

## **CURRICULUM VITAE**

**Name:** Nourhan Mohamed El Samaloty  
**Academic degree:** Lecturer of Biochemistry  
**Department:** Biochemistry and Molecular Biology  
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**Google Scholar:** <https://scholar.google.com/citations?hl=en&user=r-TBRPEAAAAJ>



### **Personal Data:**

- Date of Birth: 23/11/1986
- Home Address: 16<sup>th</sup> El Sad EL Aly – Nasr City – Cairo – Egypt

### **Educational Degrees:**

- **Clinical Nutrition diploma in American University in Egypt. In Progress**
- **PhD degree in Pharmaceutical Sciences (Biochemistry)**, Faculty of Pharmacy, Cairo University (2015 - 2020).  
Thesis title: “**Assessment of certain long non-coding RNAs and mRNAs in Egyptian HCV patients**”.
- **Master degree in Pharmaceutical Sciences (Biochemistry)**, Faculty of Pharmacy, Cairo University (2010 - 2015).  
Thesis title: " **Estimating The Clinical impact of certain miRNAs in insulin resistance caused by chronic HCV "** - *The practical part was conducted in the university of Albuquerque New Mexico- USA- from May to July 2014.*
- **Bachelor Degree in Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University (2008) with an overall grade of “Very Good with honors”.

### **Academic and Work Experience:**

- **September 2023 up to date:** Vice dean assistant for education and student regulatory affairs , Lecturer - Department of Biochemistry - Faculty of pharmacy and Drug technology - Egyptian Chinese University.

- **September 2022 to September 2023:** Teaching Clinical American Board in Connect Academy in Egypt and Dubai.
- **November 2020 to August 2022:** Lecturer - Department of Biochemistry and Molecular Biology - Faculty of Pharmacy- Future University in Egypt
- **March 2015-2020:** Assistant-Lecturer - Department of Biochemistry and Molecular Biology - Faculty of Pharmacy - Future University in Egypt
- **September 2009-2015:** Teaching assistant - Department of Biochemistry and Molecular Biology - Faculty of Pharmacy - Future University in Egypt

### **Teaching:**

- A teaching member for *Medical Terminology & Cell biology* course for level one students
- A teaching member for *BioChemistry I* course for level two students.
- A teaching member for *BioChemistry II & Molecular Biology* course for level three students.
- A teaching member for *Clinical Biochemistry/ Clinical Nutrition* course for level four students.
- A teaching member for *Nutrition and diseases* course for level five students.

### **Online Teaching**

- Make interactive online sessions for undergraduate students using ZOOM.

### **Administrative and Faculty Activities:**

- Vice dean assistant for education and student regulatory affairs
- Vice Head of the Timetable Committee
- Vice Head of the Registration Committee
- Member of the “Instruments Committee” and “Biochemistry Department Research Plan Committee” in Biochemistry Department, Faculty of Pharmacy, Future University.
- Head of the “Schedule Committee” in Biochemistry Department, Faculty of Pharmacy, Future University.
- Academic Advisor for Pharm D students, Faculty of Pharmacy, Future University.
- Member of the “Academic Support Committee” for General Program students, Faculty of Pharmacy, Future University
- Member of “Precautionary Measures for COVID-19 Committee”, Future University.
- Participation in the preparation of the annual report and the annual conference and processing of quality files for Biochemistry Department, Faculty of Pharmacy, Future University.

### **Scientific Publications:**

- Ghada Ayeleen , Olfat G Shaker, Mohammed Gomaa, Mostafa M Magdy , **Nourhan Elsamaloty**, Ahmed S Kamel , Mahmoud A Senousy “Association of Epistatic Effects of lncRNA GAS5, miR-146a, IRAK-1, and miR-155 Genetic Variants with Multiple Sclerosis Risk and Severity 2025 ”. Molecular neurobiology 62 (8), 10742-106764
- Sherif Ashraf Fahmy, Asmaa Ramzy, **Nourhan M. El Samaloty**, Nada K. Sedky, and Hassan Mohamed El-Said Azzazy 2023"PEGylated Chitosan Nanoparticles Loaded with Betaine and Nedaplatin Hamper Breast Cancer: In Vitro and In Vivo Studies". ACS omega 8(44), 41485-41495
- Ashall Ilyas, YS Wijayasinghe, Ilyas Khan, Mohd Adnan, **Nourhan M. El Samaloty** 2022" Implications of TAMO and betaine in Human Health, Beyond Being Chemical Chaperones. Front. Mol. Biosci. doi: 10.3389/fmolb.2022.9646243. (Impact factor:6.1)
- **Nourhan M. El Samaloty**, Marwa I Shabayek , Ramy S Ghait , Shohda A El- Maraghy , Sherine M Rizk , Maha M El-Sawalhi, 2020" Assessment lncRNA GAS5, lncRNA HEIH, lncRNA BISP and its mRNA BST2 as serum innovative non-invasive biomarkers: Recent insights into Egyptian patients with hepatitis C virus type 4. World J Gastroenterol. 14;26(2):168-183.(Impact factor:4.5)
- **Nourhan M. El Samaloty**, Zeinab A. Hassan, Zeinab M. Hefny and Dalia H.A. Abdelaziz, 2019" Circulating microRNA-155 is associated with insulin resistance in chronic hepatitis C patients" Arab Journal of Gastroenterology, Volume 20, Issue 1, 1-7
- **Nourhan M. El Samaloty**, Zeinab A. Hassan, Zeinab M. Hefny and Dalia H.A. Abdelaziz, 2015 " Serum MicroRNA-34a in Chronic Hepatitis C Patients with Concomitant Type 2 Diabetes "Asian Journal of Biochemical and Pharmaceutical Research, Issue 3 (Vol. 5), 38-44.

