

Saadia Andleeb

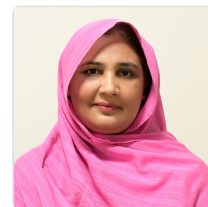
Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Saadia Andleeb is working as Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Saadia Andleeb has a PhD in Microbiology. Dr. Saadia Andleeb has published 90 research articles & conference papers having a citation count of 3412, carried out 5 projects and filed 0 intellectual property.

Qualifications

PhD in Microbiology Quaid-i-Azam University , Pakistan	2006 - 2010
MS in Botany University of Peshawar , Pakistan	2000 - 2002
BSc in Zoology University of the Punjab , Pakistan	1998 - 2000

Experience

Professor Atta-Ur-Rahman School of Applied Biosciences	2021- Present
Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2016 - 2021
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2013 - 2016
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2011 - 2013
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2010 - 2011
Associate Professor ASAB , NUST	2010 - 2022

Awards

best researcher award Best researcher for the year 2014-2015	2015
first position First position in the conference AWTR 2009	2009
Indigenous scholarship Indigenous scholarship for PhD	2004
Research productivity(RPA Government of Pakistan PCST RPA Award for the year 2016	

Research Projects

National Projects

Multidrug Resistent Pathogen Survelliance in Pakistnai and U.S Hospitals Funding Agency: PAK-US Amount: PKR 15,000,000.00 Status: Completed	2015
The world academy of sciences Funding Agency: UNESCO Amount: PKR 1,236,865.00 Status: Approved_inprocess	2018
Multidrug-resistant pathogen surveillance in Pakistani and U.S. hospitals (Pak-US, HEC-US National Academy of Sciences) Funding Agency: Pak/US Amount: PKR 10,445,000.00 Status: Approved_inprocess	2015
Development of Vibriophages Cocktails and its Testing in Animal Models Funding Agency: HEC Amount: PKR 1,492,904.00 Status: Approved_inprocess	2016
Silencing of the Antibiotic Resistant Gene MecA in Staphylococcus Aureus by a Synthesis sRNA Funding Agency: HEC Amount: PKR 500,000.00 Status: Completed	2016

International Projects

Research Articles

The TyphiNET data visualisation dashboard: unlocking Salmonella Typhi genomics data to support public health <i>Zoe A. Dyson Louise Cerdeira Vandana Sharma Megan E. Carey Kathryn E. Holt Saadia Andleeb Jackie Wright</i> <i>Genome Medicine</i> , Volume:17, Issue:1, Article Number: 51 Impact Factor: 11.200 Quartile: 1 DOI: 10.1186/s13073-025-01470-4	2025
Nature-inspired designing of KLR- and KLS-rich antimicrobial peptides: unleashing the antibiofilm potential of RbP12 against MDR S. aureus and P. aeruginosa <i>Zeeshan Yaseen Saiqa Aslam Sidra Rahmat Ullah Abdur Rahman Muhammad Bilal Khan Niazi Saadia Andleeb</i> <i>Journal of Antimicrobial Chemotherapy</i> , Volume:80, Issue:5, Page:1331-1341 Impact Factor: 3.600 Quartile: 2 DOI: https://doi.org/10.1093/jac/dkaf079	2025
Study of shape of zinc oxide nanoparticles on the in-vitro and in-vivo performance of polymeric hydrogels for wound dressing <i>Hizbullah Malik Fatima Amir Zaib Jahan Usman Liaqat Saadia Andleeb Sulalit Bandyopadhyay Muhammad Bilal Khan Niazi</i> <i>International Journal of Pharmaceutics</i> , Volume:674, Article Number 125482 Impact Factor: 5.200 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1016/j.ijpharm.2025.125482	2025
Exploring the resistome, virulome, and mobilome of multidrug-resistant Klebsiella pneumoniae isolates: deciphering the molecular basis of carbapenem resistance <i>Sidra Rahmatullah Dr Abdur Rahman Sidra Irum Iqra Mahnoor Humaira Ismatullah Mariam Mumtaz Saadia Andleeb Muhsin Jamal</i> <i>BMC Genomics</i> , Vol:25, Article number: 408, Pages: 22 Impact Factor: 3.5 Quartile: 2 Citations: 7 DOI: 10.1186/s12864-024-10139-y	2024
Development and characterization of SA/PEG hydrogel membranes with Ag/ZnO nanoparticles for enhanced wound dressing <i>Sohail Zafar Gill Muhammad Bilal Khan Niazi Umar Shahzad Malik Zaib Jahan Saadia Andleeb Tahir Ahmed</i> <i>Materials Chemistry and Physics</i> , Volume 317, Article Number 129170 Impact Factor: 4.300 Quartile: 2 Citations: 10	2024

