

CURRICULUM VITAE

ALAN RAJ

Email ID: alanraj751@gmail.com

PERMANENT ADDRESS

Alan Dale, Rajagiri Road,

Sasthamcotta P.O, Kollam, Kerala

PIN: 690 521

Mob No: +91 7012129113, +91 8281950418



CURRENT ADDRESS

Gala Ariya Apartment

Safal Parisar Road

South Bopal, Ahmedabad, Gujarat

CAREER OBJECTIVE

To be a part of a result-oriented organization with potential for advancement and growth where I could apply my existing knowledge and creativity. Seeking an entry level position in the pharmaceutical sector that encourages continuous learning and creativity providing exposure to new ideas and stimulate personal and professional growth.

AREA OF INTREST

- Formulation & Development. (Injectables)
- Novel Drug Delivery Systems (NDDS)

PERSONAL STRENGTH

- Resource and time management.
- Coordinator.
- Communication skill.

- Self-motivated.
- Team player.
- Adaptability.

ACADEMICS

Course	Institution	Year of Passing	Aggregate
M. Pharm (Pharmaceutics)	College of Pharmaceutical Sciences, Government Medical College Kannur, Pariyaram. Kerala. Kerala University of Health Sciences (KUHS).	2020	First class with distinction (CGPA: 8.13)
B. Pharm	Malik Deenar College of Pharmacy, Kasargod, Kerala. Kerala University of Health Sciences (KUHS).	2017	First class (62.75%)
Class XII	Govt. Higher Secondary School, Ernakulum.	2012	78%
Class X	Bishop M.M.C.S.P.M High School. Sasthamcotta, Kollam	2009	83%

ACADEMIC PROJECTS

- Transthesomal Lignocaine: For the improved patient compliance during the treatment of juvenile idiopathic rheumatoid arthritis (**M. Pharm project**).
- Cancer vaccines: A new wave in cancer therapy (**B. Pharm project**).

ACHIEVEMENTS

Qualified GPAT (Graduate Pharmacy Aptitude Test) 2018.

COMPUTER PROFICIENCY

- Microsoft Office/ Windows.

PUBLICATIONS

Books/ Chapters contributed.

1. **Alan Raj**, Sarath Chandran C, Shahin Muhammed T K. Chapter 15: Advanced Drug Delivery Systems in Prostate Cancer. In: Advanced Drug Delivery Systems in the Management of Cancer. 197-206, ISBN: 978-0-323-85503-7, DOI: 10.1016/B978-0-323-85503-7.00034-1
2. **Alan Raj**, Sarath Chandran C, Shahin Muhammed T K Chapter 3: Probing the Cellular and Molecular Mechanisms Underlying in The Pathogenesis of Chronic Obstructive Pulmonary Disease. In: Targeting Cellular Signaling Pathways in Lung Diseases. 147-162, ISBN 978-981-33-6826-2, DOI: <https://doi.org/10.1007/978-981-33-6827-9>
3. **Alan Raj**, Sarath Chandran C, Swathi K K, Sourav K, Chapter 13: Role of Theranostics in Targeting Inflammation in Chronic Diseases. In: Recent Development in Anti-Inflammatory Therapy. **Elsevier. (Under Review.)**
4. **Alan Raj**, Sarath Chandran C, Swathi K K, Anitha Jose, Indu Ragunandh, Chapter 6: Microbiome in Chronic Obstructive Pulmonary Disease. In: Microbiome in Inflammatory Lung Diseases. **Springer. (Under Review)**
5. **Alan Raj**, Sarath Chandran C, Swathi K K, Chapter 8: Advanced Drug Delivery Systems in Prostate Cancer. In: Drug delivery systems for metabolic disorders. **Elsevier. (Submitted to the editor Kamal Dua.**

Journals/Newsletters

1. Nazeera Farzana N.M, Ann Rose Augusthy, Neethu Narayanan P.P, Aparna Ivon, **Alan Raj**. “*In situ* gel: A novel parenteral controlled drug delivery system”. Indo American Journal of Pharmaceutical Sciences. 2020; 07(06): 1047-1058.
2. Neethu Narayanan P.P, Vishnu A.S, Nazeera Farzana.N.M, Aparna Ivon, **Alan Raj**. “Film forming system: A novel drug delivery”. Indo American Journal of Pharmaceutical Sciences. 2020; 07(06): 1059-1063.
3. Neethu Narayanan P.P, Vishnu A.S, Nazeera Farzana.N.M, Aparna Ivon, **Alan Raj**. “Paronychia: A nail infection”. World Journal of Pharmaceutical Research. 2020; 9(7): 1-8.

