



**Prof. Dr/ Ibrahim Fathy Nassar**

**Bio data**

- Date of Birth: 01/ 11/1972
- Nationality: Egyptian
- Marital state: Married
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<https://www.scopus.com/authid/detail.uri?authorId=7004370815>

<https://scholar.google.com/citations?user=UOLsIWcAAAAJ&hl=en>

**Record of Employment:**

28/10/2019:- Professor of organic chemistry, Faculty of Specific Education, Ain Shams University

24/11/2014:- Associate professor of organic chemistry, Faculty of Specific Education, Ain Shams University.

28/10/2010:- Lecturer of Organic and bio-chemistry; Faculty of Specific Education, Ain Shams University.

26/10/2009 till 27/10/ 2010:- Lecturer of Organic and bio-chemistry; Faculty of Dentist, Ain Shams University

26/04/2006-25/10/2009:- Lecturer of Organic and bio-chemistry; Home Economic Dept.; Faculty of Specific Education, Ain Shams University from 04/2006 till 9/2009.

01/04/2001-26/04/2006:- Assistant-Lecturer of Organic and bio-chemistry, Home Economic Dept.; Faculty of Specific Education, Ain Shams University from 05/04/2001 to 26/4/2006.

05/04/1998-01/04/2001:- A Demonstrator of Organic and bio-chemistry, Home Economic Dept.; Faculty of Specific Education, Ain Shams University from 01/04/1998 to 5/04/2001.

30/06/1997-05/04/1998:- A Demonstrator in Ore Dressing Dept.; (Ore Floatation Lap.) in the Centre of Metal Research and Development (CMRDI), Ministry Of Higher Education and Research

## **Education**

10/10/2014 – 09/04/2015- (Erasmus Mundus) Postdoctoral fellowship in Organometallic Chemistry Lab, Faculty of chemistry, university of Oviedo, Spain, under supervision of Prof. Dr /Enrique Aguilar, Title of the project: **Gold Catalysis on Functionalized Alkynes.**

2013 –2014:- Post doctor Researcher at the Research group of prof. dr/ Abdel Sattar S. Hamd El - Gazwy in Organic and Organo-metalic Chemistry lab., Faculty of Science, Ain Shams university, Abassia, Cairo, Egypt; Title of the research project:- **Synthesis of Arylthiophene and heterothiophene compounds by stille cross coupling Reaction and studying the biological activity and QSAR of the prepared compounds**

01/09/2012 – 02/03/2013:- (Erasmus Mundus) Postdoctoral fellowship in synthetic organic chemistry Lab, Faculty of Science, university of Granada, Spain, under supervision of Prof. Dr / Juan Enrique Oltra, Title of the project: **Synthesis of new chiral titanocene (III) Catalysts to enantioselective, Ti-Catalyzed Barbier type propargylations and Allenylations of Aldehydes and Ketones.**

From 31/03/2010 till 01/10/2010:- (EGIDE FRANCE) Postdoctoral fellowship in Chimie et Photonique Moléculaires (UMR - CNRS 6510), Rennes 1 universities, Rennes, France, under supervision of Prof., Dr / flourence Mongin, Title of the project: **Synthesis and metallation of New Biologically Active Pyrazole Compounds Using New Bi-Metallic Bases**

- 20/02/2006: - Ph. D. Organic Chemistry, Chemistry department, Faculty of Science, Ain Shams University, Title of thesis: - **Synthesis and Reactions of Heterobicyclic Nitrogen Compounds (Fused Systems) with expected Biological Activity**

- 20/01/2001:- M. Sc in Organic Chemistry, Chemistry department, Faculty of Science, Ain Shams University. Title of thesis:- **Synthesis and Reactions of 5,6-dimethyl-3-mercapto-1,2,4-triazine Derivatives and their Biological Evaluation.**

- 01/05/1994:- B.Sc., Special Chemistry department – faculty of science, Menofia University; with Record (Very Good with honor rank 83.50 %).