A multifunctional vanillin-infused chitosan-PVA hydrogel reinforced by nanocellulose and CuO-Ag nanoparticles as antibacterial wound dressing

2024

Fatima Amir Dr Bilal Khan Niazi Umer shahzad Malik Zaib Jahan Saadia Andleeb Tahir Ahmed Zartasha Mustansar
International Journal of Biological Macromolecules, Volume:258, Article Number: 128831

Impact Factor: 8.2 | **Quartile:** 1 | **Citations:** 22

DOI: 10.1016/j.ijbiomac.2023.128831

Characterization of exclusively non-commensal *Neisseria gonorrhoeae* pangenome to prioritize globally conserved and thermodynamically stable vaccine candidates using immune-molecular dynamic simulations

2023

Iqra Mahnoor Hamna Shabbir Shabana Nawaz Kinza Aziz Ubair Aziz Kashaf khalid Sidra Irum Saadia Andleeb
Microbial Pathogenesis, Volume 185, Article Number 106439

Impact Factor: 3.8 | **Quartile:** 2

DOI: 10.1016/j.micpath.2023.106439

Global diversity and antimicrobial resistance of typhoid fever pathogens: Insights from a meta-analysis of 13,000 *Salmonella* Typhi genomes

2023

Megan E Carey Zoe A Dyson Danielle J Ingle Afreenish Amir Mabel K Aworh Marie Anne Chattaway Ka Lip Chew John A Crump Nicholas A Feasey Benjamin P Howden Benjamin P Howden Karen H Keddy Mailis Maes Christopher M Parry Sandra Van Puyvelde Hattie E Webb Ayorinde Oluwatobiloba Afolayan Anna P Alexander Shalini Anandan Jason R Andrews Philip M Ashton Buddha Basnyat Ashish Bavdekar Isaac I Bogoch John D Clemens Kesia Esther da Silva Anuradha De Joep de Ligt Paula Lucia Diaz Guevara Christiane Dolecek Shanta Dutta Marthie M Ehlers Louise Francois Watkins Denise O Garrett Gauri Godbole Melita A Gordon Andrew R Greenhill Chelsey Griffin Madhu Gupta Rene S Hendriksen Robert S Heyderman Yogesh Hooda Juan Carlos Hormazabal Odion O Ikimiukor Junaid Iqbal Jobin John Jacob Claire Jenkins Dasaratha Ramaiah Jinka Jacob John Gagandeep Kang Abdoulie Kanteh Arti Kapil Abhilasha Karkey Samuel Kariuki Robert A Kingsley Roshine Mary Koshy AC Lauer Myron M Levine Ravikumar Kadamalli Lingegowda Stephen P Luby Grant Austin Mackenzie Tapfumaneni Mashe Chisomo Msefula Ankur Mutreja Geetha Nagaraj Savitha Nagaraj Satheesh Nair Take K Naseri Susana Nimarota-Brown Elisabeth Njamkepo Iruka N Okeke Sulochana Putli Bai Perumal Andrew J Pollard Agila Kumari Pragasaam Firdausi Qadri Farah N Qamar Sadia Isfat Ara Rahman Savitra Devi Rambocus David A Rasko Pallab Ray Roy Robins-Browne Temsunaro Rongsen-Chandola Jean Pierre Rutanga Samir K Saha Senjuti Saha Karnika Saigal Mohammad Saiful Islam Sajib Jessica C Seidman Jivan Shakya Varun Shamanna Jayanthi Shastri Rajeev Shrestha Sonia Sia Michael J Sikorski Ashita Singh Anthony M Smith Kaitlin A Tagg Dipesh Tamrakar Arif Mohammed Tanmoy Maria Thomas Mathew S Thomas Robert Thomsen Nicholas R Thomson Siao Si Tupua Krista Vaidya Mary Valcanis Balaji Veeraraghavan François-Xavier Weill Jackie Wright Gordon Dougan Silvia Argimón Jacqueline A Keane David M Aanensen Stephen Baker Kathryn E Holt Peter Aaby Ali Abbas Saadia Andleeb Abraham Aseffa Kate S Baker Adwoa Bentsi-Enchill Robert F Breiman Carl Britto Josefina Campos Chih-Jun Chen Chien-Shun Chiou Viengmon Davong Abul Faiz Danish Gul Rumina Hasan Mochammad Hatta Aamer Ikram Lupeoletalelei Isaia Jan Jacobs Simon Kariuki Fahad Khokhar Elizabeth Klemm Laura MF Kuijpers Gemma Langridge Kruy Lim Octavie Lunguya Francisco Luquero Calman A MacLennan Florian Marks Masatomo Morita Mutinta Muchimba James CL Mwansa Kapambwe Mwape Jason M Mwenda John Nash Kathleen M Neuzil Paul Newton Stephen Obaro Sophie Octavia Makoto Ohnishi Michael Owusu Ellis Owusu-Dabo Se Eun Park Julian Parkhill Duy Thanh Pham Marie-France Phoba Derek J Pickard Raphael Rakotozandrainy Pilar Ramon-Pardo Farhan Rasheed Assaf Rokney Priscilla Rupali Ranjit Sah Sadia Shakoor Michelo Simuyand Arvinda Sooka Jeffrey D Stanaway A Duncan Steele Bieke Tack Adama Tall Neelam Taneja Mekonnen Teferi Sofonias Tessema Gaetan Thilliez Paul Turner James E Ussher Annavi Marie Villanueva Bart Weimer Vanessa K Wong Raspail Carrel Founou
eLife, Pages 1-46

