

## **Dr / Mastoura Mohamed Edrees Abdou, QM Master Reviewer, and Program Reviewer**

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**Mastoura Mohamed Edrees Abdou, PhD**

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<https://scholar.google.com/citations?user=2umxI08AAAJ&hl=ar>

<https://www.researchgate.net/>






<https://independent.academia.edu/MastouraEdrees>

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-  H-Index: 8
-  Citations: 209 (Google Scholar)
-  ORCID ID: [orcid.org/0000-0002-2301-7652](https://orcid.org/0000-0002-2301-7652)
-  Scopus Author ID: 36522579500
-  Researcher ID: U-7337-2018

Nationality: Egyptian

Marital Status: Single

Address (Saudi Arabia): King Khalid University, faculty of science, Chemistry department, ABHA (Work), El-khalidia, Abha. (Home)

Address (Egypt): (National Organization for Drug Control and Research)51 Wezaret El-Zeraa Street, Agouza, Giza, Egypt. (Work)-52 Said Abid Street, Embaba, Giza, Egypt. (Home)

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## Awards

**I won first place for excellence in teaching at the King Khalid University in 1438 H-2017G.**

## Education and Research:

- ✚ B.Sc. Chemistry (1996) – Faculty of Science, Dept. of Chemistry, Cairo University, Cairo, Egypt.
  
- ✚ M.Sc. Organic Chemistry (2001) – Faculty of Science, Dept. of Chemistry, Cairo University, Egypt.  
**Thesis Title:** Synthesis of Some Nitrogen Heterocyclic Compounds and their Evaluation as Antitumor and Antiviral Agents.
  
- ✚ Ph.D. Organic Chemistry (2004) – Faculty of Science, Dept. of Chemistry, Cairo University, Egypt.  
**Thesis Title:** Design, Synthesis and Biological Evaluation of Novel Heterocyclic Compounds for Potential Antitumor Effect.
  
- ✚ Associated professor (4/ March / 2015) –National Organization for Drug Control and Research, Dept. Of Pharmaceutical Chemistry, Organic chemistry, Egypt.

**Research:** Synthesis of new benzothiazoles and related structures, the reaction of these compounds with heterocyclic aldehydes and conversion to arylidene derivatives followed by conversion to novel pyrazole and pyrimidine derivatives. Synthesis of Spiro derivatives of benzothiazoles and related structures and testing of reactivity to nucleophilic nitrogen-containing compounds. Evaluated cytotoxic effect/antitumor activity in over 60 human tumour cell lines.

**Post-Doctoral Research:** Synthesis of modified nucleoside phosphoramidites, their incorporation into DNA oligonucleotides and use as CG base pair recognition monomers.

Involved organic synthesis (including air- and light-sensitive reactions/products), column chromatography, and NMR/MS/IR analysis of compounds, MS analysis of oligonucleotides, UV and fluorescence melting studies of DNA triple helices

### Employment History:

- ✚ Researcher Assistant (1996-2001) at National Organization of Drug Control and Research, Giza, Egypt.
- ✚ Assistant Researcher (2001) at National Organization of Drug Control and Research, Giza, Egypt.
- ✚ Researcher (2004) at National Organization of Drug Control and Research, Giza, Egypt.
- ✚ Post-Doctoral Researcher (2007-2008) at Department of Chemistry, University of Southampton, Southampton, UK.
  
- ✚ Assistant professor at King Khalid University College of science, chemistry department, ABHA, Saudi Arabia (2010-now)
  
- ✚ Head of the chemistry department, faculty of science, king Khalid university, ABHA, KSA (14/3/1434-26/7/1434 H(2/1/2013 - 16/5/2013) & 25/10/1434- 13/8/1435 H ( 1/9/2013 - 11/6/2014)
  
- ✚ Associated professor (4/ March / 2015) –National Organization for Drug Control and Research, Dept. Of Pharmaceutical Chemistry, Organic chemistry, Egypt.

### Languages:












Arabic (mother-tongue), English (CLT qualification – 2006, Centre for Foreign Languages and Professional Translation, Cairo University, Cairo, Egypt, local Tofel from Amidst above 500), French (3 years at High School), German (final 2 years at College).

