

Dr. Anil K. Philip

Associate Professor and Associate Dean

School of Pharmacy.....

كلية العلوم الصحية

جامعة نزوى، سلطنة عمان

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الحالة الاجتماعية: ....

-Teaching Philosophy

I believe teaching is an art; while nobody's born a teacher, we strive towards achieving excellence. Do I believe in societal education? Yes, I do. I believe that teaching is one of the primary ways of achieving it. The information we gather as researchers and practitioners are valuable when shared. Teaching is not about having a regular monologue session; it`s a dialogue session. When you teach, you interact with students. This makes the subject interesting as it helps the students to share his thoughts on it. I try to bring energy to the class. If I can't do that, why should I expect my students to be energetic? As a teacher, I have a moral responsibility of teaching my subject and satisfying my student's query. I believe one should not avoid a student's query but should solve the query in a manner they understand, and try not to confuse them. Over the years, my teaching methods have changed to adapt the postgraduate and undergraduate scholars all having different mindsets and learning abilities. However, a common feature was the more I interacted with the students, the more they learned. My teaching aim has been in developing the concept behind a particular topic. For this, I use visual aids, flash presentations, and doodle videos, especially when teaching junior classes. Giving creative assignments helps to preserve the student's interest on the subject. A five-minute revision of the previous class, a brief topic introduction, and ending remarks in the last five minutes are some of the methods; I have followed successfully. I believe teachers could play an important role in a student's learning curve.

Position- Associate Professor in Pharmaceutics

Qualification- Ph.D. in Pharmacy

Area of Specialization- Pharmaceutics

– Biography

Dr. Anil Philip is currently working as Associate Dean (Head), School of Pharmacy, University of Nizwa,

Oman. Among other credentials, he also serves as a member of the HSS sectorial grant committee of The Research Council, Oman. His research objectives and achievements have been in controlling/modifying the release of small/large molecules targeted to GI space using phase transited delivery systems. He has worked extensively in the field of controlled/ modified drug release systems, and possess rich experience in digging the root cause and finding solutions thereof for superior drug delivery systems. Currently, his lab focuses on developing nano drug delivery system, which can be targeted to the various body organs. He has guided more than 19 Masters Students in areas of targeted drug delivery.

-Awards

-/Research Council Funding ~ 75,000 OMR

Student got gold medal for the best poster in the Ministry of Health Conference

الأنشطة البحثية

الاهتمامات البحثية –

Targeted Drug Delivery

Simulation Pharmacokinetics

Phase Transition

Nanoformulations

Statistical Design

المنشورات –

مقال:

1. Anil K Philip, Betty Annie Samuel, Yagub Salem Saleh, Bassim I Mohammad, Hayder A Al-Aubaidy. pH-responsive chitosan-alginate hydrogel beads: For enhanced bioavailability and controlled release of omeprazole 2025

2. Anil K Philip, Betty Annie Samuel, Yagub S Saleh, Saurabh Bhatia, Bassim I Mohammad, Hayder A Al-Aubaidy. pH-responsive agarose hydrogel for enhanced gastrointestinal ibuprofen delivery: A novel pressure-sensitive adhesive system 2025

3. Global, regional, and national incidence of six major immune-mediated inflammatory diseases, findings from the Global Burden of Disease Study 2019, eClinicalMedicine-The Lancet , 2023

4. Comparing the effectiveness of pterostilbene and sitagliptin on modulating inflammatory levels and inducing autophagy to improve atherosclerosis outcome: A preclinical study in rabbits, F1000Research (Taylor and Francis), 2023

5. Samuel BA, Mohammed BI, Philip AK. Phase transited asymmetric membrane floating nanoparticles: a means for o better management of poorly watersoluble drugs, DARU Journal of Pharmaceutical Sciences, 2021, https://doi.org/10.1007/s40199-020-00382-5

6. Kriplani P, Pathak K, Philip A. Preparation and Evaluation of `3 Cap` Pulsatile Drug Delivery

System of Ramipril, Cardiovascular and Hematological Agents in Medicinal Chemistry, 2020, E-.Pub Ahead of Print, doi:10.2174/1871525718666200528140527

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Sharma V, Philip AK, Pathak K. Modified polysaccharides as fast disintegrating excipients for .10 .orodispersible tablet of roxithromycin. AAPS PharmSciTech. 2008; 9(1): 87-94

Philip AK. Osmotically regulated flow of flurbiprofen through in situ formed asymmetric .11 .membrane capsule. Current Drug Delivery, 2008; 5(2): 127-132