Impact Factor: 7.7 | **Quartile:** 1 | **Citations:** 43

DOI: <https://doi.org/10.7554/eLife.85867>

Assesment of polyphenolic compounds against biofilms produced by clinical *Acinetobacter baumannii* strains using in silico and in vitro models

2023

Laraib Mumtaz Arshad Farid Suliman Yousef Alomar Naushad Ahmad Asif Nawaz Saadia Andleeb Adnan Amin
Saudi Journal of Biological Sciences, Volume:30, Issue:9, Article Number:103743

Impact Factor: 4.4 | **Quartile:** 1 | **Citations:** 6

DOI: 10.1016/j.sjbs.2023.103743

Intensive care unit sinks are persistently colonized with multidrug resistant bacteria and mobilizable, resistance-conferring plasmids

2023

Luke Diorio-Toth Meghan A. Wallace Christopher W. Farnsworth Bin Wang Danish Gul Jennie H. Kwon Saadia Andleeb Carey-Ann D. Burnham Gautam Dantas
mSystems, Vol:08, No. 4, Article Number: e00206-23

Impact Factor: 6.4 | **Quartile:** 1 | **Citations:** 19

DOI: 10.1128/msystems.00206-23

High resistance of fluoroquinolone and macrolide reported in avian pathogenic *Escherichia coli* isolates from the humid subtropical regions of Pakistan

2023

Amna Jalil Saleha Masood Qurtaul Ain Saadia Andleeb Edward G. Dudley Fazal Adnan
Journal of Global Antimicrobial Resistance, Volume 33, Pages 5-17

Impact Factor: 4.349 | **Quartile:** 2 | **Citations:** 3

DOI: 10.1016/j.jgar.2023.01.009

Genomic Surveillance of Clinical *Pseudomonas aeruginosa* Isolates Reveals an Additive Effect of Carbapenemase Production on Carbapenem Resistance 2022