### Supervised Thesis

- 1- **Ahmed Samy Afify**: M.sc Organic Chemistry, Title of thesis: Synthesis of Novel Biphenyl bis-Sulphonamide Based Surfactants of Expected Biological Activity, Faculty of Science; Banha University 2006 (Approved 2/5/2010)
- 2- **Ibrahim Mohamed El Kattan**: M. Sc in Organic Chemistry, Synthesis of Some New Heterocyclic Compounds and their Nucleosides of Expected Biological Activity, Faculty of Science, Benha University, approved 2013.
- 3- **Sherif Hamdy Gomaa**: Ph. D Organic Chemistry, Synthesis of Some New ferrocene Compounds of Expected Biological Activity, Faculty of Science; Ain Shams University, from 2021.
- 4- **Yasmin Moahmed Hashem Ezzaldin**: M. Sc, Synthesis of some heterocyclic compounds by using palladium complexes, Faculty of Science, Ain Shams University, Approved 2013
- 5- **Hanan Abdel Hameed El beshlawy**: M. Sc in food science and Nutrition, Faculty of specific education, Ain Shams University, the interaction between Iron and Zinc supplementation and their Bioavailability in Experimental Rats, Approved 2016.
- 6- **Nermin Mostafa Mohamed Marzouk**: M.Sc. Organic Chemistry, Synthesis and Evaluation as nanoparticles and Anticancer Activity of Some New Pyrazolopyrimidine Sugar Derivatives, Faculty of science, Banha University, Jan 2016
- 7- **Amira Kamal Abo El Fetoh**: Ph.D. Organic Chemistry, Faculty of Science, Menofia University: Synthesis and anticancer activity of some novel pyrimidine and pyridine glycosides and their acyclic analogues derived from chalcone derivatives.2020
- 8- **Mahmoud shahin**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis of some novel pyrazolopyrimidine derivatives and Evaluation of Their anticancer activity
- 9- **Hoda Abd El Razek**: M. S, Nutrition and food science, Faculty of specific education Ain Shams University, Functional properties of some gluten-free products for people with Celiac disease,
- 10- **Marwa Maher Ahmed**: M.Sc. Organic Chemistry, Faculty of science, Menofia University: Synthesis Characterization of Some Novel Alpha-minophosfonate derivatives and Evaluation of Their Environmental Applications. 2021
- 11- **Aliaa Abdel Azem Amin**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis and anticancer activity of new triazolopyrimidine linked sugar derivatives
- 12- **Hadeer Saadoun**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis and anticancer evaluation of some new benzimidazole condensed thiazole sugar nanoparticles

13- **Heba Ahmed Abdel Khaleek**, M.Sc., Organic Chemistry, Faculty of Science, Menofia University: Synthesis, Reactions and Biological Applications of New chalcone derivatives of N-Acetyl-4-toluidine Approved 2021.

14- **Esraa El Nemr**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis and biological evaluation of some new pyrazolopyridine derivatives

15- **Hadeer El Feky**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis, Elucidation and Biological Applications of some New Pyranopyrazole Derivatives. Approved 2022

16- **Kholoud Hesham Zaki**; - Ph.D in Biochemistry, Faculty of Science, Menofia University; Synthesis and Biochemical Studies on New Quinazoline containing Heterocyclic Compounds.

17- **Makram Geyeid Begheet**: M. Sc, Nutrition and food science, Faculty of specific education, Ain Shams University, the effect of some different types of diet regimes on weight, blood sugar, cholesterol and blood pressure in Humans.

#### **Reviewed Thesis**

1- **Mohmed Abd El Hakim**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University Synthesis of some new fused heterocyclic compounds with expected anti-poison gases.

2- **Faheem Mohamed Faheem**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University  
Synthesis of some new heterocycle derivatives as surface active agents.

3- **Mohamed Saad**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University  
Synthesis of some new uracil derivatives and their acyclic nucleoside analogues.

