomarker Laboratories 📍 Los Angeles, USA

- Research and development operations related to clinical proteomics.
- Presentation of work internally as well as to the clients.

2020  
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2022

**Postdoctoral Researcher**

University of Southern Denmark.

📍 Odense, Denmark

- Development of a post-translational modification (Cysteine, N-linked glycosylated and phospho modified) specific biomarkers discovery platform for the diagnosis of disease
- Analysis of PTMomics data.
- Supervise and work with technician and PhD student as well as work presentaion.

2018  
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2019

**Postdoctoral Researcher**

Turku Bioscience

📍 Turku, Finland

- Serum proteomics measurements for type 1 diabetes and carotid atherosclerosis.
- Cellular proteomics and interactomics experiment.
- Designed and presented practical courses on proteomics data analysis.

2009  
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2011

**Project Assistant**

National Chemical Laboratory

📍 Pune, India

- Proteomics laboratory work including protein extraction, digestion and cleanup, SDS-PAGE, MS analysis of glycated proteins, oligonulceotides and small molecules



## CONTACT INFO

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🐙 [github.com/santoshdbhosale](https://github.com/santoshdbhosale)

in [linkedin.com/santoshdbhosale](https://www.linkedin.com/company/santoshdbhosale)

## SKILLS

Development of proteomics and mass spectrometry workflows.

Proteomics data generation, analysis and visualization using R, Python.

Presentation of work internally as well as to the clients

Reports compilation and manuscript writing

*This resume was made with the R package **pagedown**.*

*Last updated on 2023-06-22.*



## TEACHING EXPERIENCE

2008  
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2009



### Lecturer

JSPMS JSCOPR affiliated to University of Pune

📍 Pune, India

- Taught theory and practicals for pharmaceutical biochemistry and pharmaceutical analysis to the bachelor of pharmacy students
- Supervised undergraduate pharmacy students