4. **Alan Raj**, Shahin Muhammed TK, Sarath Chandran C, Revanasiddappa BC, Natasha N, “A Review on Pathophysiology, Diagnosis and Possible Management of Covid-19 Pandemic”. Journal of Coronaviruses. (**Reviews completed**).
5. **Alan Raj**, Sarath Chandran C, Anoop Narayanan V, Neethu Narayanan P.P, Aparna Ivon, Nazeera Farzana N.M. Lipid Based Vesicles: A Non-Invasive Tool for Transdermal Drug Delivery. Journal of Pharmaceutical Innovation. 2021;
<https://doi.org/10.1007/s12247-021-09572-3>
6. Alan Raj, Sarath Chandran C, Natasha, Revana Siddapha. A Review on Pathophysiology, Diagnosis, and Treatment of COVID-19. Journal of Research in Pharmacy. (**Under Review**).
7. Swathi K K, Sarath Chandran C, Alan Raj, Sourav K, Jafna M C, Shijina Kappally. Statistical Design of Experiments Using R-Program for The Optimization of An Extended-Release Neem Oil Matrix Tablet. Journal of Drug Delivery Science and Technology. (**Under Review**).

TECHNICAL PROFICIENCY

- Brookfield Viscometer. (LVDV Prime-I)
- HPLC
- Dissolution apparatus.
- Disintegration apparatus.
- Erweka hardness tester (TBH 125).
- Tap density apparatus (Electrolab).
- Moisture analyzer (Mettler Toledo 4 x 204)
- Rapid mixture grinder (RMG-HSM G-10)
- Hot melt extruder (HME).
- Top spray granulator (GPC G1-1)
- Quadro comill.
- Capsule filling machine (ACG PAM MF 30).
- Single punch tablet machine.
- Multi station monolayer tablet machines (Automatic).
- Multi station bilayer tablet machines (Automatic).

SEMINARS ATTENDED & POSTER/S PRESENTED

- E-poster Presentation on “Ethosomal delivery of Miconazole for Topical and Antifungal delivery

- Poster Presented on “Cancer Vaccines: A new Wave in Cancer Therapy”.
- E-poster Presentation on “A Review on Gene therapy for inherited disorders”.
- Workshop and hands-on training on “Nano Particle Characterization by Zetasizer”.
- Hands on training and workshop on Computer Aided Drug Designing.
- National seminar on “Unleashing Novel Strategies in Pharmaceutical Sciences”.
- International conference on “Recent trends in Nano Bio governance”.
- National seminar on “Drug Discovery, Regulations and Clinical Research-Salient Features and Challenge.
- Participated in 70th IPC held at Amity University, Noida in 2018.
- Participated in 71th IPC held at Sree Ramachandra Institute, Chennai in 2019.

PROFESSIONAL EXPERIENCE

Presently working as an apprentice in Zydus Cadilla Pharmaceuticals (FRD, Solid Orals, US Market).

PROFESSIONAL AFFILIATION

Registered Pharmacist (Reg No: 63235) under Kerala State Pharmacy Council.

LANGUAGES

- Malayalam – Native speaker.
- English.

PERSONAL INTEREST

Travelling, Writing, Reading, Music, Cooking.

REFERENCES

Dr.Sarath Chandran C, Ph.D. Assistant Professor
College of Pharmaceutical Sciences
Government Medical College Kannur, Pariyaram.
Pin-670 503, Kerala.
Mobile No: +91 9895442288
Email ID: scshenoy@gmail.com

Dr. K Premaletha, PhD. Professor
College of Pharmaceutical Sciences
Government Medical College Kannur, Pariyaram.
Pin-670 503, Kerala.
Mobile No: +91 7012924970
Email ID: premalethak@yahoo.co.in

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and bear the responsibility for the correctness of above-mentioned particulars.

Place: Sasthamcotta

Date: 24/09/2021


ALAN RAJ