Luke Diorio-Toth Sidra Irum Robert F. Potter Meghan A. Wallace Muhammad Arsalan Tehmina Munir Saadia Andleeb Carey-Ann D. Burnham Gautam Dantas
Microbiology Spectrum , Volume 10, Issue 3, Article Number e00766-22

Impact Factor: 9.043 | **Quartile:** 1 | **Citations:** 10

DOI: 10.1128/spectrum.00766-22

Evaluation of Blood-Brain-Barrier Permeability, Neurotoxicity, and Potential Cognitive Impairment by *Pseudomonas aeruginosa*'s Virulence Factor Pyocyanin 2022

Muhammad Ibrahim Rashid Habiba Rashid Saadia Andleeb Amjad Ali
Oxidative Medicine and Cellular Longevity , Volume 2022, Article ID 3060579

Impact Factor: 6.543 | **Quartile:** 2 | **Citations:** 9

DOI: <https://doi.org/10.1155/2022/3060579>

In-Silico Vaccine Design Based on a Novel Vaccine Candidate Against Infections Caused by *Acinetobacter baumannii* 2021

Kashaf khalid Sidra Irum Sidra Rahmat Ullah Saadia Andleeb
International Journal of Peptide Research and Therapeutics , Volume 28, Issue 1, Article Number 16

Impact Factor: 2.191 | **Quartile:** 4 | **Citations:** 24

DOI: 10.1007/s10989-021-10316-7

Quest for Novel Preventive and Therapeutic Options Against Multidrug-Resistant *Pseudomonas aeruginosa* 2021

Sidra Irum Saadia Andleeb Amjad Ali Muhammad Ibrahim Rashid Mahnoor Majid
International Journal of Peptide Research and Therapeutics , Volume 27, Issue 4, Pages 2313-2331

Impact Factor: 2.191 | **Quartile:** 4 | **Citations:** 3

DOI: 10.1007/s10989-021-10255-3

Antimicrobial Resistance and Genomic Characterization of Six New Sequence Types in Multidrug-Resistant *Pseudomonas aeruginosa* Clinical Isolates from Pakistan 2021

Sidra Irum Kanwal Naz Nimat ullah Zeeshan Mustafa Amjad Ali Muhammad Arsalan Kashaf Khalid Saadia Andleeb
Antibiotics-Basel , Volume 10, Issue 11, Article Number 1386

Impact Factor: 5.222 | **Quartile:** 1 | **Citations:** 9

DOI: 10.3390/antibiotics10111386

Antibiotic-mediated expression analysis of Shiga toxin 1 and 2 in multi-drug-resistant Shiga toxigenic *Escherichia coli* 2021

Aniqa rehman Saadia Andleeb Sidra Rehmat Ullah Zeeshan Mustafa Danish Gul Khalid Mehmood
Folia Microbiologica , Volume 66, Issue 5, Pages 809-817

Impact Factor: 2.629 | **Quartile:** 3 | **Citations:** 5

DOI: 10.1007/s12223-021-00882-0

Genomic Investigation of Methicillin-Resistant *Staphylococcus aureus* ST113 Strains Isolated from Tertiary Care Hospitals in Pakistan 2021

Nimat Ullah Hamza Arshad Dar Kanwal Naz Saadia Andleeb Abdur Rahman Fazal Hanan Taeok Bae Amjad Ali Muhammad Tariq Saeed
Antibiotics-Basel , Volume 10(9), Article Number 1121

Impact Factor: 4.639 | **Quartile:** 2 | **Citations:** 9

DOI: <https://doi.org/10.3390/antibiotics10091121>

Identification of Vancomycin Resistance Determinants in Twin Cities of Rawalpindi/Islamabad 2021

Sidra Rahmat Ullah Saadia Andleeb Taskeen Raza Khalid Mehmood
Abasyn Journal of Life Sciences , Volume 4(1), Pages 112-118

Impact Factor: N/A

DOI: 10.34091/AJLS.4.1.13

Antimicrobial Resistance Profiling of Biofilm Forming Non Typhoidal *Salmonella enterica* Isolates from Poultry and Its Associated Food Products from Pakistan 2021