4- **Ahmed Mazhar El Ghaykany**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University. Biochemical studies of some modified acyclic nucleosides and their antimicrobial effects

5- **Amira Abdel Sattar Harhash**: Ph.D. Organic Chemistry, Faculty of Science, Menofia University. Oriented synthesis of heterocyclic cholestane derivatives: A novel class of potent anti-cancer agents

6- **Amira Kamal Abo El fetoh** Ph.D. Organic Chemistry, Faculty of Science, Menofia University 2019. Synthesis and anticancer activity of some novel pyrimidine and pyridine glycosides and their acyclic analogues derived from chalcone derivatives

- 7- **Hanan Abd el Hameed El beshlawy** M.Sc. Food science, Faculty of Specific Education, Ain Shams University. The interaction between iron and zinc supplementation on their bioavailability and metabolism in experimental animals. Approved
- 8- **Eman Sabry Abdou El Nemr**:- Ph.D. Organic Chemistry, Faculty of Science, Menofia University 2020. Synthesis of heterocyclic progesterone derivatives as novel anti-cancer agent
- 9- **Nagwan Said Al-Bakary** M.Sc. Organic Chemistry, Faculty of Science, Menofia University 2020. Synthesis and biological activity of new pyrimidine compounds and their sugar derivatives.
- 10- **Paula soliman farag Saad**: M.Sc. Organic Chemistry, Faculty of Science, Ain Shams University 2020. Utility of Aroyl isothiocyanate in construction of Novel Heterocyclic Compounds with Anticipated Biological Activity.
- 11- **Heba Ahmed abdel-Khalek** M.Sc. Organic Chemistry, Faculty of Science, Menofia University; Synthesis, Reactions and Biological Applications of New chalcone derivatives of N-Acetyl-4-toluidine.
- 12- **Mohamed Ashraf Abdel Fadeel**: M.Sc. Organic Chemistry, Faculty of Science, Ain Shams University. Synthesis, Characterization and Application of some organic corrosion Inhibitors in Emulsion Paints.
- 13- **Mahmoud Abdel Daim Shahin**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis of some novel pyrazolopyrimidine derivatives and Evaluation of Their anticancer activity.
- 14- **Hadeer Mohamed El Feky**: M.Sc. Organic Chemistry, Faculty of Science, Menofia University: Synthesis, Elucidation and Biological Applications of some New Pyranopyrazole Derivatives 09/2022
- 15- **Aya Ayman mostafa sabek** M.Sc. Organic Chemistry, Zagazig University: Synthesis and biological studies of some novel Aryl pyridine derivatives 10-2022.
- 16- **S. KALIRAJ** Ph.D. DEPARTMENT OF CHEMISTRY FACULTY OF SCIENCE AND HUMANITIES, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR, INDIA. DESIGN AND SYNTHESIS OF THIENOPYRIMIDINE, QUINAZOLINE, PIPERIDINEDIONE ANALOGS TO STUDY THEIR BIOLOGICAL ACTIVITY.

17- **Aya Mahmoud Abdel Rahman Khalifa**:- Ph.D., Organic Chemistry, Faculty of Science, Ain Shams University. Access to Convenient Synthesis and biological Screening of some Nitrogen heterocycles, 01/02/2023.

18- **Eman Attia El-Sayed**: - Ph.D. Nutrition and food science, Faculty of Specific Education, Ain Shams University, Effect of tarragon plant and its ethanolic extract on chronic hepatitis in experimental rats 2023

#### **Reviewed Promotions: -**

- 1- Evaluator for Academic Promotion (Associate professor) for Dr/ **Lotfi Mohamed Miled Aroua** Kingdom of Saudi Arabia, Ministry of Education, Qassim University,
- 2- Evaluator for Academic Promotion (professor) for Dr/ **Hany Fthy Hussein Aly nour** in synthetic and applied chemistry, photo chemistry department, National research center Dokki, Cairo, Egypt

#### **Reviewed Projects: -**

Two STDF projects

- 1- Green Chemistry modification of natural polymer into Hydrogel Nanocomposite for wastewater treatment. 2021
- 2- Lead free mixed former glasses for radiation shielding and dosimetry.
- 3- Smart Nanomaterial-based Biosensors as Potential Point-of-Care Testing (PoCT) Probes for Detection of Chemotherapeutic Drugs in Hospital Wastewater: Ecotoxicological Risk Assessment and Remediation Strategies
- 4- Green synthesis of novel ferroptosis inducers endowed with enhanced anticancer potential via interaction with additional targets

