AHMED HASSAN AHMED GABALLAH (Ph.D)

Personal DATA

- Nationality: Egyptian
- Date of Birth: 24/1/1981
- Place of Birth: Alexandria Egypt
- Email Address: ahmed.gaballah@alexu.edu.eg, ahmed_hassan24@hotmail.com
- Job Title: - Lecturer of Microbiology, Medical Research Institute, Alexandria University

Education

- PhD degree of Molecular Microbiology, University of Bonn (September 2012)
- Master Degree of Microbiology, Faculty of Pharmacy, University of Alexandria (June 2007)
- Bachelor of Pharmaceutical Sciences (June 2002) - Faculty of Pharmacy- University of Alexandria.

Language and computer skills:

- Arabic: mother tongue
- English: Excellent
- German: Very Good
- Computer: Very good user of windows and all office applications.

Work Experience

- Lecturer of microbiology, Medical Research Institute, University of Alexandria (current)
- DAAD PhD scholarship holder (2008-2012)
- PhD student, Institute for microbiology and biotechnology, University of Bonn (2009 - 2012)

- Collegiate PhD student, graduate school, BIOTECH-PHARMA, University of Bonn (2009-2012)
- Assistant lecturer of microbiology, Medical Research Institute, University of Alexandria (2007-2009)
- Demonstrator of microbiology, Medical Research Institute, University of Alexandria (2003-2007)

Current Job Description and Responsibilities

Teaching:

- Participation in teaching theoretical and practical courses for post-graduate students for master and PhD degrees in Diagnostic Molecular Microbiology.
- Supervising post-graduate students for master and PhD theses.
- Teaching theoretical and practical courses of Diagnostic Microbiology and Medical Microbiology for undergraduate students, Faculty of science, Alexandria University (Industrial Microbiology and Applied Chemistry "IMAC" special program).
- Coordinator for the following course (Molecular Diagnostic Microbiology I, Molecular Diagnostic Microbiology II, Special Topics in Microbiology I, Special Topics in Microbiology II & Biosafety and infection control.

Research:

Research areas of interest include:

- Hepatitis viruses diagnosis and management as well as their role in carcinogenesis
- Human Microbiota and carcinogenesis.
- Molecular mechanisms of antibiotic resistance.

Other Responsibilities:

- Quality Manager of the Microbiology laboratory of the microbiology department, Medical Research Institute, Alexandria University.
- Routine quantitative PCR analyses for diagnosis and following up HCV, HBV, CMV and TB patients.

- DNA sequencing as part of research methodologies or for genotyping HCV infections.
- Routine microbiological analyses including cultures and sensitivities for outpatients and patients admitted to the Medical Research Institute hospital.
- Routine serological analyses for patients and blood bank bags for detection of HCV, HBV and HIV infections.

Scholarships and grants

PhD scholarship (2008-2012) funded by the German Academic Exchange Service (Deutescher Akademischer Austausch Dienst-DAAD)

PhD collegiate scholar (2009-2012) in the graduate school Biotech Pharma, Bonn University

A grant for chemicals and equipment (2009, 2010&2011) funded by BONFOR organization, for external students

A grant for small equipment (2012) funded by the German Academic Exchange Service (Deutescher Akademischer Austausch Dienst DAAD)

List of Academic Publications:

Original articles

1- Shawky SM, Gaballah AH, Abdallah A, Fadel S, El Kholy MA. **Automated Identification and Antifungal Susceptibility Testing of Candida Species using Vitek 2 Compact System in ICUs and Pediatric Oncology Unit, Alexandria, Egypt.** The Egyptian Journal of Medical Microbiology (EJMM). 2017 Jun 10;26(2).

2- Amin RM, Goweida MB, El Goweini HF, Bedda AM, Lotfy WM, Gaballah AH, Nadar AA, Radwan AE. **Trematodal granulomatous uveitis in paediatric Egyptian patients: a case series**. British Journal of Ophthalmology. 2017 Jun 9:bjophthalmol-2017.

