

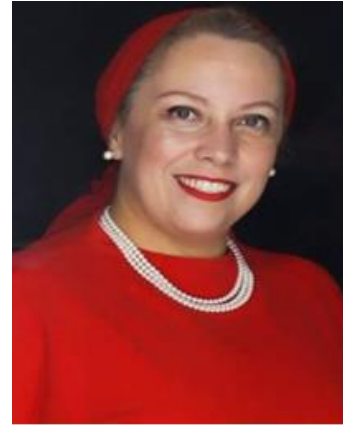
Curriculum Vitae

Ingy Badawy Labib Mahmoud, Ph.D.

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EDUCATION

Ain Shams University, Faculty of Science, Department of Biochemistry

Ph.D. in Biochemistry

2007

Thesis: " Modulation of the immune response in asthmatic patients by using inhaled tuberculin "

Ain Shams University, Faculty of Science, Department of Biochemistry

M.Sc. in Biochemistry

2003

Thesis: " Biochemical studies on the hepatotropic viruses B and C in patients with Schistosomal hepatosplenomegaly(a novel concept) "

Ain Shams University, Faculty of Science, Department of Biochemistry

B.Sc. in Biochemistry

1994

EMPLOYING AND TEACHING EXPERIENCE

Misr University for Science and Technology

Associate University President for alumni affairs 2021-present

General secretary of council for Community service and environmental development affairs sector 2019- present

Head of Pharmaceutical Biotechnology department and Vice dean of environmental affairs and community service 2018- present

Associate professor 2016- present
Department of Pharmaceutical Biotechnology
Biochemistry
Chemistry of proteins and enzymes
Biochemical Genetics
Immunology
Seminar in Biotechnology
Research in Biotechnology

Assistant professor 2007-2016
Biochemistry
Experimental Biochemistry
Chemistry of proteins and enzymes
Biochemical Genetics
Immunology
Seminar in Biotechnology
Research in Biotechnology

Assistant Lecturer 2006 - 2007
Biochemistry
Chemistry of proteins and enzymes
Immunology

PRACTICAL EXPERIENCE

Most of biochemical , immunological and molecular biology techniques such as:

- ELISA and Radial immunodiffusion assay.
- DNA, RNA and protein isolation from different biological sources
- Protein electrophoresis.
- Real time PCR

PUBLICATIONS

- 1. Assessment of the role of interleukin-18 in diagnosis of hepatocellular carcinoma related to hepatitis C virus infection.** Amal Ahmed, Sahar Maklad, Ghada Hussein, Ingy Badawy, Alaa AbouZeid and Said El-Faky. Life Science Journal,8(4):1154-1158, 2011.
 - 2. Pharmacodynamic activity of probiotics on IgG and IgM in immunodeficient rats.** Ali Shamseddin, Shaaban Hashem, Wael Tawakkol, Hussein Sabit and Ingy Badawy. Arab Journal of Biotechnology, Vol.15(1):71-76,2012.
 - 3. How to manage interferon treatment for chronic hepatitis C patients in Egypt by ICAM-1 as a predictive marker for response.** Mohamed Naguib, Fatheya Al-Halawany, Amal A. Mohamed, Ingy Badawy and Lamiaa Mobarak. The 47th Annual Conference on Statistics, Computer Sciences and Operation Research, Cairo University, 2012 .
 - 4. Study the relationship of erythropoietin and chronic obstructive pulmonary disease.** Reem Ibrahim El-Korashy, Youssef Mohamed Amin, Heba-Allah Ahmed Moussa. Ingy Badawy, Salwa Bakr. Egyptian Journal of Chest and Tuberculosis,61:53-57, 2012 (available online 2013)
 - 5. Evaluation of serum hepcidin and iron levels in some liver diseases.** Amal Ahmed Mohamed, Ingy Badawy, Nagham El
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Amir, Hassan Shalaby, Sameh Seif, Sahar Maklad, Azza Hegazy and Naglaa Adly Abd Elazeem. Middle East Journal of Applied Sciences. 4(2):166-174, 2014.