#### **Reviewed Missions**

Chairman of the Water Committee of the General Administration of Scholarships for Evaluation of the research plans and attendance of personal interviews for applicants for scholarships in the year 2021 and 2022 in a competitive manner

### Teaching Courses

No.	Name of course	Department	years
1	Basics of Organic Chemistry	First year, Home Economic dept., Ain Shams University	1998 - 2022
2	Basics of Bio - Chemistry	Second year, Home Economic dept., Ain Shams University	
3	Research Project	M. Sc First year, Home Economic dept., Ain Shams University	
4	Chemistry and Analysis of Food	M. Sc First year, Home Economic dept., Ain Shams University	
5	Evaluation of Food	M. Sc First year, Home Economic dept., Ain Shams University	
6	Textile Fiber Chemistry	Ph. D First year, Home Economic dept., Ain Shams University	
7	Medicinal Plants	M. Sc First year, Home Economic dept., Ain Shams University	
8	Food Pollution	M. Sc First year, Home Economic dept., Ain Shams University	
9	Nanotechnology	For Ph. D students, Home Economic dept., Ain Shams University	

10	Advanced Chemistry of Food	For M. Sc, Home Economic dept., Ain Shams University	2019-2023
11	Chemistry of Digestion	For M. Sc, Home Economic dept., Ain Shams University	

### Academic Cycles

- Preparation of University Teachers in Ain Shams Univ. from 25/8 -11/9/2000.
- Methods of Scientific Research in Ain Shams Univ. from 27 -29 /11/2004
- Effective Teaching in Ain Shams Univ. from 4-8/12/2004
- Management of Time and Work Stresses in Ain Shams Univ. from 14-16/2/2006
- Modern Strategies in Teaching in Ain Shams Univ. from 25-27/3/2006
- Using of Technology in Teaching in Ain Shams Univ. from 28-30/4/2007
- Designing of Curriculum in Ain Shams Univ. from 8-10/5/2007
- Standards of Quality in Teaching Operation in Ain Shams Univ. from 13-15/11/2007
- Scientific Publishing in Ain Shams Univ. from 22-24/4/2008
- Proposals of Competitive Projects in Ain Shams Univ. from 29/11 – 1/12/2008
- Credit Hours in Ain Shams Univ. from 26-28/12/2009
- Computer Aided Drug Design in Central Lab., Faculty of Science, Ain Shams University from 5-7/12/2009
- ICTP in driving computers, including (Typing, Concepts of IT, Using Computers and Managing Files, Word Processing, Spreadsheets) in the faculty of Information and computer Science, Ain Shams University in 2006.
- TOFEL Studies in Ain Shams University in 2003
- Characterization and report programs and courses 21-22/12/2015
- Strategic Planning 23-24/2/2016
- Intellectual Property Rights 16-17/3/2016
- Leadership 2017
- Management of Change 26/12/2018



- Egyptian Knowledge Bank 18/ 3/ 2019
- University administration and leadership 23-25/08/2022

### **Work Shops**

- Curriculum Description in Internal Quality Unite in the Faculty of Specific Education, Ain Shams University in 5/8/2008
- Self-Evaluation and Annual Report in Internal Quality Unite in the Faculty of Specific Education, Ain Shams University in 26/7/2009
- Management of Total Quality in Internal Quality Unite in the Faculty of Specific Education, Ain Shams University in 16/9/2009
- Preparation of a Plan for Development in Internal Quality Unite in the Faculty of Specific Education, Ain Shams University in 29/9/2009
- Sources of information and the rules of the global data Egyptian bank of knowledge 29/2/2016
- Smart poster 24/4/2016
- Microsoft Teams 10/04/2021

### **Helded workshops**

I was a trainer in 3 workshops at the Faculty of Specific Education

1- workshop in Skills of International Publishing of Scientific Papers

2- Skills in English Language

3- Perfume composition and preparation of Ethyl Alcohol

4- Trainer at the Webinar Session, Topic: "International Publication Skills and Ethics." Host by Dr. Haider Shah (PhD, University of Malaya, Malaysia).

