



Name:- Rasha Mohammad Fathy Ahmad Barwa.

Position:- Associate Professor of Microbiology and Immunology,
Faculty of Pharmacy, Mansoura University.

Head of Microbiology and Immunology Department from
1/8/2016 till now

Education:- General microbiology, Pharmaceutical microbiology,
Parasitology, Medical microbiology and immunology,
Antimicrobial agent.

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Research interests: Microbial resistance- Microbial Pathogenesis

Selected Publications:

- 1-Synthesis of some new [1,2,4] triazolo[3,4-b][1,3,4]thiadiazines and [1,2,4]triazolo[3,4-b][1,3,4] thiadiazoles starting from 5-nitro-2-furoic acid and evaluation of their antimicrobial activity. *Bioorganic and Medicinal Chemistry*. 19: 4506–4512. DOI: 10.1016/j.bmc.2011.06.024.
- 2- Control of quorum sensing and virulence factors of *Pseudomonas aeruginosa* using phenylalanine arginyl β -naphthylamide. *Journal of medical microbiology*. 65, 1194–1204. DOI 10.1099/jmm.0.000327
- 3- Studies on isolation and inhibitory effect on food-borne pathogens from raw milk in Egypt by natural oils. *Pakistan Journal of Pharmaceutical Sciences*. Accepted on 10 Jan 2017
- 4- Association between virulence factors and extended spectrum beta-lactamase producing *Klebsiella pneumoniae* compared to nonproducing isolates. *Interdisciplinary Perspectives on Infectious Diseases*. Volume 2017, Article ID 7279830, 14 pages. <https://doi.org/10.1155/2017/7279830>
- 5- Molecular characterization of *Klebsiella pneumoniae* clinical isolates with elevated resistance to carbapenems. *The Open Microbiology Journal*. 11, 152-159. DOI: 10.2174/1874285801711010152.

- 6- Shaaban Mona, Ahmed A. Al-Qahtani, Mohammed N. Al-Ahdal, and Barwa Rasha: Molecular characterization of resistance mechanisms in *Pseudomonas aeruginosa* isolates resistant to carbapenems. JIDC. In press
- 7- Rana El-baz, Dina E. Rizk, Rasha Barwa, Ramadan Hassan: Virulence characteristics and molecular relatedness of methicillin resistant *Staphylococcus aureus* harboring different Staphylococcal cassette chromosome *mec*. Microb. Pathogenesis. In press

Patents: None

Recognitions:

- The prize for best Master Thesis- University of Mansoura - 9/7/2004.
- The prize for best Ph.D. Thesis - University of Mansoura - 30/6/2010.
- Scientific Publishing incentives Awards- 2011- 2013.
- Incentive University Award- University of Mansoura 28/12/2016

Link to detailed C.V:
http://pharfac.mans.edu.eg/media/cat_upload/logo_1016837462.pdf

Link to Personal site: None

Other links: Google scholar:

<https://scholar.google.com.eg/citations?hl=en&user=Pzxi4hkAAAAJ>

ResearchGate: https://www.researchgate.net/profile/Rasha_Barwa

Scopus: <https://www.scopus.com/authid/detail.uriauthorId=41761048100>