Philip AK, Pathak K., Wet process induced phase transited drug delivery system: A means for .12 achieving osmotic, controlled and level A ivivc for poorly water soluble drug. Drug Development .and Industrial Pharmacy, 2008; 34(7): 735-743

Philip AK, Dubey R, Pathak K., Optimizing delivery of flurbiprofen to the colon using a targeted .13 .prodrug approach. Journal of Pharmacy and Pharmacology, 2008; 60 (5): 607-613

Philip AK, Pathak K, Shakya P., Asymmetric membrane in membrane capsules: A means for .14 achieving delayed and osmotic flow of cefadroxil. European Journal of Pharmaceutics and .Biopharmaceutics, 2008; 69(2): 658-666

Singh H, Philip AK, Pathak K. Multiple unit asymmetric membrane capsule: A means for .15 delivery of highly water soluble drug. International Journal of Drug Delivery and Technology, .2009; 1(1): 9-16

Philip AK. Colon-specific delivery: An histomorphological analysis & targeted prodrug .16 .approach. Drug Delivery Technology, 2009; 9 (4): 58-62

Philip AK, Singh N, Pathak K., Egg shell membrane as a substrate for optimizing in-vitro .17 transbuccal delivery of glipizide. Pharmaceutical Development and Technology, 2009; 14(15): .540-547

Philip AK, Dabas S, Pathak K. Optimized prodrug approach: A means for achieving enhanced .18 anti-inflammatory potential in experimentally induced colitis. Journal of Drug Targeting, 2009, .17(3), 235-241

Philip AK, Philip B. Asymmetric membrane capsule: A means for controlled drug release even .19 with a membrane defect. Tablets and Capsules, 2010, July7th, Desktop reference

Philip AK, Philip B. Phase transited and vapor induced dual capsular system (DCS) for .20 achieving delayed and osmotic release of cefadroxil. Pharmaceutical Development and .Technology, 2010; 16(5): 457-65

Philip AK, Philip B. Phase transited asymmetric membrane capsule: A means for achieving .21 .delayed and controlled osmotic flow. Current Drug Delivery, 2010: 7(3): 230-237

Philip AK, Philip B. In-situ phase transited asymmetric membrane capsule: A means for .22 achieving delayed and osmotic release for pH solubility dependant drugs. PDA Journal of .Pharmaceutical Science and Technology, 2011; 65(1): 32-41

Philip AK, Philip B. Colon targeted drug delivery systems: A review on primary and novel .23 .approaches. Oman Medical Journal, 2010; 25 (2): 68-76

Philip AK, Philip B. Chornopharmaceuticals: Hype or future of pharmaceutics. Current .24 .Pharmaceutical Design, 2011;17(15):1512-6

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27. Philip B, Al Salmi A, Al Abri I, Al Azri, A, Philip AK. In-situ fiber optics analysis of microparticles of a poorly water soluble drug. International Journal of Pharmaceutical and Biological Archives, 2014; 5(3): 53 – 57.

28. Philip AK, Philip B, Al Senani H. Application of modified USP apparatus I and in situ fiber optic analysis for drug release from ibuprofen nanospheres. International Journal of Pharmacy and Pharmaceutical Sciences, 2014; 6 (9): 527-30.

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قسم كتاب:

1. Philip AK, Samuel BA, Ashraf K and Faiyazyuddin M, 2021، Pulmonary Pharmacokinetics and Biophysics

2. Philip Ak, SAmuel BA, 2021, Chapter 9: Advanced Drug Delivery Systems in Lung Cancer، https://doi.org/10.1016/C2020-0-02697-6

3. Anil K. Philip and Sarah K. Zingales: Drug Delivery: Principles and Applications, Second Edition, Wiley, DOI: 10.1002/9781118833322.ch18، Targeted Delivery of Drugs to the Colon

الخبرة الإدارية

2017 – الآن: Associate Dean - University of Nizwa

2014 – الآن: FURAP General Supervisor - University of Nizwa

خدمة المجتمع

May 2020: Member, Omani Exam for Pharmacy Specialists

الجوائز والتقدير

QS Imagine Award 2026	
Distinguished Researcher Award, UoN 2022	
US Patent (Granted) 11,013,748 -Budesonide Nano Prodrug 2021	
Patent (Granted)- 294829: Osmotic Controlled Release Oral Formulation of Lycopene with Enhanced Solubility	2018

المرجع: https://www.unizwa.edu.om/staff/chs/philip