Abubakar Siddique Sara Azim Amjad Ali Saadia Andleeb Aitezaz Ahsan Muhammad Imran Abdur Rahman
Antibiotics , Volume 10(7), Article Number 785

Impact Factor: 4.639 | **Quartile:** 2 | **Citations:** 24

DOI: doi.org/10.3390/antibiotics10070785

Chemical Synthesis and Antipseudomonal Activity of Al-Doped NiO Nanoparticles 2021

Sidra Irum Saadia Andleeb Sumbal Sardar Zeeshan Mustafa Ghazanfar Ghaffar M. Mumtaz Mubasher Muhammad Arslan Mudassar Abbas

Draft genome sequence of an extensively drug-resistant neonatal *Klebsiella pneumoniae* isolate harbouring multiple plasmids contributing to antibiotic resistance 2020

Sidra Rahmat Ullah Mahnoor Majid Saadia Andleeb

Journal of Global Antimicrobial Resistance, Volume 23, Pages 100-101

Impact Factor: 4.035 | Quartile: 2 | Citations: 5

DOI: <https://doi.org/10.1016/j.jgar.2020.08.008>

Association of hepatitis E seropositivity and altered progesterone levels in pregnant women of low socioeconomic status from capital region of Pakistan 2020

Nida ul Fatima Rabia Anwar Tahir Ahmed Baig Khalid Mehmood Saadia Andleeb

Journal of the Pakistan Medical Association, Volume 70, Issue 12, Pages 2119-2123

Impact Factor: 0.781 | Quartile: 4 | Citations: 1

DOI: 10.47391/JPM.03-335

Immunoinformatics Driven Prediction of Multiepitopic Vaccine Against *Klebsiella pneumoniae* and *Mycobacterium tuberculosis* Coinfection and Its Validation via In Silico Expression 2020

Khalid Mehmood Sidra Rahmat Ullah Mahnoor Majid Muhammad Ibrahim Rashid Saadia Andleeb

International Journal of Peptide Research and Therapeutics, Pages 1-13

Impact Factor: 1.931 | Quartile: 4 | Citations: 22

DOI: <https://doi.org/10.1007/s10989-020-10144-1>

Novel Antibiotic Combinations of Diverse Subclasses for Effective Suppression of Extensively Drug-Resistant Methicillin-Resistant *Staphylococcus aureus* (MRSA) 2020

Shumyila Nasir Muhammad Sufyan Vohra Danish Gul Umm E Swaiba Maira Aleem Saadia Andleeb Khalid Mehmood

International Journal of Microbiology, Volume 2020, Article ID 8831322, 10 pages

Impact Factor: 0 | Citations: 2

DOI: <https://doi.org/10.1155/2020/8831322>

Tetracycline-inactivating enzymes from environmental, human commensal, and pathogenic bacteria cause broad-spectrum tetracycline resistance 2020

Bin Wang Luting Fang Sidra Irum Chanez T. Symister Meghan Wallace Carey-Ann D. Burnham Saadia Andleeb Niraj H. Tolia Timothy A. Wenciewicz Andrew

J. Gasparrini Jana L. Markley Hirdesh Kumar Gautam Dantas

Communications Biology, Volume 3, Article Number 241

Impact Factor: 6.268 | Quartile: 1 | Citations: 135

DOI: <https://doi.org/10.1038/s42003-020-0966-5>

Evaluation of Pyocyanin induced systemic pathogenicity of *Pseudomonas aeruginosa* 2020

Muhammad Ibrahim Rashid Saadia Andleeb Amjad Ali

Pakistan Journal of Pharmaceutical Sciences, Volume 33, No.3, Pages 915-922

Impact Factor: 0.562 | Quartile: 4 | Citations: 7

DOI: doi.org/10.36721/PJPS.2020.33.3.REG.915-922.1

Isolation and characterization of bacteriophage to control multidrug-resistant *Pseudomonas aeruginosa* planktonic cells and biofilm 2020

Muhammad Adnan Muhammad Rahman Ali Shah Muhsin Jamal Fazal Jalil Saadia Andleeb Muhammad Asif Nawaz Sidra Pervez Tahir Hussain Ismail Shah

