

**Biochemist
Educational/Research
Institutes Mid career (10+
years experience)**



Personal Info: Dr. Imran Ali
DOB: June 18, 1983
Gender: Male
Institute of Biochemistry, University of
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Objective: The objective of my life is to be more professional and perfect in my career.

Research Interest

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

Selected Publications

Samiullah, F. A., SaminaAslam, Sajida, Rasool Bakhsh Tareen, Abdullah Khan, Nageebullah Khan, Ali Akber, Imran Ali, Abdul Kabir Khan, Muhammad Raza Khan, Muhammad Anwer Panezai, Muhammad Aslam Buzdar, Saleha Suleman Khan, & Athiq-ur-Rehman. (2017). Determination of Chemical Composition, Total Phenolic Content and Antioxidant Activity of *Xylanthemum Macropodum*. *Journal of The Chemical Society of Pakistan*, 39(1), 83-91.

Khan MN, Lin H, Meng L, Wang J, Mirani ZA, Khan SI, Buzdar MA, Ali I, Jamil K (2017) Identification and growth optimization of a marine *Bacillus* DK1-SA11 having potential of producing broad spectrum antimicrobial compounds, *Pakistan Journal of Pharmaceutical Sciences* 30(3):839-53.

Ali I, Prasongsuk S, Akbar A, Aslam M, Lotrakul P, Punnapayak H, Rakshit SK (2016) Hypersaline habitats and halophilic microorganisms, *Maejo International Journal of Science and Technology*, 10(3):330-345.

Akbar A, Ali I, Anal AK (2016) Industrial perspectives of lactic acid bacteria for biopreservation and food safety, *Journal of Animal and Plant Sciences*, 26(4):938-948.

Ali I, Akbar A, Aslam M, Sami Ullah, Anwar M, Punnapayak H, Lotrakul P, Prasongsuk S, Yanwisetpakdee B, Permpornsakul P, Rakshit SK (2016) Comparative study of physical factors and microbial diversity of four man-made extreme ecosystems. *Proc Nat Acad Sci India*, 86(3):767-778. DOI: 10.1007/s40011-015-0519-8.

Ali I, Akbar A, Anwar M, Prasongsuk S, Lotrakul P, Punnapayak H (2015) Purification and characterization of a polyextremophilic α -amylase from an obligate halophilic *Aspergillus penicillioides* isolate, and its potential for use with detergents. Biomed Research International Article ID 245649.

Ali I, Akbar A, Anwar M, Yanwisetpakdee B, Prasongsuk S, Lotrakul P, Punnapayak H (2015) Purification and characterization of extracellular, polyextremophilic α -amylase obtained from halophilic *Engyodontium album*. Iranian Journal of Biotechnology 12:35-40.

Athar MA, Akbar A, Khan YH, Ali I, Mehmood U, Sabri AN, Hasnain S (2014) Hydrocarbon degrading bacteria isolated from hydrocarbon contaminated soil. Journal of Pure and Applied Microbiology, 8(6):4509-4516.

Ali I, Akbar A, Punnapayak H, Prasongsuk S, Yanwisetpakdee B (2014) Seven Big Challenges for Pakistan — and the Lessons They Could Teach. The Futurist, 48 (5): 22-26.

Akbar A, Sitara U, Ali I, Muhammad N (2014) Isolation and Characterization of Biotechnologically Potent *Micrococcus luteus* Strain From Environment. Pakistan Journal of Zoology, 46: 967-973.

Akbar A, Sitara U, Khan SA, Ali I, Khan MI, Phadungchob T, Anal AK (2014) Presence of *Escherichia coli* in poultry meat: A potential food safety threat. IFRJ 21(3): 941-945.

Ali I, Akbar A, Yanwisetpakdee B, Prasongsuk S, Lotrakul P, Punnapayak H (2014) Purification, characterization and potential of saline waste water remediation of a polyextremophilic α -amylase from an obligate halophilic *Aspergillus gracilis* Biomed Research International Volume 2014, Article ID 106937, 7 pages, <http://dx.doi.org/10.1155/2014/106937>.

Ali I, Siwarungson N, Punnapayak H, Lotrakul P, Prasongsuk S, Bankeeree W, Rakshit SK (2014) Screening of potential biotechnological applications from obligate halophilic fungi, isolated from man-made solar saltern located in Phetchaburi province, Thailand. Pakistan Journal of Botany, 46: 983-988.

Ali I, Kanhayuwa L, Rachdawong S, Rakshit SK (2013) Identification, phylogenetic analysis and characterization of obligate halophilic fungi isolated from a man-made solar saltern in Phetchaburi province, Thailand. Ann Microbiol 63: 887-895. DOI 10.1007/s13213-012-0540-6.