3- Abdelshafy IA, Haleem AA, Khalil YA, Ghazal AA, Gaballah A. (2015) **Microbiology of Chronic Suppurative Otitis Media, Study of the Role of Bacterial Biofilm and**

Fungal Infection. J Otolaryngol ENT Res 3(1): 00051. DOI: 10.15406/joentr.2015.03.00051 DOI: 10.15406/joentr.2015.03.00051

4- Shawki M and A. Gaballah. „**The effect of low ac electric field on bacterial cell death**". Romanian Journal of Biophysics 2015. 25: P1.

5- Otten, C., S. De Benedetti, A. Gaballah, H. Bühl, A. Klöckner, J. Brauner, H. G. Sahl, and B. Henrichfreise. "**Co-Solvents as Stabilizing Agents during Heterologous Overexpression in Escherichia coli-Application to Chlamydial Penicillin-Binding Protein 6**." PloS one 10, no. 4 (2015): e0122110.

6- Stefania De Benedetti, Henrike Bühl, Ahmed Gaballah, Anna KLöckner, Christian Otten, Tanja Schneider, Hans-Georg Sahl, Beate Henrichfreise. **Characterization of serine hydroxymethyltransferase GlyA as a potential source of D-alanine in Chlamydia pneumoniae**. Front Cell Infect Microbiol, 2014. 4: p. 19.

7- Gaballah A, Kloeckner A, Otten C, Sahl H-G, Henrichfreise B (2011) **Functional Analysis of the Cytoskeleton Protein MreB from Chlamydophila pneumoniae**. PLoS ONE 6(10): e25129. doi:10.1371/journal.pone.0025129

Congress presentations

- Gaballah A, Naga I, Elsheredy A, Elsawaf G, Kader O. Prevalence of protease mutations in HCV-4 isolated from Egyptian patients. 2015. 22nd international symposium on HCV and related viruses, Strasbourg, France 09-13 October
- De Benedetti S, Gaballah A, Sahl HG, Henrichfreise B. Functional analysis of the translation elongation factor EF-Tu from Chlamydophila pneumoniae. 2011. Annual conference of the German Society for Hygiene and Microbiology (DGHM), Essen, 25th – 28th September.
- Gaballah A, Kloeckner A, Otten C, Sahl HG, Henrichfreise B. Functional analysis of the cytoskeleton protein MreB from Chlamydophila pneumoniae. 2011. International

Symposium of the International Graduate Resreach School (Biotech Pharma), Bonn. 16th-17th September.

- Kloeckner A, Gaballah A, Sahl HG, Henrichfreise B. Analysis of the chlamydial amidase AmiA. 2011. Annual conference of the Association of General and Applied Microbiology (VAAM), Karlsruhe. 3rd-6th April.
- Henrichfreise B, Gaballah A, Poellinger C, Kloeckner A, Otten C, Sahl HG. 2011. Peptidoglycan biosynthesis and cell division in cell wall-lacking bacteria. 5th Biennal Meeting of the Chlamydia Basic Research Society. Redondo Beach, CA, 18th -21st March. (Talk)
- Gaballah A, Klöckner A, Schneider T, Müller A, Sahl HG, Henrichfreise B. 2011. Peptidoglycan biosynthesis and cell division in cell wall-lacking bacteria. Deutscher Chlamydienworkshop. Ascona, Switzerland. 22nd -25th February. (Talk)
- Henrichfreise B, Gaballah A, Poellinger C, Kloeckner A, Otten C, Sahl HG. Peptidoglycan biosynthesis and cell division in cell wall-lacking bacteria. 2010. Gordon Research Conference: Bacterial Cell Surfaces, New London, NH, 27th June - 2nd July.
- Henrichfreise B, Gaballah A, Poellinger C, Kloeckner A, Otten C, Sahl HG. Analysis of the cytoskeleton protein MreB from Chlamydia pneumonia. 2010. Annual Joint Conference of the Association for General and Applied Microbiology (VAAM) and the German Society for Hygiene and Microbiology (DGHM), Hannover. 28th - 31st March.
- Henrichfreise B, Gaballah A, Poellinger C, Kloeckner A, Otten C, Sahl HG. 2010. Analysis of the chlamydial cytoskeleton protein MreB. Chlamydienworkshop 2010. Herrsching bei Muenchen, 24th -26th February.