

Shehzad Abid Khan

Assistant Professor

Atta-Ur-Rahman School of Applied Biosciences

Email: sabid@asab.nust.edu.pk

Contact:

LinkedIn: linkedin.com/in/shehzad-abid-khan-36129b91/



About

Dr. Shehzad Abid Khan is working as Assistant Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Shehzad Abid Khan has a PhD in Microbiology and Biology System. Dr. Shehzad Abid Khan has published 23 research articles & conference papers having a citation count of 147, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Microbiology and Biology System Chung-Ang University , South Korea	2017 - 2021
MS in Microbiology COMSATS Institute of Information Technology , Pakistan	2014 - 2016
BS in Microbiology University of Veterinary & Animal Science , Pakistan	2010 - 2014

Experience

Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2024- Present
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2023 - 2024
Postdoctoral Researcher 4D Convergence Technology Research Institute , (27909) Room 311, International Hall, Jeungpyeong Campus, Korea National University of Transportation, 61 Daehak-ro, Jeungpyeong-gun, Chungcheongbuk-do, South Korea	2021 - 2023

Research Articles

Metagenomic and meta-metabolomic analysis of traditional Korean rice vinegar productions shows a large variability between producers <i>Louise Vermote Byung Hee Chun Shehzad Abid Khan Luc De Vuyst Che Ok Jeon Stefan Weckx</i> <i>International Journal of Food Microbiology</i> , Volume:440, Article Number: 111283, Pages:23 Impact Factor: 5.2 Quartile: 1 DOI: https://doi.org/10.1016/j.ijfoodmicro.2025.111283	2025
Comparative pangenome analysis of Enterococcus faecium and Enterococcus lactis provides new insights into the adaptive evolution by horizontal gene acquisitions <i>Dae Gyu Choi Ju Hye Baek Dong Min Han Shehzad Abid Khan Che Ok Jeon</i> <i>BMC Genomics</i> , Vol:25, Article Number: 28 Impact Factor: 4.4 Quartile: 1 Citations: 14 DOI: 10.1186/s12864-023-09945-7	2024
Cutibacterium acnes KCTC 3314 Growth Reduction with the Combined Use of Bacteriophage PAP 1-1 and Nisin <i>Min-Hui Han Shehzad Abid Khan Gi-Seong Moon</i> <i>Antibiotics-Basel</i> , Volume 12, Issue 6, Article Number 1035 Impact Factor: 4.8 Quartile: 1 Citations: 4 DOI: https://doi.org/10.3390/antibiotics12061035	2023
Genome-wide transcriptional response of Escherichia coli O157:H7 to light-emitting diodes with various wavelengths <i>Shehzad Abid Khan Min-Jeong Kim Hyun-Gyun Yuk</i>	2023