- 6. Antimicrobial activity and cytotoxicity of silver nanoparticles formulated cream against *Staphylococcus aureus* dermal infection in albino rats.** Mohamed A. Abd-Elhakeem, Ingy Badawy, Mohamed A. Hamzawy, Amira Raafat, Ahmed M. Elsayed , Matab Nadim, Ali Zaher, and Amna Shahin. Journal of Nanopharmaceutics and Drug Delivery. Vol.2(3): 235-239, 2014
 - 7. Hepatotoxicity and nephrotoxicity of repeated oral administration of silver nanoparticles in rats.** Mohamed A. Abdelhakeem, Ingy Badawy, said El-Feky, Faten R. Abdel Ghaffar, Omar S. Abd-Elghaffar, Aya Adel, Faisal S. Basaad, Mariam Ali, Nourhan Magdy, and Roba Gomaa. Nanomedicine and nanobiology.vol.1, 1-5, 2014.
 - 8. Vitamin D is it a key in egyptian NAFLD pathogenesis ?** Amal Ahmed Mohamed, Seham Mahmoud, Rehab Ahmed, Heba Fadl, Mohamed A Atallah, Amal El Shimy, Mohamed Ezz, Mostafa El Hosni, Ingy Badawy. Journal of Gastroenterology and Hepatology Research .4(5): 1605-1609, 2015.
 - 9. RECK gene polymorphisms in hepatocellular carcinoma and cirrhotic patients related to hepatitis C virus.** Ingy Badawy, Marwa Darwish, Omar Samir, Yassin Baraqouni, Mohamed Mahmoud Nassef, Hossam El Sayed Elshafey, Seham Mahmoud, Hala Hassan El Deeb. Donnish Journal of Biomedical Research. Vol. 2 (1):001-006, 2015
 - 10. Efficacy of silver nanoparticles as antimicrobial agent against *Salmonella* infection and accompanied biochemical, immunological and histopathological changes in rats.** Mohamed A. Abd-Elhakeem, Ingy Badawy and Amira Raafat. Egyptian journal of pure and applied science.vol 54(2):13-19, 2016.
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11. **Detection of IL-28rs 12979860 gene polymorphism by Real Time PCR in hepatocellular carcinoma patients.** Amal A. Mohamed, Ingy Badawy, Waleed A. Elagawy and Abeer A. Abdelmonem. International journal of advanced research. Vol.4(6):705-712, 2016.
 12. **Hepcidin gene expression and biochemical changes in high fat diet induced albino rats.** Ingy Badawy. Egyptian journal of pure and applied science. Vol 54(3):19-24, 2016.
 13. **Squamous cell carcinoma antigen as diagnostic hepatocellular carcinoma marker.** Ingy Badawy, Ahmed Abdelhaleem , Hala H. El Deeb and Amany A. Abou-Ella. Journal of biochemistry international. Vol.3(1):19-24,2016.
 14. **Novel therapeutic use of insulin and vitamin E in (NAFLD) using fatty liver induced rats.** Ingy Badawy, Mahmoud Mohsen, Alaa Ahmed, Shrouk Mahmoud, Amany Saeed, Amr Atef, Al-Taher Rabea, Marina Maurice and Baher Zlat. International journal of advanced research. Vol.6(5):927-931, 2018.
 15. **Talin-1 Gene Expression as a Tumor Marker in Hepatocellular Carcinoma Patients: A Pilot Study.** Amal A. Mohamed, Naglaa El-Toukhy, Doaa M. Ghaith, Ingy Badawy, Sara M. Abdo, Mahmoud Elkadeem, Mohamed N. Mahrous and Sherief Abd-Elsalam. The Open Biomarkers Journal. Vol.10: 15-22, 2020.
 16. **Osteopontin and Human Aldehyde Dehydrogenase (ALDH) as a Tumor Marker for Detection of Hepatocellular Carcinoma.** Ingy Badawy, Hassan salma Shalby, Nouran Mohamed, Nagwa Abdel Wahab, Naglaa Fawazy, Maha Osama Mahmoud, Hossam Darwish, Mohamed Attala,
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Fawkia E. Zahran. Archives of Gastroenterology and Hepatology journal. Vol.3(2): 35-42, 2020.

17. **Serum level of transforming growth factor beta1 in major idiopathic interstitial pneumonia.** Mohamed W. Zakaria, Reem I. El-Korashy, Samah Selim , Ingy Badawy and Kwashi J. Amum. The Egyptian Journal of Bronchology.14-22, 2020.
 18. **Curcumin Loaded Chitosan-Protamine Nanoparticles Revealed Antitumor Activity Via Suppression of NF- κ B, Proinflammatory Cytokines and Bcl-2 Gene Expression in the Breast Cancer Cells.** Mohamed A. Abdel-Hakeem*, Sara Mongy, Basant Hassan, Omnia I. Tantawi, Ingy Badawy. Journal of Pharmaceutical Sciences.3298-3305, 2021.
 19. **Anti-SARS-CoV-2 activities of tanshinone IIA, carnosic acid, rosmarinic acid, salvianolic acid, baicalein, and glycyrrhetic acid between computational and in vitro insights.** Dalia Elebeedy, Walid . Elkhatib, Ahmed Kandeil, d Aml Ghanem, Omnia Kutkat, Radwan Alnajjar, Marwa A. Saleh, Ahmed I. Abd El Maksoud, Ingy Badawy and Ahmed A. Al-Karmalawy. : RSC Adv.11, 29267, 2021.
 20. **Effect of Vitamin D Supplementation in Patients with Liver Cirrhosis having Spontaneous Bacterial Peritonitis: Randomized Controlled Study.** Amal Ahmed Mohameda, Ahmed A. Al-Karmalawy, Amal A. El-Kholyc, Dalia Ali El-damasd, Heba M. Abostated, Sahar Mohamed Mostafa, Mohmoud Hamada, Mohamed Abdel Khalik Elkady, Yosra Hassan, Eman Al-Hussain , Mona G.khalil, Ingy badawy, Dalia Elebeedy, Bshra A. Alsfouk, Mahmoud Maamoun Shaheen. European Review for Medical and Pharmacological Sciences, 2021
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Supervisor on three master thesis in biotechnology:

- 1- Role of CYP2C9, CYP4F2 and VKORC1 gene polymorphism on the clinical pharmacology of Warfarin.
(The first application in Egypt of the personalized drug)
- 2- Evaluation of IL-4 and IL-13 gene expression as early diagnostic tool in asthmatic patients.
- 3- Study of the correlation between microRNAs(224 and 96) and hepatocellular carcinoma.

LANGUAGES

- French - speak fluently and read/write
- English – speak fluently and read/write

MEMBERSHIPS

- Renal failure prevention society.
 - National committee for biosafety reference laboratories in Egypt (Implementation of national biosafety frame work for Egypt- United Nations Environmental Program) .
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