



## Ali Imran

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### 个人简介 Personal Information

Ali Imran, male, born in June 1983. Distinguished Associate Professor, School of Life Science and Engineering, Southwest University of Science and Technology, China.

### 学习经历 Education

Masters in Biochemistry, University of Balochistan, Pakistan, 2006.

Masters in Food engineering and Bioprocess Technology, Asian Institute of Technology, Thailand, 2009.

PhD in Food Engineering and Bioprocess Technology, Asian Institute of Technology, Thailand, 2013.

Post Doctorate in Botany, Chulalongkorn University, 2014.

### 工作经历 Work Experience

Lecturer, Institute of Biochemistry, University of Balochistan, Pakistan, 2007-2014.

Assistant Professor, Institute of Biochemistry, University of Balochistan, Pakistan, 2014-2021.

Associate Professor, Institute of Biochemistry, University of Balochistan, Pakistan, 2021-2022.

Distinguished Associate Professor, School of Life Science and Engineering, Southwest University of Science and Technology, China, 2023-present.

### 获奖及学术兼职情况 Awards, Honor and Memberships

Awarded scholarship for foreign studies from Higher Education Commission, Pakistan in 2007 to pursue Masters and PhD.

Most valuable research award (Biotechnology) by Chulalongkorn University, Thailand in 2014, Title: Purification and characterization of a polyextremophilic  $\alpha$ -amylase from an obligate halophilic *Aspergillus penicillioides* isolate, and its potential for use with detergents. Biomed Research International Article ID 245649.

Biography added in Marquis Who's Who in World, 33rd edition 2016.

Awarded Talented Young Scientist Fellowship by Ministry of Science and Technology, China, 2019-20.

Research fellow at Plant Biomass Utilization Research Unit, Botany Department, Chulalongkorn University, Thailand, 2014-present.

Adjunct Faculty, Institute of Molecular Biology and Biotechnology, University of Lahore, Pakistan, 2022.

Member of: Asian Federation of Biotechnology; American Society of Microbiology; World Future Society; Pakistan Botanical Society; Quetta Flying Club (certified Adventure Glider Pilot; 4 hours credit flying).

Associate Editor of: Frontiers in Microbiology, Frontiers in Bioengineering and Biotechnology, Frontiers in Environmental Science, Polish Journal of Environmental Studies, Journal of Food Quality

Certified Publon Reviewer of over 200 reviews from over 150 SCI journals.

Evaluator of University rankings from QS World University Rankings.

### 科学研究 Research Interest

Extremophilic microorganisms; Halophilic microorganisms; Halophilic fungi; Applications of Halophilic fungi in Biotechnology; Biogas/Biohydrogen from microorganisms; Future studies.

### 代表性论文 Represented Papers (\* means being corresponding author)

Huang J, Dai X, Chen X, **Ali I**, et al. (2023) Combined forage grass-microbial for remediation of strontium-contaminated soil. *Journal of Hazardous Materials*, 450:131013.

Qi X, Xiao S, Chen X, **Ali I**, et al. (2022). Biochar-based microbial agent reduces U and Cd accumulation in vegetables and improves rhizosphere microecology. *Journal of Hazardous Materials*, 436:129147.

Essote SA, Taj MK, Kakar A, Taj I, Kakar S-u-D, **Ali I\*** (2022) Occurrence and Distribution of Snake Species in Balochistan Province, Pakistan. *Pakistan Journal of Zoology*, 54:973-976

Shabir AK, Muhammad A, Muhammad S, Abdul S, Fazal R, Khalid M, **Ali I\*** (2022) Biotechnologically potent halophilic fungal biodiversity from mangroves ecosystem of Lasbela Balochistan. *Pakistan Journal of Botany*, 54(3): 1103-1112.

Zhao B, Al Rasheed H, **Ali I**, Hu S (2021) Efficient enzymatic saccharification of alkaline and ionic liquid-pretreated bamboo by highly active extremozymes produced by the co-culture of two halophilic fungi. *Bioresource Technology*, 319:124115.

Qi X, Gou J, Chen X, Xiao S, **Ali I**, et al. (2021) Application of mixed bacteria-loaded biochar to enhance uranium and cadmium immobilization in a co-contaminated soil. *Journal of Hazardous Materials* 401:123823.

Jing L, Zhang X, **Ali I\***, Chen X, et al. (2020) Usage of microbial combination degradation technology for the remediation of uranium contaminated ryegrass. *Environment International*, 144:106051.

Khan SA AA, Permpornsakul P, Yanwisetpakdee B, Chen X, Anwar M, **Ali I\*** (2020) Molecular diversity of halophilic fungi isolated from mangroves ecosystem of Miani Hor, Balochistan, Pakistan. *Pakistan Journal of Botany*, 52:1823-1829.

Xiao S, Zhang Q, Chen X, Dong F, Chen H, Liu M, **Ali I\*** (2019) Speciation distribution of heavy metals in uranium mining impacted soils and impact on bacterial community revealed by high-throughput sequencing. *Frontiers in Microbiology*, doi: 10.3389/fmicb.2019.01867.

Bano A, Xiaoming C, Prasongsuk S, Akbar A, Lotrakul P, Punnapayak H, Anwar M, Sajid S, **Ali I\*** (2019) Purification, characterization of cellulase from obligate halophilic *Aspergillus flavus* (TISTR 3637) and its prospects for bioethanol production. *Applied Biochemistry and Biotechnology*, doi: 10.1007/s12010-019-03086-y.

#### **Represented Book Chapters** (\* means being corresponding author)

Talib KM, Luhuai J, Chen X, Akbar A, Tahir A, Iqbal I, **Ali I\*** (2022) Isolation, Culture, and Maintenance of Extremophilic Fungi. In: *Extremophilic Fungi*. Springer, pp 3-32.

Tahir A, **Ali I\***, et al. (2022) Modern Tools for the Identification of Fungi, Including Yeasts. In: *Extremophilic Fungi*. Springer, pp 33-51.

**Ali I\***, Khaliq S, Sajid S, Akbar A (2019) Biotechnological Applications of Halophilic Fungi: Past, Present, and Future. In: Tiquia-Arashiro SM, Grube M (eds) *Fungi in Extreme Environments: Ecological Role and Biotechnological Significance*. Springer International Publishing, Cham, pp 291-306. doi:10.1007/978-3-030-19030-9\_15.

#### **科研项目Recent Projects** (as Principal Investigator only)

*Project title:* Physicochemical profile and water quality status of Ground water of Quetta.

*Duration:* November 2017 to November 2019

*Funder:* University of Balochistan, Pakistan.

*Grant No:* UBRF-17/009

*Amount:* 400,000 PKR

*Project title:* Characterization of cellulase enzyme produced from halophilic fungi and its application for bioethanol production from some plant biomass.

*Duration:* June 2016 to May 2017

*Funder:* Chulalongkorn University, Thailand

*Grant No:* CU-59-049-EN

*Amount:* 500,000 Baht

#### **联系方式Contact information**

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