<i>Scientific Reports</i> , Volume:13, Issue:1, Article Number: 1976 Impact Factor: 4.997 Quartile: 2 Citations: 4 DOI: 10.1038/s41598-023-28458-7	
Combination Treatment for Inhibition of the Growth of Staphylococcus aureus with Recombinant SAP8 Endolysin and Nisin <i>Seon-Gyu Kim Shehzad Abid Khan Young-Duck Lee Jong-Hyun Park Gi-Seong Moon</i> <i>Antibiotics-Basel</i> , Volume:11, Issue:9, Article Number:1185 Impact Factor: 5.222 Quartile: 1 Citations: 8 DOI: 10.3390/antibiotics11091185	2022
Ramlibacter terrae sp. nov. And Ramlibacter montanisoli sp. nov., Isolated from Soil <i>Shehzad Abid Khan Hyung Min Kim Ju Hye Baek Hye Su Jung Che Ok Jeon</i> <i>Journal of Microbiology and Biotechnology</i>, Volume 31, Issue 9, Pages 1210-1217 Impact Factor: 3.277 Quartile: 3 Citations: 5 DOI: https://doi.org/10.4014/jmb.2105.05023	2021
Halomonas azerica sp. nov., Isolated from Urmia Lake in Iran <i>Ruan Wenting Soheila Montazersaheb Shehzad Abid Khan Hyung Min Kim Vahideh Tarhriz Mohammad Amin Hejazi Mohammad Saeid Hejazi Che Ok Jeon</i> <i>Current Microbiology</i> , Volume 78, Issue 8, Pages 3299-3306 Impact Factor: 2.343 Quartile: 4 Citations: 7 DOI: https://doi.org/10.1007/s00284-021-02482-0	2021
Lysobacter arenosi sp. nov. and Lysobacter solisilvae sp. nov. isolated from soil <i>Kyeong Ryeol Kim Kyung Hyun Kim Shehzad Abid Khan Hyung Min Kim Dong Min Han Che Ok Jeon</i> <i>Journal of Microbiology</i>, Volume 59, Issue 8, Pages 709-717 Impact Factor: 2.902 Quartile: 3 Citations: 11 DOI: https://doi.org/10.1007/s12275-021-1156-y	2021
Maritimibacter harenae sp. nov. and Sneathiella litorea sp. nov.: members of Alphaproteobacteria isolated from sea sand <i>Shehzad Abid Khan Hye Su Jung Hye Yoon Park Che Ok Jeon</i> <i>Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology</i>, Volume:114, Issue:6, Page:799-811 Impact Factor: 2.158 Quartile: 4 Citations: 6 DOI: 10.1007/s10482-021-01559-x	2021
Pseudoprevotella muciniphila gen. nov., sp. nov., a mucin-degrading bacterium attached to the bovine rumen epithelium <i>Sang Weon Na Byung Hee Chun Seok-Hyeon Beak Shehzad Abid Khan Md. Najmul Haque Jae Sung Lee Che Ok Jeon Sang-Suk Lee Myunggi Baik</i> <i>PLoS One</i> , Volume 16, Issue 5, Article Number e0251791 Impact Factor: 3.752 Quartile: 2 Citations: 2 DOI: 10.1371/journal.pone.0251791	2021
Cupriavidus cauae sp. Nov., isolated from blood of an immunocompromised patient <i>Oh Joo Kweon Wenting Ruan Shehzad Abid Khan Yong Kwan Lim Hye Ryoung Kim Che Ok Jeon Mi-Kyung Lee</i> <i>International Journal of Systematic and Evolutionary Microbiology</i>, Volume 71, Issue 4, Article Number 004759 Impact Factor: 2.689 Quartile: 4 Citations: 4 DOI: https://doi.org/10.1099/ijsem.0.004759	2021
Paenibacillus silvestris sp. nov., Isolated from Forest Soil <i>Jungeun Kim Hye Su Jung Ju Hye Baek Byung Hee Chun Shehzad Abid Khan Che Ok Jeon</i> <i>Current Microbiology</i> , Volume:78, Issue:2, Page:822-829 Impact Factor: 2.343 Quartile: 4 Citations: 7 DOI: 10.1007/s00284-020-02333-4	2021
Flaviumibacter soli sp. nov., Isolated from Soil <i>Ye Lin Seo Jaejoon Jung Shehzad Abid Khan Kyung Hyun Kim Che Ok Jeon</i> <i>Current Microbiology</i> , Volume:77, Issue:10, Page:3179-3184 Impact Factor: 2.188 Quartile: 4 Citations: 4 DOI: 10.1007/s00284-020-02103-2	2020
Roseomonas algicola sp. nov., isolated from a green alga, Pediastrum duplex Free <i>Hyung Min Kim Shehzad Abid Khan Dong Min Han Byung Hee Chun Che Ok Jeon</i> <i>International Journal of Systematic and Evolutionary Microbiology</i>, Volume:70, Issue:11, Page:5634-5639 Impact Factor: 2.747 Quartile: 3 Citations: 5	2020

