

# Mohamed Habib Mohamed Habib

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## Home Address

11 Ezzat Salama Street  
Nasr City  
Cairo 11371  
Egypt  
(002) 02 22748509

## Work Address

Department of Microbiology and Immunology  
Faculty of Pharmacy  
Cairo University  
Kasr El-Aini Street  
Cairo 11562  
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Skype: mhabib87

## Languages

- |           |                        |
|-----------|------------------------|
| - Arabic  | Native                 |
| - English | Fluent/bilingual       |
| - Dutch   | Elementary proficiency |

## Date of Birth

April 8, 1987

## Education

PhD (Doctor of Philosophy) Jan 2020

Molecular Enzymology, Groningen Biomolecular Sciences  
and Biotechnology Institute, University of Groningen  
(Groningen, The Netherlands)  
Thesis Dissertation: *Exploring (per)oxidases as biocatalysts  
for the synthesis of valuable aromatic compounds*

MSc in Pharmaceutical Sciences July 2014

Faculty of Pharmacy Cairo University (Cairo, Egypt)  
Major: Microbiology and Immunology  
Thesis Dissertation: *Study on oxidoreductases produced by  
bacteria isolated from the Egyptian environment*

BSc in Pharmaceutical Sciences May 2009

Faculty of Pharmacy Cairo University (Cairo, Egypt)  
Honors: Distinction with honors (90.66%)

## Work Experience

Lecturer (Assistant Professor) May 2020 – Present

Faculty of Pharmacy Cairo University

Courses taught:

- Microbial Quality Control – Cosmetics (Diploma)
- Pathology and Parasitology (Undergraduate)
- Pharmaceutical Microbiology (Undergraduate)
- Systems Biology – Genomics (Diploma)
- Advanced Microbiological Techniques (Premasters Course)

Adjunct Faculty  
Egyptian Chinese University (ECU)  
Faculty of Pharmacy and Drug Technology  
Courses taught:  
- Cell Biology (Undergraduate)

February 2021 – July 2021

Adjunct Faculty  
British University in Egypt (BUE)  
Faculty of Pharmacy  
Courses taught:  
- Basic Microbiology (Undergraduate)

February 2021 – July 2021

Teaching Assistant  
University of Groningen  
Courses taught:  
- Biocatalysis and Membrane Enzymology (Practical)  
- Biochemistry (Practical)

Feb 2018  
April 2018/ April 2019

Assistant Lecturer  
Faculty of Pharmacy Cairo University  
Courses taught:

July 2014 – May 2020

- Basic Microbiology (Practical)
- Medical Microbiology (Practical)
- Pharmaceutical Microbiology (Practical)
- Parasitology and Pathology (Practical)
- Biotechnology (Practical)
- Cell Biology (Practical)

Demonstrator  
Faculty of Pharmacy Cairo University  
Courses taught:

Sept 2009 – July 2014

- Basic Microbiology (Practical)
- Medical Microbiology (Practical)
- Pharmaceutical Microbiology (Practical)
- Parasitology and Pathology (Practical)
- Biotechnology (Practical)
- Cell Biology (Practical)

Pharmacist  
Al Akkad Hospital Pharmacy  
Role:

Nov 2009 – Sept 2015

- Dispensing medication to inpatients and outpatients
- Inventory check-up

### Publications

A. Zayed, M.K. Mansour, M.S. Sedeek, M.H. Habib, R. Ulber, M.A. Farag *Crit. Rev. Biotechnol.* **2021**

U. Zitare, M.H. Habib, H.J. Rozeboom, M.L. Mascotti, S. Todorovic, M.W. Fraaije *FEBS J.* **2020**  
M.H. Habib, M. Trajkovic, M.W. Fraaije in *Applied Biocatalysis: The Chemist's Enzyme Toolbox*, Wiley, **2020**, 301-307.

S. Salama, T. Dishisha, M.H. Habib, A.Z. Abdelazem, W. Bakeer, M. Abdel-Latif, Y. Gaber *RSC Adv.* **2020**, 10, 32335-32344.

M.H. Habib, H.J. Rozeboom, M.W. Fraaije *Molecules* **2019**, 24, 1208.

M. Habib, M. Trajkovic, M.W. Fraaije *ACS Catal.* **2018**, 8, 5549-5552.

M.H.M. Habib, P.J. Deuss, N. Loncar, M. Trajkovic, M.W. Fraaije *Adv. Synth. Catal.* **2017**, 359, 3354-3361

G. de Gonzalo, D.I. Colpa, M.H.M. Habib, M.W. Fraaije *J. Biotechnol.* **2016**, 236, 110-119.

### Poster Presentations

M.H. Habib, H.J. Rozeboom, M.W. Fraaije, **2019** in: *GBB Symposium* Haren, The Netherlands  
M.H. Habib, H.J. Rozeboom, M.W. Fraaije **2019** in: *Biotrans 2019* Groningen, The Netherlands  
M.H. Habib, M. Trajkovic, M.W. Fraaije **2018** in: *Biocat 2018* Hamburg, Germany  
M.H. Habib, P.J. Deuss, N. Loncar, M. Trajkovic, M.W. Fraaije **2018** in: *NBV Meeting 2018*, Wageningen, The Netherlands  
M.H. Habib, P.J. Deuss, N. Loncar, M. Trajkovic, M.W. Fraaije **2017** in: *Biotrans 2017*, Budapest, Hungary  
M.H. Habib, R.K. Aziz, N.F. Abdeltawab, M.A. Ramadan, **2015** in: *Sixth International Scientific Conference of Faculty of Pharmacy Cairo University 2020 Vision for Pharmacy in Egypt*, Cairo, Egypt  
M.H. Habib, T.M. Essam, A.S. Attia, M.A. Amin, S.A. Megahed, **2013** in: *Industrial Biotechnology – Meeting the Challenges*, Lund, Sweden

### Oral Presentations

M.H. Habib **2018** Synthesis of syringaresinol from 2,6-dimethoxy-4-allylphenol using an oxidase/oxidase enzyme system, in: *Biocat 2018*, Hamburg, Germany (Lightning talk)  
M.H. Habib **2015** Discovery of novel robust microbial azo dye degraders, in: *Department of Microbiology and Immunology Faculty of Pharmacy Cairo University Scientific Symposium*, Cairo, Egypt

### Services

Peer reviewer for *Catalysis Letters Journal* Dec 2020  
Peer reviewer for *Microbiology Open Journal* Dec 2019

### Administrative tasks

Participated in the renewal of accreditation for Faculty of Pharmacy Cairo University by the National Authority for Quality Assurance and Accreditation of Education “NAQAAE” Oct 2020 – Mar 2021

### Awards and Fellowships

Egyptian Government PhD Fellowship Jan 2016 – Jan 2020

### Community Service

Member of Medical Convoy (Giza Governorate) Feb 2020