### Attended Conferences

- 10<sup>th</sup> Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry (ISIC), Faculty of Science – Asuit University – Luxor – Egypt, from 17/2/2007-20/2/2007.
- The First Conference on Research and Development towards a Strategy for Application, Ain Shams University, 25/3/2007-27/3/2007.
- The 14th Arab Chemistry Conference & Exhibition (ACC-14), Tripoli, Libya, 31 /3 - 21 /2/ 2008.
- Week of Ecology, Ain Shams University, 11/ 4/ 2009-16/ 4/ 2009.
- The 13<sup>th</sup> International Conference on Petroleum, Mineral Resources & Development, Egyptian Petroleum Research Institute (EPRI), 2/2/2010 - 9/2/2010.
- Third Symposium on Selective Synthesis Mediated by Organometallic Compounds (Honouring Professor Jose Barlenga), Oviedo, Spain 3 Nov. 2014
- The Association of Egyptian American Scholars 42<sup>ND</sup> International Conference (The Development of Egypt Economy In A Global Society), 29-30/12//2015
- International conference on chemical sciences & Applications 6-9 Aug. 2016
- Egypt – Japan Multidisciplinary Science Forum, (Beyond the Border) 11- 02 – 2017
- Egypt – Japan Multidisciplinary Science Forum (Innovation and New Challenges) 24/03/2018
- Organizing Committee Member at the International Conference of Chemical Science and Chemical Engineering Dubai, 2020
- Conference Chair of Nano-Teck Bileagues Conference, paris, France, 2020
- Organizing Committee Member at the International Webinar on Biosensors and Bioelectronics Conference, Paris, France
- Attendance at 9<sup>th</sup> Ain Shams International Conference 6-8 April 2021.

- Chem III Conference 2021; Chemistry department -Faculty of Education – Ain Shams University- Cairo- Egypt.
- Attendance at 10<sup>th</sup> Ain Shams International Conference 29-31 March 2022.
- Attendance at Knowledge Summit 2022.
- presenting the poster entitled Synthesis Design and Anti-inflammatory Activity of Novel 5-(Indol-3-yl)-thiazolidinone Derivatives at 3rd Edition of Global Chemistry & Chemical Engineering Hybrid Conference, held during October 02-04, 2023 | Amsterdam, Netherland

### **Activities**

- Member in the Environmental Affairs League in the faculty of Specific Education, Ain Shams University from 2006 to 2007.
- Member in the Egyptian Syndicate of Scientific Professions (Chemistry Dept.).
- Member in the Swiss Chemical Society (SCS).
- Member in Egyptian Society of Chemistry of Heterocyclic compounds
- Member in Internal Quality Assurance Project in the Faculty of Specific Education.
- Reviewer in African Journal of Pure and Applied Chemistry
- Reviewer in Journal of Heterocyclic chemistry.
- Reviewer in Archive der farmazie journal.
- Reviewer in Nucleoside & Nucleotides and nucleic acid
- Reviewer in Phosphorus Sulfur and Silicon and the related Elements Journal
- Reviewer in Synthetic Communication Journal
- Reviewer in Chemistry Journal of Moldova
- Reviewer in The Chemical Society of Ethiopia
- Reviewer in Bulletin of the Korean Chemical Society
- Reviewer in Polycyclic Aromatic Compounds
- Reviewer in Arabian Journal of Chemistry
- Reviewer in Synthetic Communications
- Course of Organic Chemistry Fundamentals Lecturer at the Egyptian Radio and Television Union ERTU (Higher Education Chanel).

