

## Riham MAHFOUZ

**Academic title / profession: Assistant Prof. And researcher in Medicinal biochemistry, MD, PhD.**

**Nationality: Egyptian, Swiss C permit**

**Date of birth: 24/10/1974**

**Home address: Rainenweg 66, Reinach 4153, Switzerland**

**Telephone number: +41 (0765399806)**

**Email: riham.mahfouz@usb.ch**

### Personal profile:

- Medical researcher/ clinical studies project scientist, and assistant Professor of molecular biology, in Egypt.
- Multidisciplinary and team-oriented clinical project manager with demonstrated expertise in the areas of Biotechnology research.
- Working independently at all stages of clinical trials from experimental design to implementation and reporting with over 15 years of experience as project scientist and as lecturer of medical biochemistry, specialized in molecular biology tutoring.
- Great communication skills and inter-cultural communication expertise (**MAS of Conflict managements, From University Basel, 2015**).
- Well organized and systematic, methodical work approach.

### Education / Professional qualifications:

- Diploma of drug development (ECPM) Clinical trial unit, Basel University, Current.
- Master (MAS) of peace and conflict transformation, Basel University, Switzerland, 2015.  
Master thesis : **Analytical study of Pre-departure training programs for health workers in conflict and fragile zones.**
- Bachelor of Human medicine and surgery, MB.BCh (1998) , and MD in Medical Biochemistry and Molecular Biology, *Faculty of Medicine, Egypt, 2007*

### Work experience:

Duration	<b>August 2016- till now</b>
Position	<b>Research assistant intern in CRIB (Cardiovascular Research Institute Basel) In University hospital Basel, with Prof.Christian Mueller Research group.</b>
Key responsibilities •	Clinical research data management and interpretations, Medical and Scientific/organizational support to clinical research activities and programs of all phases of development.
Company	CRIB, University hospital Basel.
Country	Basel, Switzerland.

Duration	<b>2011-2014</b>
Position	<b>Assistant Prof. medical biochemistry</b>
Key responsibilities	Working with my team on different research projects, see publications.
Company	School of medicine, Menofiya University.
Country	Egypt

Duration	<b>2007–2010</b>
Position	<b>Project Scientist and Lecturer Medical Biochemistry</b>
Key responsibilities	<ul style="list-style-type: none"> <li>• Established techniques and implemented research projects in order to investigate the importance of single nucleotide polymorphisms(SNPs) in the development of preeclampsia of pregnancy, liver diseases and other human diseases.</li> <li>• Analyzing the frequency and distribution of Adiponectin SNP and its relationship to Adiponectin level in Egyptian patients with Type 2 Diabetes mellitus.</li> <li>• Determination of the distribution of Interleukin-6 polymorphism in an obese Egyptian cohort.</li> <li>• Set up DNA fragmentation test to study the role of L-carnitine in DNA degradation in b- thalassemia patients.</li> <li>• Determination of markers of apoptosis and inflammation in chronic hepatitis patients.</li> <li>• Training of junior staff and supervised undergraduate students during a research project.</li> <li>• Tutoring academic lectures and practical sections of medical biochemistry for undergraduate students.</li> <li>• Holding monthly scientific seminars and leading open discussion for postgraduate students.</li> </ul>
Company	School of medicine, Menofiya University.
Country	Egypt

Duration	<b>2003-2007</b>
Position	<b>PhD student of Molecular biology</b>
Key responsibilities	<ul style="list-style-type: none"> <li>• Organization and conducted (under the supervision of my advisors) a research project for Telomerase activity to determine the prognosis of chest malignancies in Egyptian patients using quantitative analysis ( RT-PCR).</li> <li>• Attending different training courses in this period on different biotechnology andmolecular biology techniques ( see list of professional trainings).</li> <li>• Torturing practical sessions for medical students on basic biochemistry techniques and principles.</li> <li>• Attending conferences in the field of molecular biology and medical biotechnology.</li> <li>• My research focus at this period was towards the discovery of the prognostic value of telomerase Ez. in different medical samples from common types of cancers.</li> </ul>
Company	School of medicine, Menofiya University.
Country	Egypt.

### **Technical skills:**

Project management:

- Design, funding and implementation of research projects
- Leading a working team in clinical research project.

#### Teaching

- Clinical/ research project design and supervision of MSc, MD and PhD students
- Organization of practical courses for high-school graduate
- Seminar leader in tutorials for medical and pharmaceutical students.

#### Molecular Biology & Biochemistry

- PCR, RT-PCR, DNA and RNA isolation RNA stability assay, real time PCR, ELISA.
- Basic knowledge to Western Blot analysis, fusion proteins, Cell culture (cultivation/transfection, isolation of primary cells), Allelic discrimination (LightCycler, TaqMan).

#### IT-skills

- MS-Office , Adobe Photoshop, STATA & SPSS.

#### Languages:

- English: Excellent written and spoken
- German: Sufficient for interaction in work (B2).
- Arabic: Mother tongue.

**Relevant trainings, workshops and seminars:**

1. Design of a diagnostic accuracy and benefit medical studies course **Freiburg University, Germany.2014**
2. The use of STATA in regression analysis in medical research course **Freiburg University, Germany. 2013**
3. Designing a diagnostic study, May 2014, **Freiburg University, Germany.**
4. STATA course, regression models use in medical analysis, **Freiburg University, Germany. 2013**
5. Stem cells workshop , faculty of medicine, **Cairo university, 2010**
6. Molecular techniques for diagnosis of salmonella, Menofiya University, 2009
7. Immunofluorescence workshop, Menofiya University, 2008
8. Flowcytometry workshop, Menofiya university, 2008
9. Project management workshop, Ain Shams University, 2008
10. Intensive training course in molecular diagnosis of diseases. Tanta University, department of clinical pathology. 2005.
11. Fluorescent in situ hybridization workshop (FISH). Tanta University, department of clinical pathology. 2005.
12. Statistical analysis of information to support decision taking, using SPSS program. Menofiya University. 2005.
13. Effective presentation, effective communication with people, effective teaching, methods of scientific research, thinking skills, creative thinking, time management. Faculty and leadership development project (FLDP), Menofiya University, 2005.

**Consulting experience:**

Post graduate master thesis supervisor, 2010

Thesis title: New bedside markers in early diagnosis of AMI.

**Professional affiliations, special appointments, memberships**

Member of editors of the UK Journal of Pharmaceutical and Bioscience.

**Publications:** (available on request)

- Ten peer reviewed publications in the field of medical biochemistry and molecular biology, published in renowned international journals.
- One Book, reviewed and Published ON Amazon.de and on LAP LAMBERT Academic Publishing Germany.

**References:**

*Available on request.*