Muhammad Imran Atif Kamil

Biologicals, Volume 63, Pages 89-96

Impact Factor: 1.856 | Quartile: 4 | Citations: 64

DOI: <https://doi.org/10.1016/j.biologicals.2019.10.003>

Designing a multi-epitopic vaccine against the enterotoxigenic *Bacteroides fragilis* based on immunoinformatics approach 2019

Mahnoor Majid Saadia Andleeb

Scientific Reports, Volume: 9, Article Number: 19780

Impact Factor: 3.998 | Quartile: 1 | Citations: 45

DOI: DOI: 10.1038/s41598-019-55613-w

Phenotypic and genotypic characterization of linezolid-resistant *Enterococcus faecium* from the USA and Pakistan 2019

Kate E Wardenburg Robert F Potter Alaric W D'Souza Tahir Hussain Meghan A Wallace Saadia Andleeb Carey-Ann D Burnham Gautam Dantas

Journal of Antimicrobial Chemotherapy, Volume 74, Issue 12, Pages 3445-3452

- Impact Factor:** 5.439 | **Quartile:** 1 | **Citations:** 36
DOI: DOI: 10.1093/jac/dkz367
- Spatiotemporal dynamics of multidrug resistant bacteria on intensive care unit surfaces** 2019
Alaric W. D'Souza Robert F. Potter Meghan Wallace Angela Shupe Sanket Patel Xiaoqing Sun Danish Gul Jennie H. Kwon Saadia Andleeb Carey-Ann D. Burnham Gautam Dantas
Nature Communications , Volume 10, Article Number 4569
Impact Factor: 12.121 | **Quartile:** 1 | **Citations:** 54
DOI: <https://doi.org/10.1038/s41467-019-12563-1>
- Formulation of active packaging system using Artemisia scoparia for enhancing shelf life of fresh fruits** 2019
Javaria Hanif Nauman Khalid Rao Sanaullah Khan Muhammad Faraz Bhatti Mohammad Qasim Hayat Muhammad Ismail Saadia Andleeb Qaiser Mansoor Faria Khan Fahim Ameen Rumeza Hanif Muhammad Uzair Hashmi Hussnain Ahmed Janjua
Materials Science and Engineering C , Volume 100, Pages 82-93
Impact Factor: 5.880 | **Quartile:** 1 | **Citations:** 20
DOI: <https://doi.org/10.1016/j.msec.2019.02.101>
- Fishing for vaccines against Vibrio cholerae using in silico pan-proteomic reverse vaccinology approach** 2019
Muhammad Ibrahim Rashid Sammia Rehman Amjad Ali Saadia Andleeb
PeerJ , Volume: 7, Article Number: e6223
Impact Factor: 2.379 | **Quartile:** 2 | **Citations:** 10
DOI: 10.7717/peerj.6223
- Draft Genome Sequence of a blaNDM and blaPME-1 Harboring Pseudomonas aeruginosa Clinical Isolate from Pakistan** 2019
Sidra Irum Robert F. Potter Rubina Kamran Zeeshan Mustafa Meghan A. Wallace Carey-Ann D. Burnham Gautam Dantas Sidra Irum Robert F. Potter Rubina Kamran Zeeshan Mustafa Meghan A. Wallace Carey-Ann D. Burnham Gautam Dantas Saadia Andleeb
Microbiology Resource Announcements , Volume: 8, Issue: 17, Article Number: e00107-19
Impact Factor: - | **Citations:** 1
DOI: DOI:10.1128/MRA.00107-19
- Isolation, characterization and efficacy of phage MJ2 against biofilm forming multi-drug resistant Enterobacter cloacae** 2019
Muhsin Jamal Saadia Andleeb Fazal Jalil Muhammad Imran Muhammad Asif Nawaz Tahir Hussain Muhammad Ali Sadeeq ur Rahman Chythanya Rajanna Das
Folia Microbiologica , Volume: 64, Issue: 1, Pages: 101-111
Impact Factor: 1.730 | **Quartile:** 3 | **Citations:** 47
DOI: 10.1007/s12223-018-0636-x
- Functional Annotation and Analysis of Dual Oxidase 1 (DUOX1): a Potential Anti-pyocyanin Immune Component** 2018
Muhammad Ibrahim Rashid Saadia Andleeb Amjad Ali
Interdisciplinary Sciences: Computational Life Sciences , Volume: 10, 27 November 2018
Impact Factor: 0.796 | **Quartile:** 3 | **Citations:** 1
DOI: 10.1007/s12539-018-0308-1
- Superficieibacter electus gen. nov., sp. nov., an Extended-Spectrum β -Lactamase Possessing Member of the Enterobacteriaceae Family, Isolated From Intensive Care Unit Surfaces** 2018
Danish Gul Saadia Andleeb Robert F. Potter Alaric W. D'Souza Meghan A. Wallace Angela Shupe Sanket Patel Jennie H. Kwon Wandy Beatty Carey-Ann D. Burnham Gautam Dantas
Frontiers in Microbiology , 2018, 9:1629
Impact Factor: 4.259 | **Quartile:** 1 | **Citations:** 7
DOI: 10.3389/fmicb.2018.01629
- In silico drug repurposing via chemical-protein interaction analysis, a proof-of-concept study: targeting pyocyanin based virulence of antibiotic resistant Pseudomonas aeruginosa** 2018
Muhammad Ibrahim Rashid Parkha Tariq Habiba Rashid Amjad Ali Saadia Andleeb
International Journal of Biosciences , NULL
Impact Factor: 0
DOI: 10.12692/ijb/12.3.77-86
- Isolation and characterization of a bacteriophage and its utilization against multi-drug resistant Pseudomonas aeruginosa-2995.** 2017
Saadia Andleeb Muhsin Jamal Fazal Jalil Muhammad Imran Muhammad Asif Nawaz Tahir Hussain Muhammad Ali Chythanya Rajanna Das
Life Sciences , 2017. 190:21-28, NULL

