



Dr. Sadri Abdullah Said

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كلية العلوم الصحية

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موقع المكتب: 11-33 ...

يعمل في الجامعة: منذ 2011

الحالة الاجتماعية: ..

:About

Dr. Sadri received his PhD in organic synthesis from the Norwegian University of Science and Technology in 2002. He completed BSc (Edu) and MSc (Chemistry) at the University of Dar es Salaam, Tanzania. During his career Dr. Sadri received several awards such as NCI-USA fellowship and distinctions awards throughout his undergraduate and postgraduate studies. Dr. Sadri is also the editor of some scientific journals. Dr Sadri research work has been supported by different funding agencies including WHO-TDR, TWAS, WIOMSA, and TRC-Oman

:Area of Specialization

.Organic synthesis, Drug discovery

:Research interest

Small molecules drug discovery

المؤهلات الأكاديمية

PhD (Organic Synthesis), Norwegian University of Sciences and Technology, 2002, Stereoselective transformations of chiral amines

Pharmaceutical Organic Chemistry, Pharmaceutical organic Chemistry introduces students to organic chemistry concepts that are relevant to the study of pharmaceutical molecules. The course gives emphasis on understanding and predicting chemical behavior and reactivity of pharmaceutical molecules. Among major topics covered in this course include structure and bonding, Functional group chemistry, stereochemistry, Acid and bases and introduction to organic reactions with emphasis on using pharmaceutical molecules as examples. Also included is a brief discussion on heterocycles., 2021-date

Medicinal Chemistry I. This is an undergraduate course covering basic principles of discovery and design of new therapeutic compounds and their development into useful medicines. It discusses current approaches in lead discovery and optimization of its pharmaceutical, pharmacokinetic and pharmacodynamics characteristics. It comprises detailed discussion on determination of structure activity relationship (SAR), Quantitative structure activity relationship (QSAR) and chemical principles governing drug receptor interactions. Furthermore, pathways for drug deactivation and elimination as well as the basic concept of prodrugs and their uses in drug delivery system are also discussed. 2011-date

الأنشطة البحثية

الاهتمامات البحثية -

The major research focus in my lab is biomedical research towards discovery of new anticancer and antidiabetic drugs. Our lab specializes on investigation of bioactive natural products from endemic medicinal plants and marine organisms dwelling in the sultanate of Oman. A part from the wet-lab experiments our group is introducing modern computational tools used in discovery of new drugs. Our effort in this category is devoted to structure-based design of small molecules for control of cancer and diabetes mellitus

حضور المؤتمرات -

AI in Drug Discovery: From Assistant to Decision-Maker held on , University of Nizwa, Oman, 6/10/2025

Data-Driven Drug Design: Merging Pharmacokinetics, DOE, and IP Strategy for Smarter R&D', Online, 27/07/2025

Moodle for emergency remote learning, University of Nizwa, Oman, 2019

Train-the-Trainer workshop on Effective Project Planning and Evaluation in Biomedical Research, WHO/TDR, , Cape Town, South Africa. , 2005

Workshop on Project Planning and Evaluation in Biomedical Research, Organized by WHO/TDR, Cape Town, South Africa, 2004

المنشورات -

مقال:

[Evaluation of acute plant toxicity, antioxidant activity, molecular docking and bioactive compounds of lemongrass oil isolated from Omani cultivar](#), 2025 .1 Haneen Al Weshahi, Mohammad Sohail Akhtar, Salem Said Al Tobi, Amzad Hossain, Shah Alam Khan, Alia Bushra Akhtar, Sadri Abdullah Said, Toxicology Reports, Volume 14, 2025, 101888, ISSN 2214-7500

- [Assessing STEM Competences and Needs Alignment in Pre-service Chemistry Teachers](#), 2025 .2
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Jun. 2025
- [Pharmacological and Phytochemical Screening of the Essential Oil from peels of Citrus limetta Risso](#), 2024 .3
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Sadri Abdullah Said, Jamal Al-Sabahi, Ajmal Khan, Saeed Allah, Abdullah Mohammed Al-Hatmi,
Najeeb Ur Rahman, Salem Said Al Touby, Ahmed Al-Harrasi Acta Scientific Pharmaceutical
Sciences 8.7 (2024): 72-80
- [ANTIDEPRESSANT-LIKE ACTIVITY OF AQUEOUS EXTRACT OF ROSA DAMASCENA IN MICE](#), 2024 .4
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Journal of Pharmacy and Pharmaceutical Sciences 16 (11):44-49
- [Antidepressant-like activity of methanolic extract of Withania qaraitica in mice](#) , 2023 .5
.Almaqbal RK, Shaikh J, Mohammed Weli A, Said SA.. Int J Pharm Pharm Sci 2023;15(2):25-30
- [Antibacterial ferulates from Jatropha dhofarica](#) . Shatha Saif Sultan Al Julandani, Abrar 2023 .6
Abdullah Said Al Ruzeiqi, Sadri Abdullah Said* Arabian Journal of Medicinal and Aromatic Plants
(AJMAP) 2023; 9(2) 65 – 76
- [Composition analysis and antimicrobial activity of essential oil from leaves of Laurus nobilis grown in Oman](#) , 2022 .7
Siham Saleh Al-Abri, Sadri Abdullah Said, Salem Said Al Touby,
Mohammed Amzad Hossain Jamal Nasser Al-Sabahi. Journal of Bioresources and Bioproducts
Volume 7 Issue 4, November 2022, pages 328-334
- [A pimarane diterpene from Juniper servaschanica inhibits growth of Ovarian and Breast Cancer Cells.](#), 2021 .8
Sadri Abdullah Said, Yahya Tamimi, Afaf Mohd Weli, MdSohail Akhtar. Drug
Discovery, 2021, 15(35), 1-5
- [Extraction, isolation and structural characterization of two triterpenoid glycosides from the fruits of Ficus bengalensis](#) , 2021 .9
Md Sohail Akhtara S.R.Mir, Sadri Abdullah Said Mohammad Amzad
Hossain, Mohammad Ali Carbohydrate Research Volume 510, December 2021, 108444
- [Antimicrobial, antioxidant and cytotoxic activity of Maytenus dhofarensis growing in Oman.](#) , 2019 .10
Afaf Mohd Weli, Rahma Salim Al-Burtamani, Maryam Sinan Al-Azzawi, Md. Sohail Akhtar
.and Sadri Abdullah Said,. J. Applied Sci., 2019,19(3), 229-234
- [Chemical composition and biological activities of the essential oils of Psidium guajava leaf.](#) , 2018 .11
Weli, A., Al-Kaabi, A., Al-Sabahi, J., Said, SA., Hossain, M., & Al-Riyami, S. (2018). Journal of
King Saud University - Science
2017 .12