- Member at the Royal Society of Chemistry
- Member at the American Chemical Society.
- Presenter of about 17 scientific series in the Egyptian Union of Radio and Television
- Editorial Board member in American Journal of heterocyclic chemistry ISSN: 2575-5722.
- Editorial Board member in Universal Journal of Pharmaceutical Research ISSN: 2456-8058.
- Editorial Board member in Acta Scientific Pharmacology Journal
- Organizing Committee Member at the International Conference of Chemical Science and Chemical Engineering Dubai, 2020
- Conference Chair of Nano-Teck Bileagues Conference, paris, France, 2020
- Organizing Committee Member at the International Webinar on Biosensors and Bioelectronics Conference
- Editorial Board member in Universal Journal of Egyptian Journal of specific Studies, Faculty of Specific Education, Ain Shams University.
- Reviewer for promotions files for the University of Qassim, Saudi Arabia
- Reviewer at STDF projects in Egypt
- Reviewer for Bio-Medicine Journal
- External Examiner for SRM institute of science and technology. India
- Editorial Board member in International Journal of Organic Chemistry
- Reviewer for **Letters in Organic Chemistry** journal
- Referee to the Department of Scholarships at the Ministry of Higher Education
- Reviewer for **Journal of Chemistry** Journal
- Reviewer for letters in Organic Chemistry journal
- Reviewer for Research on Chemical Intermediates Journal
- Scientific Editor for **International Journal of Breast Cancer**
- Editorial Board member at Journal of Nanomedicine Nanotechnology and Nanomaterials
- Editorial Board member at Frontiers in Chemistry journal
- Reviewer of the Committee for the Promotions of Professors and Assistant Professors, majoring in organic chemistry at the Supreme Council of Universities, Egyptian Ministry of Higher Education round 2022-2025.
- Reviewer for Journal of Umm Al-Qura University for Applied Sciences
- Reviewer for Journal of Tibah University
- Reviewer for ACS Omega journal

- Reviewer for Chemistry and Biodiversity journal
- Reviewer for International journal of pure and applied chemistry
- Reviewer for Qeios, CC-BY 4.0
- Reviewer for Journal of scientific research in science

### **Honors certificates and Awards**

Honor certificate from El Menofia University in Science Celebration 1994

Honor certificates from Egyptian Syndicate of Scientific Professions in 1994, 2001 and 2006

Honor certificates from Ain Shams University for Award prizes for International Published papers in 2009 and 2010, 2011, 2013 and 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

Honor certificate from the Higher Education Chanel at the Egyptian Union of Radio and Television in 2013.

Honor certificate in Forum of honoring scientific personnel from Faculty of Specific Education, Ain Shams University.

Honor certificate in Commission laboratory and scientific instruments

Honor certificate in the Forum of Home Economic Department, Faculty of Specific Education, Ain Shams University 2017

Honor certificate in the Recruitment Day, Faculty of Specific Education, Ain Shams University 2019

Appreciation Award Shield of the Faculty of Specific Education, Ain Shams University, for outstanding practices in scientific research to serve the programs 2019

Honor Certificate of the faculty of Specific Education for Publishing of International patent 2019

Honor Certificate from the President of Ain Shams University for International Publishing 6/2020

Best Researcher Award, International Scientist Awards 2020 On Engineering, Science and Medicine, 21&22-Aug-2020| Madurai, India

Honor Certificate from the President of Ain Shams University for International Publishing 1/2021

Shield of Excellence Award in Scientific Publishing from the Conference of the Faculty of Specific Education, Ain Shams University 14/6/ 2021

From the Best 50 scientists in Chemical Sciences at Ain Shams University according to AD World Scientist and University Rankings 2021 published on internet

Honor Certificate from the President of Ain Shams University for International Publishing 1/2022 for the 27 and 28 rounds

Honor Certificate from the President of Ain Shams University for International Publishing 07/2022 for the round 29.

Honor Certificate from the President of Ain Shams University for International Publishing 1/2023 for the round 30.

Shield of Excellence Award in Scientific Publishing of patent from the third Conference of the Home Economics Department Faculty of Specific Education, Ain Shams University 2023.

Certificate OF Appreciation from CENTRE FOR ACADEMIC LEARNING WRITING AND SUPPORT SERVICES in Pakistan For my Outstanding Session and Sharing his Valuable Knowledge as a Guest Speaker in Webinar “International Publication Skills and Ethics”

held on 26th, October, 2023 Organized by Centre for Academic Learning Writing and Support Services (CALWASS)

### **Scientific Series presenter in the Egyptian Union of Radio and Television**

Course of Organic Chemistry Fundamentals 9 series (Nile Specialized Channels)

The role of the liver in detoxification of the body

Role of Organic Chemistry in Pharmaceutical Manufacturing

Conditions and properties of the substance

Chemistry and its role in development

Youth participation in development

Management of Time in Ramadan (Delta Chanel 2019)

