

Curriculum Vitae

Mr. Pravin Kacher Patil

Neha Residency
Kopara, Plot – 110,
Sec-10, Kharghar,
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Objective:

To learn and function effectively in an organization and be able to deliver to the bottom-line, to constantly upgrade my knowledge and skills and make a difference in whatever I do.

EDUCATIONAL QUALIFICATION:

- 1. Executive MBA (Finance) – 71.48 %. ITM Business School Kharghar – July 2019.**
 - 2. CSIR-UGC LECTURESHIP (NET) : LIFE SCIENCES– June 2011.
All India Rank- 35**
 - 3. Master of Science(Zoology) from Institute of Science-Mumbai,University of Mumbai
First class (62.10 %). April 2009**
 - 4. Bachelor of Science (Zoology) from M.P.A.S.C.College, Panvel, University of
Mumbai. First class (75.87 %). March 2007**
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CERTIFICATIONS:

GLP (Good Laboratory Practices) Online Certification course: TECHNOLOGY ED (USA)

PROFESSIONAL EXPERIENCES / WORK EXPERIENCE / RESEARCH EXPERIENCE:

I. CO-FOUNDER & Science Faculty: Jan 2021 till date TALENT CLASSES (Kharghar)

CLASS 8th to 10th STATE BOARD, CBSE, ICSE

Biology Faculty for NEET,.

I. Biology Faculty: June 2019 – June 2020 ACE ACADEMICS (Kharghar)

Biology Faculty for NEET , 11th ,12th , 10th , 9th CBSE, ICSE.

II. Operations Manager: September 2014 – Dec 2016. CEREBRO SCIENTIFIC

Integral part of a startup a in the field of Research and Education. Creating a platform where professionals form different field of sciences can gather and share their knowledge and experiences with the graduates and postgraduate students. Thus popularizing Research or Science itself.

- Successfully organized and conducted Hands on workshop in Molecular biology and Bioinformatics in colleges of Mumbai and Maharashtra.
- Successfully organized and conducted Lecture series in Bioinformatics, Nanotechnology.

III. March 2014 - August 2014: Senior Research Fellow atTata Memorial Centre -ACTREC
(Advanced Centre for Treatment Research and Education in Cancer; Kharghar): Department of Medical Oncology and Department of Immunology.

Job Responsibilities: Managing Clinical and Research aspects of given project- Maintaining patient data, sample collection, sample analysis.

IV. April 2013 - November 2013:Research Officer at Quantimmune Solutions Pvt. Ltd.
(A Subsidiary of Accutest Research Laboratories India Pvt. Ltd.)

Job Responsibilities:

1. Assisted in Development and Establishment of GLP compliant Laboratory.
2. General Lab Management. Handling Instrument installations, Preparing URS (User requirement specifications) and SOP (Standard Operating Procedure) for lab instruments. Conducting required training for the instruments.
3. SPR (Surface Plasmon Resonance) Bioassay development for Biologics.

V. March 2010 - September 2012: Research Fellow atTata Memorial Centre -ACTREC
(Advanced Centre for Treatment Research and Education in Cancer; Kharghar): Department of Medical Oncology and Department of Immunology.

Job Responsibilities: Managing Clinical and Research aspects of given project- Maintaining patient data, sample collection, sample analysis.

Projects worked on :

1. “Pharmacokinetics-pharmacodynamics study assessing the ability of curcumin to decrease cytokines involved in mucositis in the autologous transplant setting,”
 2. Therapeutic drug monitoring of ‘Voriconazole’ in cancer patients by ‘High Performance Liquid Chromatography (HPLC)’ (Department of Clinical Pharmacology)
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Technical skills:

1. SPR- Surface Plasmon Resonance Bioassay development using **BioradProteOn™ XPR36 Surface Plasmon Resonance (SPR) System**. Trained for operation and maintenance of ProteOn™ XPR36 Surface Plasmon Resonance System. Studied interaction between Protein (TNF- α) : Fusion protein (Etanercept) and Antigen(IL-2) : Antibody (Anti IL-2 Ab)

2. HPLC/ UHPLC-Method development and validation of anti-cancer drugs using HPLC/ UHPLC.

HPLC/UHPLC quantification of drugs, like *Voriconazole, Imatinib, Curcumin, Retinoic acid*.

3. ELISA-Cytokine Analysis : Cytokine (viz. PGE2, IFN- γ , TNF- α , IL-1 β , IL-17, IL-6, IL-8, TGF- β) and Immunoglobulin (IgG, IgM) level measurements from various biological samples; including serum, saliva and cell supernatant using **Sandwich and Competitive ELISA**.

4. Well versed with Bioinformatics. Data retrieval from database, sequence alignment and comparison using softwares like BLAST.