### **Awards and Conferences**

- ECU – CRACM Joint International Pharmacy Conference (JIPC 2026) (Chairperson - Organizer)
- 8th Hunan international conference for innovation and development of biomedicine and Chinese medicine, 2025.
- 5<sup>th</sup> international conference on natural products and human health in Hunan university, China, 2025.
- International comprehensive onco nexus congress 1st conference of the Egyptian cancer support foundation by ECSF, 2025.
- Bridging gaps in oncology for Egyptian Cancer Institute, 2025.
- The Hassan Azazy Award for PHD Research during FUE Graduation Ceremony at Future University 2020.
- The Hassan Azazy Award for Master Research during FUE Graduation Ceremony at Opera Cairo House 2015.
- International Conference of FIP World Congress of Pharmacy and Pharmaceutical Sciences 2015, in Düsseldorf, Germany, September 29-3 (Poster: Circulating

microRNA-155 and microRNA-34a in chronic hepatitis C patients with or without type 2 diabetes.)

- 6th International Scientific Conference of Faculty of Pharmacy, Cairo University- Biochemistry, April 26, 2015(Poster: Circulating microRNA-155 and microRNA- 34a in chronic hepatitis C patients with or without type 2 diabetes)
- International Conference on Pharmaceutical Studies, February 9-11, 2015 (Poster: Circulating microRNA-155 and microRNA-34a in chronic hepatitis C patients with or without type 2 diabetes)

### **Oral presentations**

- Association of Epistatic Effects of lncRNA GAS5, miR-146a, , IRAK-1, and miR-155 Genetic Variants with Multiple Sclerosis Risk and Severity in 8th Hunan international conference for innovation and development of biomedicine and Chinese medicine. Hunan University in china, presented by Nourhan El samaloty 2025.
- Assessment lncRNA GAS5, lncRNA HEIH, lncRNA BISPR and its mRNA BST2 as serum innovative non-invasive biomarkers: Recent insights into Egyptian patients with hepatitis C virus type 4. 6th FUE International conference on Pharmaceutical Sciences 2020, Cairo, Egypt- presented by Nourhan El samaloty.
- Circulating microRNA-155 and microRNA-34a in chronic hepatitis C patients with or without type 2 diabetes: in 3rd FUE International conference on Pharmaceutical Sciences 2015, Cairo, Egypt- presented by Nourhan El samaloty.

### **Workshops:**

- Application of AI in herbal medicine, ECU in JIPC 2026 conference.
- Performance Appraisal and Quality Assurance Specialized Training Workshop, Faculty of Pharmacy, Future University (2022).
- Learning projects in blended learning formats workshop, Faculty of Pharmacy, Future University (2022).
- Pain management webinar, Faculty of Pharmacy, Future University (2022).
- “Course Specifications and Course Report” in Performance Appraisal and Quality Assurance Unit, Faculty of Pharmacy, Future University (2021).
- Professional clinical nutrition course (2021).

### **FLDC Training Workshops**

- “E-Learning” (2013).
- “Research Ethics” (2013).
- “Exams and Students Evaluation Systems” (2013).
- “Conference Organization” (2015).

- “University Code of Ethics” (2015).
- “Competing for Research Funds” (2016).
- “Quality Standards in Teaching” (2016).
- “Fundamentals of Clinical Trials” (2016).
- “Crisis Management” (2016).
- "Biomedical and Experimental Statistical Analysis" (2019)
- "Positive Thinking" (2019).
- “Strategic Planning” (2020).
- “Communications Skills” (2021).
- “Course Specification Workshop” (2025)
- “Strong communication skills in various educational settings” (2026)

### **Laboratory experience:**

Have a good experience in the following techniques:

- Extraction of DNA and RNA from cells/blood/serum.
- Reverse transcription.
- PCR (conventional and Real-time) and PCR data analysis.
- Western blotting.
- ELISA. Gel electrophoresis.
- Enzyme kinetics.
- Statistical analysis using multiple statistical programs (GraphPad Prism, and SPSS).

### **Computer Skills:**

- Completed ICDL courses on Information and Communication Technology, Windows, Internet use, and Microsoft office (word, excel, power point, and access) with excellent degree.
- Moodle systems
- SPSS and Graphpad Prism Statistical Softwares
- Endnote

**References:** All references are available whenever required.