Nano Technology

Theory of Development

Ozone Hole

Treatment with Herbs

Stem Cells in Treatment

Ozone Hole

Development Theory

Genetics

Ethyl Alcohol Preparation at home

Corona Virus and how to avoid

Petroleum Refining

Extracting essential oils at home

Clove oil Extract simple home and medicinal benefits

My YouTube channel is: [https://www.youtube.com/channel/UCp75oKaM -  
XaaZlqtpybOmA](https://www.youtube.com/channel/UCp75oKaM-XaaZlqtpybOmA)

### **References:**

Prof. Dr. Florence Mongin e. mail [florence.mongin@univ-rennes1.fr](mailto:florence.mongin@univ-rennes1.fr)

Prof. Dr. Juan Enrique Oltra e.mail [joltra@ugr.es](mailto:joltra@ugr.es)

Prof. Dr. Enrique Aguilar e.mail: [eah@uniovi.es](mailto:eah@uniovi.es)

Prof. Dr. Ahmed Foad El Farargy e.mail: [aelfarargy@hotmail.com](mailto:aelfarargy@hotmail.com)

### **List of Publications**

1. Ibrahim F. Nassar, Nasser S.M. Ismail. Docking Study of Novel Thiophene Derivatives Synthesized by Stille Cross Coupling with Potent Anti-Cancer Activity Organic and Medicinal Chemistry International Journal 2023; 12(5): 555847. DOI: 10.19080/OMCIJ.2023.12.555847
2. Mohamed G. Abouelenein, Ahmed A. El-Rashedy Hanem M. Awad, Ahmed F. El Farargy , Ibrahim F. Nassar , Amr Nassrallah,. Synthesis, Molecular Modeling Insights, and Anticancer Assessment of Novel Polyfunctionalized Pyridine Congeners Bioorganic Chemistry 141 (2023) 106910.
3. Eman M. Azmy, Mohamed Hagra, Menna A. Ewida, Ahmed S. Doghish, Emad Gamil Khidr, Ahmed A. El-Husseiny, Maher H. Gomaa, Nasser S. M. Ismail, Ibrahim F. Nassar, Walaa H. Lashin. Development of pyrolo[2,3-c]pyrazole, pyrolo[2,3-d]pyrimidine and their bioisosteres as novel CDK2 inhibitors with potent in vitro apoptotic anti-proliferative activity: synthesis, biological evaluation and molecular dynamics investigations. *Biorganic Chemistry* Volume 139, October 2023, 106729
4. Eman M. Azmy, Nasser S.M. Ismail1, Ibrahim F. Nassar, Iten M. Fawzy1, Maghawry Hegazy, Mahmoud Mohamed Mokhtar, Amr Mohamed Yehia, Mohamed Hagra, Walaa H. Lashin New