### Training

- ✚ King Khalid University, College of Science and Arts in Ahed Rwfida, observed that Dr. Mastoura Abdou has attended " The role of measurement and evaluation in

improving learning outcomes at King Khalid University" (17/03/2019G - 10/07/1440 H)

- ✚ King Khalid University, Faculty of science, observed that Dr. Mastoura M. Edrees Abdou has attended " Steps to analyze the results of the course using the statistical programs PSS" (13/03/2019G - 6/07/1440 H)
- ✚ King Khalid University, Faculty of science, observed that Dr. Mastoura M. Edrees Abdou has attended " Preparing the pre and final tests according to the quality standards " (27/02/2019G - 22/06/1440 H)
- ✚ King Khalid University, Faculty of science, observed that Dr. Mastoura M. Edrees Abdou has attended " Skills of using chemical drawing programs" (6/02/2019G - 1/06/1440 H)
- ✚ King Khalid University, Faculty of science, observed that Dr. Mastoura M. Edrees Abdou has attended " safety and protection in laboratories " (30/01/2019G - 24/05/1440 H)
- ✚ King Khalid University, Faculty of science, observed that Dr. Mastoura M. Edrees Abdou has attended " Use Office programs in the research project" (28/01/2019G - 22/05/1440H)
- ✚ King Khalid University, Faculty of science, represented by the Deanship of Academic Development and Quality observed that Dr. Mastoura M. Edrees Abdou has attended "National Qualifications Framework KSA" (8/01/2019G - 2/05/1440 H)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University scientific research deanship – Dr. Mastoura M. Edrees Abdou has attended “the role of the preparation of scientific posters” (15/11/2018G - 7/03/1440 H)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a certificate of thanks and appreciation from the Dean of the Faculty of Science Girls Abha to Dr. Mastoura M. Edrees Abdou that over a period of work as head of the Department of Chemistry] academic year (14/03/1434 - 26/07/1434 H) - (25/10 / 1434- 13/8/1435 H)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of e-learning - Presenting a workshop (APPQMR 2011-2013) to members of the faculty and to contribute effectively to spread the culture of e-learning and ensuring progress in the field of quality design courses Electronic and get on a number of international certificates from the Organization of Quality Matters

-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of E-learning - participate in the internal audit reference participant decision fungi and plant diseases) 464 grew) and in accordance with the standards of international quality and also contribute, active in organizing and preparing for a review of electronic courses on the system (Quality Matters)
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University – Dean of scientific research - Participation in the activities of a scientific paper on the scientific research of the tenth annual 6-7 Rajab 1435 AH
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a workshop entitled (raised training workshop entitled virtual classroom) 06/07/1435 AH
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University - Faculty of Science for Girls Abha - a workshop titled (Academic Advising and guiding academic tasks) 4.05.1435 H
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University - Faculty of Science for Girls Abha - a workshop titled (Statistical analysis using the SPSS program) 5.04.1435 H
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University - Faculty of Science for Girls Abha - a workshop titled (Excel program) 23.07.1434 H
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a workshop titled (Adobe Photoshop) 07/24/1434 H
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a workshop entitled (how to write Scientific paper Research) 07.22.1434 H
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a workshop titled (the art of time management) 12/24/1434 AH
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a workshop titled (Academic Advising and guiding academic tasks) 05/04/1435 AH
-  Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - a workshop titled (Statistical Analysis using SPSS) 5/4/1435 AH

- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of Scientific Research - Participation in the activities of a scientific paper on the scientific research of the tenth annual 6-7 Rajab 1435H
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - Workshop (hosted by the training workshop entitled virtual classroom) 06/07/1435 AH
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha - Certificate of Appreciation (pleased Dean of the Faculty of Science to extend its sincere thanks and deep appreciation to Her Excellency Dr. / Mastoura Mohamed Edrees on her efforts during the academic year 1434-1435)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science for Girls Abha (thank the Faculty of Science door representative agency in college for the development and quality of Dr. Mastoura Mohamed Edrees on her participation at the crossroads of scientific research, the second for the academic year 1434-1435h and so on Wednesday 06/08/1435 H)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University Faculty of Science (participation research in Fifth International conference) 26/04/2014 H
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University (ahead of the Organizing Committee of the Conference of the publication of the first Saudi Scientific 27-29 / spring I 1435H to Dr. Mastoura Mohamed Edrees sincere thanks and appreciation for her participation in the presence of Congress)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of E-learning (advancing e-learning sincere thanks and appreciation to her Excellency Dr / Mastoura Mohamed Edrees Abdou for her outstanding endeavors in the submission and sprayed work (APPQMR 2011-2013) to the members of the teaching, as well as for her contribution to effective deployment of e-learning and eagerness to progress in the field of electronic design quality courses and obtaining the number of international certificates of quality Matters organization wishing her time excellence and scintillating)
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of E-learning (advancing e-learning sincere thanks and appreciation to His Excellency Dr/ Mastoura Mohamed Edrees Abdou to share internal audit reference participant with the decision of fungi and diseases, plant) 464 grew) according to international quality standards and also for her contribution to effective organizing and preparing

for a review of decisions on the electronic system (Quality Matters), wishing her happiness for excellence Time)