Ali I, Kanhayuwa L, Rakshit SK, Akbar A, Siwarungson N, Punnapayak H, Lotrakul P, Prasongsuk S, Rehman Z (2013) Identification and phylogenetic analysis of halophilic fungus isolated from a man-made solar saltern in Thailand. LUJST, 2: 47-52.

Siwarungson N, Ali I, Damsud T (2013) Comparative analysis of antioxidant and antimelanogenesis properties of three local guava (*Psidium guajava* L.) varieties of Thailand, via different extraction solvents. Food Measure, 7: 207-214.

Siwarungson N, Ali I, Thang CX (2013) A review on two phase batch extraction of alkaline

proteases. FUUAST, 3: 25-31.

Ali I, Rakshit SK, Kanhayuwa L (2011) Biohydrogen production from microalgae of *Chlorella* sp. The International Conference on Sustainable Community Development, Khonkaen Thailand, 74-77.

Recent Awards

February 2017: Valuable research recognition by Chulalongkorn University on 'Purification and Characterization of a Polyextremophilic α -Amylase from an Obligate Halophilic *Aspergillus penicillioides* Isolate and Its Potential for Souse with Detergents'.

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

Recent Keynote Talks

Nutritional requirements for university students in Technologies for Food Sector: by National Alliance for Food Safety, Pakistan: 25 April, 2017 at University of Balochistan, Quetta, Pakistan.

Food Security in Pakistan in Food Safety Our National Responsibility: by National Alliance for Food Safety, Pakistan: 03 December 2016 at University of Balochistan, Quetta, Pakistan.

Current Research on halophilic fungi at RUBEM in Workshop for Disease Diagnosis and Vaccine Production: by/at CASVAB on 25 October 2016, Quetta, Pakistan.

How and Why to use FTIR in Biotechnology in Workshop for High-Tech Instruments: by Faculty of Life Sciences: University of Balochistan on 15 April 2016, Quetta, Pakistan.

Prospects of Biological hydrogen Production by Microalgae in Conference in Trends of Applied Microbiology by American Society of Microbiology at CASVAB on 7 April 2016, Quetta, Pakistan.

Recent Administrative Responsibilities

Coordinator for MPhil/PhD program of Institute of Biochemistry, University of Balochistan: From March 2017 to present.

Head RUBEM: From April 2014 to present.

Twice elected as Executive Academic Staff Association member in 2016 and 2017

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

Experiences

1

Organization : Institute of Biochemistry, University of Balochistan, Quetta, Pakistan

Designation : Assistant Professor(TTS)

Tenure : Dec, 2014 to present

Responsibilities: Teaching/Research

2

Organization : Chulalongkorn University, Bangkok, Thailand.
Designation : Honorary Researcher
Tenure : Dec, 2014 to present
Responsibilities: Research

3

Organization : University of Balochistan, Quetta, Pakistan
Designation : Lecturer
Tenure : June, 2007 to December 2014
Responsibilities: Teaching/Research

4

Organization : Chulalongkorn University, Bangkok, Thailand.
Designation : Research Assistant
Tenure : June, 2013 to August, 2013
Responsibilities: Research

Education

1

Level : Post Doctorate
Degree : Post Doc in Botany
Institute : Chulalongkorn University, Bangkok, Thailand. *Session* : 2013-2014
Thesis : Biotechnological potentials of halophilic fungi.

2

Level : Doctoral degree
Degree : PhD, Food Engineering & Bioprocess Technology
Institute : Asian Institute of Technology, Bangkok, Thailand. *Session* : 2010-2013
Thesis : Screening of potential Biotechnological applications from halophilic fungi, isolated from a man-made solar saltern, located at Phetchaburi province, Thailand.

3

Level : Master degree
Degree : MS, Food Engineering & Bioprocess Technology. *GPA* : 3.56
Subjects : Bioprocess Technology, Natural Resource Management, Biodiversity & Conservation, Food Engineering, Food Safety, Microbiology.
Institute : Asian Institute of Technology, Bangkok, Thailand. *Session* : 2008-2009
Thesis : Biological hydrogen production from *Chlorella* Sp.

4

Level : Master degree
Degree : MSc, Biochemistry. *% age* : 73%
Subjects: Molecular Biology, Biochemistry, Bio-organics, Bioanalytical Chemistry, Endocrinology, Immunology, Chemotherapy, Microbiology, Genetics

Institute : Institute of Biochemistry, University of Balochistan, Quetta, Pakistan.

Session : 2004-2006

Research: Crude Invertase characterization extracted from *Ficus carica*.

Other profile links

https://www.researchgate.net/profile/Imran_Ali4

<http://scholar.google.co.uk/citations?user=0Ac6SpIAAAAJ&hl=en>

<http://orcid.org/0000-0003-4956-7852>

<http://www.scopus.com/authid/detail.url?authorId=55882527900>

<http://www.botany.sc.chula.ac.th/pburu/staff/dr-imran-ali/>

<https://publons.com/author/282099/imran-ali#profile>