Impact Factor: 3.234 Quartile: 2 Citations: 45 DOI: 10.1016/j.lfs.2017.09.034	
Draft genome sequence of a Salmonella enterica serovar Typhi strain resistant to fourth-generation cephalosporin and fluoroquinolone antibiotics <i>Saadia Andleeb Danish Gul Hurmat Riaz Shifa Tariq Ashraf Amjad Ali Robert F. Potter Meghan A. Wallace Tehmina Munir Carey-Ann Burnham Gautam Dantas</i> <i>Genome Announcements</i> , Vol.5, Article No.e00850-17 Impact Factor: N/A Citations: 10 DOI: 10.1128/genomeA.00850-17	2017
Effectiveness of a lytic phage SRGI against vancomycin resistant Enterococcus faecalis in compost and soil <i>Sidra Rahmat Ullah Saadia Andleeb Taskeen Raza Muhsin Jamal Khalid Mehmood</i> <i>BioMed Research International</i> , Volume 2017, Article ID 9351017, 8 pages Impact Factor: 2.583 Quartile: 2 Citations: 18 DOI: https://doi.org/10.1155/2017/9351017	2017
Effectiveness of a Lytic Phage SRG1 against Vancomycin-Resistant Enterococcus faecalis in Compost and Soil <i>Sidra Rahmat Ullah Taskeen Raza Saadia Andleeb Muhsin Jamal Khalid Mehmood</i> <i>BioMed Research International</i> , NULL Impact Factor: 2.583 Quartile: 2 Citations: 18 DOI: 10.1155/2017/9351017	2017
Draft Genome Sequence of the blaOXA-436- and blaNDM-1-Harboring Shewanella putrefaciens SA70 Isolate <i>Robert F. Potter Alaric W. D'Souza Meghan A. Wallace Angela Shupe Sanket Patel Jennie H. Kwon Saadia Andleeb Carey-Ann D. Burnham (Corresponding Author) Gautam Dantas (Corresponding Author) Danish Gul</i> <i>Genome Announcement</i> , Volume: 5, Issue: 29, Article Number: e00644-17 Impact Factor: 0 Citations: 7 DOI: 10.1128/genomeA.00644-17	2017
Prediction of vaccine candidates against Pseudomonas aeruginosa: An integrated genomics and proteomics approach <i>Muhammad Ibrahim Rashid Anam Naz Amjad Ali Saadia Andleeb</i> <i>Genomics</i> , GENOMICS Volume: 109 Issue: 3-4 Pages: 274-283 Impact Factor: 2.91 Quartile: 2 Citations: 68 DOI: 10.1016/j.ygeno.2017.05.001	2017
Synergy and Order Effects of Antibiotics and Phages in Killing Pseudomonas aeruginosa Biofilms <i>Waqas Nasir Chaudhry Jeniffer Concepcion Acevedo Taehyun Park Saadia Andleeb James J. Bull Bruce R. Levin</i> <i>PLoS ONE</i> , Volume: 12 Issue: 1 Impact Factor: 2.766 Quartile: 1 Citations: 310 DOI: 10.1371/journal.pone.0168615	2017
Evaluation of machine learning and rules-based approaches for predicting antimicrobial resistance profiles in gram-negative bacilli from whole genome sequence data <i>Mitchell W. Pesesky Meghan Wallace Sanket Patel Saadia Andleeb Carey-Ann D. Burnham (Corresponding Author) Gautam Dantas (Corresponding Author) Tahir Hussain</i> <i>Frontiers in Microbiology</i> , Volume: 7, Article Number: 1887 Impact Factor: 4.076 Quartile: 1 Citations: 78 DOI: 10.3389/fmicb.2016.01887	2016
Extended Spectrum Beta Lactamase producing Cephalosporin resistant Salmonella Typhi, reported from Rawalpindi, Pakistan. <i>Munir Lodhi Tehmina Munir Jawad Khaliq Ansari Saadia Andleeb Mushtaq Ahmed</i> <i>Journal Of Pakistan Medical Association</i> , Volume: 66, Issue: 8, Pages: 1035-1036 Impact Factor: 0.616 Quartile: 4 DOI: PMID: 27524545	2016
A New Broad-Spectrum Peptide Antibiotic Produced by Bacillus brevis Strain MH9 Isolated from Margalla Hills of Islamabad, Pakistan <i>Syed Aun Muhammad Amjad Ali Anam Naz Afreenish Hassan Naeem Riaz Syed Saeed-ul-Hassan Saadia Andleeb Debmalya Barh</i> <i>International Journal of Peptide Research and Therapeutics</i> , Volume: 22 Issue: 2 Pages: 271-279	2016