- ✚ (Developing Research Abilities: Idea Formulation and Research Management) with King Abdul-Aziz City for Science and Technology General Direction of Research Grants which was held at University of King Khalid at 5 March 2013.
- ✚ All the courses on the how to teaching on the blackboard (building, Activation, Electronic Test, E-tests system (Question mark), Virtual Classroom (Elluminate), Tegrity Classes and Articulate) 2010.
- ✚ Microsoft Outlook Collaboration – University of Southampton, Southampton, UK (March 2008).
- ✚ ICDL Computing Skills Qualification (Word Processing, Databases, Spreadsheets, Presentations, Concept of Information Technology, Using the Computer and Managing Files, Information and Communications) – Cairo, Egypt (August 2007).
- ✚ Scientific Research Procedures in the Drug Sector’ training program – Health Care International, Ministry of Health & Population, Cairo, Egypt (2-7 September 2006).
- ✚ Operating Package Certificate and Computer Maintenance Course, Cairo, Egypt.
- ✚ CLT Qualification in English, Cairo University, Centre for Foreign Languages and Professional Translation (CLT), Cairo, Egypt (7-22 June 2006).
- ✚ Summer school on protein crystallography and drug design held at the faculty of science at Cairo University during May 9-July 4, 2006.
- ✚ (Basic aspects of GC troubleshooting by the chromatogram ) at NODCAR from 10/10/2005
- ✚ (Basis of Recombinant protein production & purification ) at NODCAR from 28/6/2005
- ✚ (Cloning strategies [Types of vectors choice of vectors, etc.]) at NODCAR from 21/6/2005
- ✚ (Protein structure and protein Electrophoresis) SDS-PAGE-Agarose and Nitrocellulose]) at NODCAR from 7/6/2005
- ✚ (Enzymes used Biotechnology and Enzymatic Digestion of DNA) at NODCAR from 31/5/2005
- ✚ (RNA structure Extraction and Electrophoresis) at NODCAR from 24/5/2005
- ✚ (Computational approach of R & D in pharma industry) at NODCAR from 26/4/2005
- ✚ (Quality Control of Drugs, Vaccines and Natural Products) at NODCAR from 1-3 March 2004.

- ✚ (Computer Maintenance Course) at National Democratic Party Conversion Training Programme ( T. N. Electronics) 4/2004
- ✚ (Operating Package Certificate) at National Democratic Party Conversion Training Programme ( T. N. Electronics) 5/2004
- ✚ Workshop (Drug Stability & Expiry Dates) at NODCAR in contribution to the ministry of health from 27-28/9/1999.
- ✚ Workshop (Counterfeit Drugs: Detection and Prevention) at NODCAR in contribution to the ministry of health from 26-27/4/1999.

### **E-learning (Blackboard) certificates**

- System Virtual Classroom (Illuminate)
- E-Tests (Blackboard 9.1)
- System Virtual Classroom (Illuminate)
- E-tests system (Question mark)
- Virtual Classroom (Illuminate)
- E-Test or Electronic Test (Blackboard 9.1)
- Applying Quality Matters Rubric
- test
- Student's follow up via (Blackboard 9.1)
- Enhancing communication and participation via (Blackboard 9.1) \*
- Student's assessment via (Blackboard 9.1)
- Creating professional quality learning videos using Camtasia studio
- Design online courses that help learners
- Utilizing open resources
- Application of quality standards in the development of courses

### **Applying Quality Matters (QM) certificates**

- 1) Certified Online Facilitator Update, September 16, 2014.
- 2) QM Rubric Update 2014, September 12, 2014.
- 3) Independent Applying the QM Rubric 2011-2013 Rubric, 2014-05-18 (facilitator).
- 4) Face to Face Facilitator Certification (FFC) 2011-2013 Rubric, May 15, 2014.
- 5) Online Facilitator Recertification (OFR) 2013, June 4, 2013.
- 6) Online Facilitator Certification (OFC) 2011-2013 Rubric, November 22, 2012.




