



# Mr. Mali Omkar Rajendra

I aspire to undertake demanding roles within the healthcare sector to advance my career, unlock my full potential, self-discovery, and whole heartedly dedicate my efforts to serve humanity through an organization.

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## WORK EXPERIENCE/ INTERNSHIP

### Internship-trainee

ICMR- National Institute of Traditional Medicine

01/2023 – 11/2023

Belagavi, Karnataka, India

Working as internship trainee in pharmacology dept. and completed final year thesis work. During internship contributed to various projects, attended seminars, workshop, performed various task and acquired skills

- Handled, reared and maintained zebrafish
- Prepared SOP's, protocols and performed experimental assays using zebrafish model
- Involved in hepatitis B virus project where learnt about handling, dosing, blood collection and terminal procedure of rats
- Studied *in-vitro* genotoxicity using *alium cepa*
- Network Pharmacology (Cytoscape), Gene Enrichment Analysis, Subtractive Genomic approach
- Molecular Docking with multiple ligand approach (AutoDock, Autodock Vina, Schrodinger, PyRx)
- Bacterial DNA isolation, qualitative and quantitative analysis of DNA, PCR, Gel electrophoresis

### Pharmacist

Tanmay Pharma, Genericart Medicine

05/2022 - 08/2022

Belagavi, Karnataka, India

Worked in generic medicine store on part-time basis

- Establish the store
- Create awareness about generic medicine
- Fulfil the requirement of customer
- Purchasing the order, dispensing and billing of medicine.
- Documentation of dispensed medicine.

### Intern

Biotechnika Info Labs Pvt. Ltd

09/2021 - 11/2021

Online Mode

Completed internship training on Molecular Docking in *in-silico* drug discovery domain

- Different database regarding *in-silico* study.
- Software regarding molecular modelling and docking
- Interpretation and presentation of results.

### Trainee

Sant Gajanan Medical's

06/2020 - 07/2020

Mahagaon, Kolhapur, Maharashtra, India

Completed 1-month internship training in community pharmacy domain where learn about

- Different brands of medicine
- Dispensing of medicine
- Management of inward medicine

## EDUCATION

### M. Pharmacy (Pharmacology)

(85.96%; First Class with Distinction)

Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka

12/2021 – 11/2023

Belagavi, Karnataka, India

- Project: Pharmacological Investigation of *Terminalia Chebula* Retz. for Modulatory Effect in Lipid Metabolism on Fructose-induced Non-alcoholic Steatohepatitis Zebrafish

### B. Pharmacy

(75.56%; First Class with Distinction)

Shivaji University, Kolhapur, Maharashtra

08/2017 – 09/2021

Mahagaon, Maharashtra, India

- Project: Application of Analytical Methods Studied in Estimation of Iron Content in Natural Sources.

### HSC

(80.62%; Distinction)

Maharashtra State Board of Secondary and Higher Secondary Board, Pune

06/2015 – 06/2017

Gadhinglaj, Maharashtra, India

### SSC

(91.20%; Distinction)

Maharashtra State Board of Secondary and Higher Secondary Board, Pune

06/2014 – 05/2015

Gadhinglaj, Maharashtra, India

## ACHIEVEMENTS

Best Outgoing Student (09/2023)

Maratha Mandal's College of Pharmacy, Belagavi

Third Prize in Poster Presentation (08/2023)

IPCON International Pharmacology Conference, 2023

*\*Only current achievements mentioned here*

Abstract Acceptance in Symposium (09/2023)

XXIX Symposium on Bioinformatics and Computer-Aided Drug Discovery

Three Times University Runner-up in Chess Competition (2017-2019)

Lead College Scheme Sports Activities, SHIVAJI UNIVERSITY

## CONFERENCES/ WORKSHOPS

Basic Molecular Biology Techniques (08/2023)

Molecular Biology Dept. of ICMR-NITM, Belagavi

IN-SILICO METHODS AND TOOLS FOR DRUG DISCOVERY (02/2023)

KLE College of Pharmacy, Belagavi

*\*Only current conference and workshops mentioned here*

Advances in Pharmaceutical Medicinal Chemistry (2022)

D Y Patil Deemed to be University School of Pharmacy, Navi Mumbai.

5 days of hands-on training on TLC/HPTLC (01/2023 – 02/2023)

by ANCHROM Pvt. Ltd.

## PUBLICATIONS

Research

**Design and characterization of camptothecin gel for treatment of epidermoid carcinoma**

Author(s)

Sunil T Galatage, Aditya S Hebalkar, Raviraj V Gote, **Omkar R Mali**, Suresh G Killedar, Durgacharan A Bhagwat, Vijay M Kumbhar

05 August 2020

Future Journal of Pharmaceutical Sciences

<https://doi.org/10.1186/s43094-020-00066-6>

Review

**Silver nano particles by green synthesis: an overview**

Author(s)

Sunil T Galatage, Aditya S Hebalkar, Raviraj V Gote, **Omkar R Mali**, Suresh G Killedar

2020

Research Journal of Pharmacy and Technology

<http://dx.doi.org/10.5958/0974-360X.2020.00274.7>

## PUBLICATIONS

*Book chapter*

**Silver nanoparticles: properties, synthesis, characterization, applications and future trends**

*Author(s)*

Sunil T Galatage, Aditya S Hebalkar, Shradhey V Dhobale, **Omkar R Mali**, Pranav S Kumbhar, Supriya V Nikade, Suresh G Killedar

*06 August 2021*

Silver Micro-Nanoparticles, IntechOpen

DOI: 10.5772/intechopen.99173

## VOLUNTEER EXPERIENCE

**"Swacchata Hi Seva - Garbage Free India" Shramdaan Cleanliness Drive**

ICMR- National Institute of Traditional Medicine, Belagavi

*10/2023*

**Tree Plantation**

Green Saviours

*10/2023*

## REFERENCES

**Dr. Banappa S. Unger**, Scientist 'E'

"ICMR- National Institute of Traditional Medicine, Belagavi"

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**Dr. Vishnu A. Kangralkar**, Principal

"Maratha Mandal's College of Pharmacy, Belagavi "

Contact : [vishnukangralkar@gmail.com](mailto:vishnukangralkar@gmail.com) - +91-9480315898

**Mr. Sidram Nevade**, Dept. GDSO Manager

"Zydus life science, Vadodara "

Contact : [sidram.nvd@gmail.com](mailto:sidram.nvd@gmail.com) - +91 96894 35791

**Mr. Raghavender M.**, Scientist

"Dr. Reddy's ILS, Hyderabad"

Contact : [raghavenderm@drils.org](mailto:raghavenderm@drils.org) - +91-9177918187

## TECHNICAL/ SOFT SKILLS

- Knowledgeable with Microsoft Word, Excel, PowerPoint
- Quick learner
- Adaptable
- Teamwork
- Leadership Quality
- Problem solving
- Time Management

## LANGUAGES

- Marathi
- Hindi
- English

## DECLARATION

I hereby declare that all the above mentioned details given by me are true to best of my knowledge and belief. All documents in original/attested copy will be produced whenever required.



Place: Gadhinglaj

Mr. Mali Omkar Rajendra