Impact Factor: 0.904 Quartile: 4 Citations: 11 DOI: DOI:10.1007/s10989-015-9508-2	
Survivability of Polyethylene Degrading Microbes in the Presence of Titania Nanoparticles <i>Ishtiaq A Qazi Saadia Andleeb Aashifa Yaqoob Salma Alvi MUHAMMAD ANWAR BAIG Chaudary Tahir Mahmood</i> <i>Journal of Nanomaterials and Molecular Nanotechnology</i> , Published 2016 Impact Factor: N/A DOI: http://dx.doi.org/10.4172/2324-8777.1000185	2016
Clinico-microbiological study and antibiotic resistance profile of mecA and ESBL gene prevalence in patients with diabetic foot infections <i>Waqas Nasir Chaudhry Rabia Badar Muhsin Jamal Jason Jeong Jamal Zafar Saadia Andleeb</i> <i>Experimental and Therapeutic Medicine</i> , Volume 11, Issue 3, Pages: 1031-1038 Impact Factor: 1.261 Quartile: 4 Citations: 21 DOI: DOI:10.3892/etm.2016.2996	2016
Isolation and Characterization of a Myoviridae MJ1 Bacteriophage Against Multi-Drug Resistant Escherichia coli 3 <i>Muhsin Jamal Tahir Hussain Chythanya Rajanna Das Saadia Andleeb</i> <i>Jundishapur Journal of Microbiology</i> , Volume: 8, Issue: 11, Article Number: e25917 Impact Factor: 0.655 Quartile: 4 Citations: 42 DOI: 10.5812/ijm.25917	2015
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