- DOI: 10.1099/ijsem.0.004454
- Mucilaginibacter agri sp. nov. and Mucilaginibacter humi sp. nov., isolated from soil** 2020
Ye Lin Seo Shehzad Abid Khan Hyung Min Kim Byung Hee Chun Dong Min Han Che Ok Jeon
International Journal of Systematic and Evolutionary Microbiology, Volume:70, Issue:8, Page:4616-4622
Impact Factor: 2.747 | Quartile: 3 | Citations: 2
DOI: 10.1099/ijsem.0.004321
- Aestuairhabdus litorea gen. nov., sp. nov., isolated from a sea tidal flat and proposal of Aestuairhabdaceae fam. nov. Free** 2020
Shehzad Abid Khan Hye Su Jung Hyung Min Kim Jeill Oh Sang-Suk Lee Che Ok Jeon
International Journal of Systematic and Evolutionary Microbiology, Volume:70, Issue:4, Page:2239-2246
Impact Factor: 2.747 | Quartile: 3 | Citations: 8
DOI: 10.1099/ijsem.0.003976
- Halomonas urmiana sp. Nov., a moderately halophilic bacterium isolated from Urmia lake in Iran** 2020
Shehzad Abid Khan Sepideh Zununi Vahed Haleh Forouhandeh Vahideh Tarhriz Nader Chaparzadeh Mohammad Amin Hejazi Che Ok Jeon Mohammad Saeid Hejazi
International Journal of Systematic and Evolutionary Microbiology, Volume 70, Issue 4, Pages 2254-2260
Impact Factor: 2.747 | Quartile: 3 | Citations: 10
DOI: 10.1099/ijsem.0.004005
- Arenimonas terrae sp. nov., isolated from orchard soil Free** 2020
Dong Min Han Byung Hee Chun Hyung Min Kim Shehzad Abid Khan Che Ok Jeon
International Journal of Systematic and Evolutionary Microbiology, Volume:70, Issue:1, Page:537-542
Impact Factor: 2.747 | Quartile: 3 | Citations: 5
DOI: 10.1099/ijsem.0.003785
- Geomonas soli gen. nov., sp. nov., a New Member of the Family Comamonadaceae, Isolated from Soil** 2020
Shehzad Abid Khan Sang Eun Jeong Hye Yoon Park Sang-Suk Lee Che Ok Jeon
Current Microbiology, Volume:77, Issue:2, Page:286-293
Impact Factor: 2.188 | Quartile: 4 | Citations: 2
DOI: 10.1007/s00284-019-01814-5
- Flagellimonas algicola sp. nov., Isolated from a Marine Red Alga, Asparagopsis taxiformis** 2020
Jungeun Kim Kyung Hyun Kim Byung Hee Chun Shehzad Abid Khan Che Ok Jeon
Current Microbiology, Volume:77, Issue:2, Page:294-299
Impact Factor: 2.188 | Quartile: 4 | Citations: 16
DOI: 10.1007/s00284-019-01821-6
- Maribacter algicola sp. Nov., isolated from a marine red alga, Porphyridium marinum, and transfer of Maripseudobacter aurantiacus Chen et al. 2017 to the genus maribacter as maribacter aurantiacus comb. nov.** 2019
Shehzad Abid Khan Sang Eun Jeong Ju Hye Baek Che Ok Jeon
International Journal of Systematic and Evolutionary Microbiology, Volume:70, Issue:2, Page:797-804
Impact Factor: 2.415 | Quartile: 3 | Citations: 8
DOI: 10.1099/ijsem.0.003828
- Hwanghaeella grinnelliae gen. nov., sp. nov., isolated from a marine red alga Free** 2019
Jungeun Kim Sang Eun Jeong Shehzad Abid Khan Che Ok Jeon
International Journal of Systematic and Evolutionary Microbiology, Volume:69, Issue:11, Page:3544-3550
Impact Factor: 2.415 | Quartile: 3 | Citations: 8
DOI: 10.1099/ijsem.0.003656
- Roseicella frigidaeris gen. nov., sp. nov., isolated from an airconditioning system** 2019
Shehzad Abid Khan Sang Eun Jeong Hye Su Jung Zhe-Xue Quan Che Ok Jeon
International Journal of Systematic and Evolutionary Microbiology, Volume:69, Issue:5, Page:1384-1389
Impact Factor: 2.415 | Quartile: 3 | Citations: 7
DOI: 10.1099/ijsem.0.003322