5. Well versed with **Cell culture** basics, PCR, RFLP.

6. Protein Biotinylation, Biotin Quantification using HABA assay, Protein Quantification by Bradford assay.

7. Isolation of peripheral blood Lymphocytes with Ficoll-Hypaque Method

8. DNA Extraction

9. Animal Handling

10. Biological sample handling and processing

Extra Curricular Activities:

1. Founding member of '**Wild Explorers (WE)**' formerly known as '**Wildlife Research Rescue And Conservation Club (WRRACC)**' **WWF – India.**
 2. Taking **lectures** and **talks** on wildlife, conservation and many other topics related to life science through club's various activities.
 3. Studying Butterfly taxonomy
 4. Reading scientific journals and magazines.
 5. Trekking, Hiking,
 6. Photography
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Presentations at International conferences :

1. **PravinPatil**, NavinKhattry, JayantGawande, BhausahabBagal, SadhnaKannan, ShubhadaChiplunkar and VikramGota; **Effect of Curcumin on Mucositis and Pro-inflammatory Cytokines in Bone Marrow Transplant: A Pharmacokinetic-Pharmacodynamic Study** SAC-ACCP 6th International Conference on "Innovation in 21st Century: Clinical Pharmacology in current and Future environment" 19th to 22nd April 2013 , Mumbai.
2. NavinKhattry, JayantGawande, **PravinPatil**, BhausahabBagal, SadhnaKannan, ShubhadaChiplunkar and VikramGota; **Curcumin Decreases Cytokines Levels Involved in Mucositis in Autologous Transplant Setting: A Pharmacokinetic-Pharmacodynamic Study** 2012 ASH Annual Meeting and Exposition Georgia World Congress Center, Atlanta, GA. December 8-11, 2012 <https://ash.confex.com/ash/2012/webprogram/Paper53533.html>
3. GautamGoyal, VikramGota, **PravinPatil**, Dileep Kumar Achuta, Libin Mathew, BhausahabBagal, JayantGawande, SadhnaKannan and NavinKhattry; **Utility of Voriconazole Monitoring and Factors Affecting Its Levels in Patients Undergoing Hematopoietic Stem Cell Transplantation. Single Center Experience From India'**

2012 ASH Annual Meeting and Exposition Georgia World Congress Center, Atlanta, GA.
December 8-11, 2012 <https://ash.confex.com/ash/2012/webprogram/Paper51768.html>

4. Vikram Gota, **Pravin Patil**. Amit Joshi, Navin Khattry; **Voriconazole monitoring in a bone marrow transplant setting – a single centre experience**

4th International Conference organized by South Asian Chapter of American College of Clinical Pharmacology (SAC-ACCP) on “Innovations in Translating Technologies through Clinical Pharmacology” (10th, 11th and 12th December 2010) held at Malabar Hills, Mumbai.

Conferences, seminars and workshops attended:

1. **Drug Discovery India 2013**, Bangalore, 27–28 Sep 2013

2. ‘**International Symposium on Stem Cell Biology**’ at ACTREC, TMC, Navi Mumbai.
30th January, 2012.

3. Participated as a Faculty member in the **Basic Course in Flow Cytometry ‘Hands-on Workshop’** organized by **Mumbai Immunology Group (MIG)**; ACTREC, TMC, Navi Mumbai, India. 30th June–1st July 2011.

4. National seminar on “**present scenario of aquatic biodiversity with respect to pollution in India**”, University of Mumbai, M.P.A.S.C. College, Panvel.

5. One-Day Seminar – ‘**Les Fruits De Mer**’ (Fruits of the Sea) Organized in commemoration of sesquicentennial celebrations of University of Mumbai by the Department of Zoology at Mithibai College, Vile-Parle (West), Mumbai-400056. on 18th November 2006.

PERSONAL DETAILS

Name:	Pravin Kacher Patil
Father’s Name:	Kacher Govind Patil
Date of Birth:	22nd Jan 1987
Gender:	Male
Marital Status:	Single
Language known:	English, Marathi and Hindi
E-Mail Id:	pravinat999@gmail.com
Mobile no:	09322312170 / 09987107838

References:

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| 1. Prof. S.V. Chiplunkar
Director & Principal Investigator
ACTREC, TMC
Kharghar, Navi Mumbai-410210
Email; schiplunkar@actrec.gov.in
Tel 91-22-27405032 | 2. Dr. Navin Khattry
Associate Professor
Medical Oncology
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| 3. Dr. Vikram Gota
Assistant Professor
Clinical Pharmacology
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Email; vgota@actrec.gov.in | |
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Declaration:

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

PLACE: MUMBAI
DATE: __-__-2022

PRAVIN KACHER PATIL