- 7) Peer Reviewer Course (PRC) 2008-2013, April 18, 2012.
- 8) QM Rubric Update 2011, February 29, 2012.
- 9) Applying the QM Rubric (APPQMR) 2008-12 (514) F2F Dedicated, April 24, 2011.
- 10) Designing Your Online Course (DYOC) on October 23, 2014.
- 11) Master Reviewer Certification (MRC) on February 16, 2016.
- 12) Designing Your Blended Course (DYBC) February 25, 2016.
- 13) Master Reviewer Recertification 2018 (MRR) February 28, 2018.
- 14) QM Rubric Update Sixth Edition (RU) June 1, 2018.
- 15) APPQMR Face-to-Face and Online Facilitator Recertification (AFOFR) November 1, 2018
- 16) Reviewer Course for Program Reviews (RCPR), November 15, 2018.
- 17) Master Reviewer Recertification 2019 (MRR), February 27, 2019.

### Course Reviewer

- 1- Chair, 464 نبت 464 14-04-2013 نبت King Kh122812, King Khalid University, KSA.
- 2- Reviewer, LD\_TAMKEEN\_SU\_100,2014-09-24 ELD\_TAMKEEN\_SU\_100King Kh052514King Khalid University, KSA.
- 3- Reviewer, 111 ENG 2015-12-20 -111 ENG King Kh110515, King Khalid University, KSA.
- 4- Reviewer, 015 ENG 2015-06-03 015 ENG King Kh050615, King Khalid University, KSA.
- 5- Chair, ECON 202 2016-04-04 ECON 202Univers021116, Principles of Macroeconomics, USA.
- 6- Chair, ECON 7431 2017-05-20 ECON 7431Georgia041017, Georgia Southern University, USA.
- 7- External Reviewer, OGL360 2018-01-29 OGL360Arizona122117, Arizona State University-Tempe, USA.
- 8- Chair, SLM 101 2018-08-01 SLM 101Princes052418, Princess Nourah Bint Abdulrahman University, KSA.
- 9- Reviewer, CE 423, 2019-01-29 CE 423King Kh010619, King Khalid University, KSA.

### Community services

-  King Khalid University, Faculty of Education, represented by the Deanship of Academic Development and Quality observed that Dr. Mastoura Abdou has presented

a training program entitled " " Quality of Electronic Courses" on 12-7-1440H, 19-3-2019G

- ✚ King Khalid University, Faculty of Education, represented by the Deanship of Academic Development and Quality observed that Dr. Mastoura Abdou has presented a training program entitled " How to write a research paper" on 10-7-1440H, 17-3-2019G
- ✚ King Khalid University, Faculty of science, represented by the Deanship of Academic Development and Quality observed that Dr. Mastoura Abdou has presented a training program entitled " " Writing skills of the Graduation research" on 29-6-1440H, 6-3-2019G
- ✚ The Association of Women's 'Afia' in Asir Region thanks Dr. Mastoura Mohamed Edrees for presenting a workshop titled "Communication Skills in Work" on Tuesday, 23-5-1440H, 29-1-2019.
- ✚ King Khalid University, Faculty of Home Economics, represented by the Deanship of Academic Development and Quality observed that Dr. Mastoura Abdou has presented a training program entitled " "How you can make a special electronic course" on 8-5-1440H, 14-1-2019G.
- ✚ King Khalid University, Faculty of Home Economics, represented by the Deanship of Academic Development and Quality observed that Dr. Mastoura Abdou has presented a training program entitled " How to write a research paper" on 1-5-1440H, 7-1-2019G.
- ✚ I supervised the lecture in the club on the chemistry of fruits in the second semester 1438-1439 H.
- ✚ I have done a lecture in the chemistry club on “the chemistry of cosmetic materials components and the effects and how to protect our body” in first semester 1438-1439H.
- ✚ I supervised his lecture in the chemistry club about natural oils in our lives in the second semester 1438-1439 H.
- ✚ I supervised his lecture in the chemistry club on chemistry in coffee in the second semester 1438-1439 H.
- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of E-learning (advancing e-learning sincere thanks and appreciation to her Excellency Dr / Mastoura Mohamed Edrees Abdou for her outstanding endeavors in the submission and sprayed work (APPQMR 2011-2013) to the members of the teaching,

as well as for her contribution to effective deployment of e-learning and eagerness to progress in the field of electronic design quality courses and obtaining the number of international certificates of quality Matters organization wishing her time excellence and scintillating)