- indole derivatives as multi-target anti-Alzheimer's agents; synthesis, biological evaluation and molecular dynamics *Future Medicinal Chemistry* 2023, 15(6), 467-471.
5. Ibrahim F. Nassar, Adel A. H. Abdel Rahman, Heba A. Adel Khalek, Afrah Sharaf, Wael A. El-Sayed Synthesis, Reactivity of New 3-(4-chlorophenyl)-N-(p-tolyl)acrylamide Chalcone Derivatives As Antitumor, Antimicrobial and Anti-Hepatitis B Activities *Egy. J. Chem.* 2023, V. 66, Issue 10, 621-637.
  6. Ibrahim F. Nassar, Hadeer M. El Fekey, Zeinab Hamza, Heba M. Abo-Salem, Adel A. H. Abdel Rahman Design, Synthesis, Antimicrobial, Antifungal, AntiOxidant and Anticancer Evaluations of Some Novel Pyranopyrazole Derivatives and Their Sugar Analogs, *Egypt. J. Chem.* Vol. 65, No. SI13B pp. 1489 - 1505 (2022)
  7. Ekbal M.M. Saleh, Ibrahim F. Nassar, Reda A-E Mohamed, Hoda A-R Shehata, Effect of Different Doses of Samwa and Curry Aqueous Extracts on Blood Sugar and Lipid Profile on diabetic rats. *EJOS*, 2023, 11 (37), 3-34
  8. Ibrahim F. Nassar, Mohammed T. Abdel Aal, Mahmoud A-E Shahin, Wael A. El Sayed, Elsayed E. Elsaka, Mahmoud Mohamed Mokhtar, Maghawry Hegazy Mohamed Hagra, Asmaa A. Mandour, Nasser S.M. Ismail. Discovery of pyrazolo[3,4-d]pyrimidine and pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidine derivatives as novel CDK2 inhibitors. *RSC Advances* 2022 12(23):14865-14882
  9. Asmaa A. Mandour, Nasser S.M. Ismail, Ibrahim F. Nassar, Mohammed T. Abdel Aal, Mahmoud A-E Shahin, Wael A. El-Sayed, Maghawry Hegazy, Elsayed Gomaa Elsayed Elsaka, Mahmoud Mohamed Mokhtar. Synthesis, biological evaluation, molecular docking and ADMET studies of new CDK2 inhibitors based on pyrazolo[3,4-d]pyrimidine and pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidine scaffold with apoptotic activity *Journal of Enzyme Inhibition And Medicinal Chemistry* 2022, vol 37 (1) pp. 1957-1973
  10. Safaa. R. Fouda, Ibrahim E. El-Sayed, Nour F. Attia, Marwa M. Abdeen, Abdel Aleem H. Abdel Aleem, Ibrahim F. Nassar, Hamed I. Mira, Ebrahim A. Gawad, Abul Kalam, Ahmed A. Al-Ghamdi, Ahmed A. Galhoum. Mechanistic Study of Hg(II) Interaction with Three Different  $\alpha$ -aminophosphonate 2 Adsorbents: Insights from Batch Experiments and Theoretical Calculations *Chemosphere* [Vol. 304](#), October 2022, 135253.
  11. Samy El Assaly, Nagwan S. El Bakary, Mohammed T. Abdel Aal, and Wael A. El-Sayed. Ibrahim F. nassar Synthesis and Anticancer Activity Towards HepG-2 and MCF-7 of New 2-Amino-1,3,4-thiadiazole and Their Sugar Derivatives *Universal Journal of Pharmaceutical Research* 2022, 7(2):74-80



12. Ibrahim F. Nassar, Adel A. H. Abdel Rahman, A. K. F. Shaban, M. N. M. Yousif, D. S. EL-Kady, H. M. Awad, and W. A. El-Sayed. Synthesis and Anticancer Activity of New Pyrimidine and Oxadiazole Acyclic Nucleoside Analogs and Thiazolopyrimidine Derivatives *Russian Journal of General Chemistry*, 2021, Vol. 91, No. 10, pp. 2086–2094.
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#### **Papers under review**

2-Eman Mansour, Sameh Zaghlool Zaghlool Ahmed Sayed Ibrahim Nassar Safaa Elewa. Targeting P-glycoprotein with novel indoline-2,3-dione derivatives as potential anti breast cancer agents, *Bioorganic chemistry* BIOORG-D-23-02869

#### **Published Patents: -**

- 1- Qualitative Structure Activity Relationship (QSAR) of New Organic Compounds Synthesized by stille cross coupling Reaction with Antitumor Activity, WO 2015127941 A1.

#### **Published posters: -**

- 1- N. M. Padial, I. F. Nassar, J. Muñoz-Bascón, I. Sancho-Sanz, A. Rosales, J. E. Oltra, SYNTHESIS OF NEW CHIRAL TITANOCENE (III) CATALYSTS, APPLICATIONS TO ENANTIOSELECTIVE, Ti-CATALYZED BARBIER-TYPE PROPARGYLATIONS AND ALLENYLATIONS, XXXIV Reunión Bienal de la Real Sociedad Española de Química 2013

- 2- E. Aguilar, G. Solís, I. F. Nassar, J. M. Fernández-García, I. Merino, M. A. Fernández-Rodríguez, P. García-García, C. Valdés, ALKYNILCYCLOPROPANECARBONITRILES FROM FISCHER CARBENE COMPLEXES: DIASTERESELECTIVITY AND MECHANISM, XXXV Bienal RSEQ A Coruna, 19-23/ 7/2015