- ✚ Saudi Arabia - and the Ministry of Higher Education - King Khalid University –Dean of E-learning (advancing e-learning sincere thanks and appreciation to His Excellency Dr/ Mastoura Mohamed Edrees Abdou to share internal audit reference participant with the decision of fungi and diseases, plant) 464 grew) according to international quality standards and also for her contribution to effective organizing and preparing for a review of decisions on the electronic system (Quality Matters), wishing her happiness for excellence Time)
- ✚ The Faculty of Science in the Department of Female Students at King Khalid University expresses its thanks and appreciation to His Excellency Dr. Mastoura Edrees for her participation in the presentation of the role of electronic learning (Blackboard) Collaborate for faculty members in the faculty on Monday 3-14-1439 AH
- ✚ King Khalid University, represented by the Deanship of Academic Development and Quality and e-learning Deanship, observed that Dr. Mastoura Abdou has presented a training program entitled "Designing Electronic Courses according to Quality Standards" (QM) on 5-5-1437H.
- ✚ I held an exhibition for students of the chemistry course of a heterogeneous 417 chem -2 and see the members of the exhibition.

### **Administrative work at faculty of the science chemistry department**

- \* Work in Control section of exams of Chemistry Department (1431-1432H)
- \* Work of the Committee of the workflow of exams in Chemistry Department (1432-1433H)
- \* Work of the Committee on tables of the Chemistry Department (1432-1433H)
- \* Representative, for the head of Department of Chemistry (1433-1434 H)
- \* Certified trainer in the Deanship of e-learning (1433H to date)
- \* Working of the Committee on the Rights of students. (1431- till now)
- \* Chair of the Chemistry Department] (14/3/1434-26/7/1434) -(25/10/1434-13/8/1435 H)
- \* Member faculty Council (14/3/1434-26/7/1434) -(25/10/1434-13/8/1435 H)

- \* Coordinated of a quality section of chemistry department (1435-1438 H)
- \* Head of Committee of the equations section of chemistry department (1435-1438 H)
- \* Development plan Committee member for the annual programmed of the Department of Chemistry (1435-1436 H)
- \* Member of the College strategic plan (1435-1436 H)
- \* Responsible of the e-learning of the Chemistry Department (1435-1436 H)
- \* Member distinguished from Chemistry Department (1435-1436 H)
- \* head of Committee of the Scholarships students of chemistry department (1435-1438 H)
- \* Member of doctor degree community faculty of science (1438-1440)
- \*Coordinator of the Council of the Department of Chemistry (1439 H - now)

### Teaching work

- \* Principles of organic chemistry (dyes + Feed) theoretical + practical
  - \* Preparation organic compounds (345 Chim)
  - \*practical organic chemistry (364 Chim)
  - \*Identification of organic compounds(362 Chim)
  - \* General Chemistry (110 Chim) theoretical + practical
  - \* Organic Chemistry (111 Chim) theoretical + practical
  - \* Organic Chemistry 2 (246 Chim) theoretical + practical
  - \* Practical Organic Chemistry (346 Chim)
  - \* Organic Chemistry 1 (245 Chim) theoretical + practical
  - \* Organic Chemistry 1 (212 Chim) theoretical + practical
  - \* Organic Chemistry 4 (344 Chim) theoretical
  - \* Organometallic chemistry (421 Chim) theoretical
  - \* Graduation research paper (470 Chim) theoretical + practical
  - \* Organic Chemistry 2 (213 Chim) theoretical + practical
  - \* Heterocyclic chemistry (417Chim)
  - \* Spectroscopic chemistry (314 Chim)
  - \* Reaction mechanism (416 Chim)
- Teaching courses via online by 25 to 66% (blended electronically integrated) and fully online courses.

## **Supervising the scientific research of graduate students**

- Synthesis, reactions and biological study of some pyrazolone compounds
- A study of osteoporosis and the drugs used in terms of composition, chemical preparation, spectroscopy, and biological effect.
- Study the chemical properties of preservatives and their effects on food and human health.
- Studying the importance of effective compounds in olive oil, their reactions and their effectiveness towards some diseases.
- study on sickle cell anemia and drugs used in terms of composition, chemical preparation, spectroscopy, and biological effect.
- Studying the chemical compounds of some medicinal plants and their methods of extraction and biological effect.

## **Editorial Board and Reviewer**

1. Editor-in-Chief in Medicinal & Analytical Chemistry International Journal (MACIJ).
2. In the Editorial Board at the Journal of Cell and Developmental Biology.
3. In the Editorial Board at the Journal of Modern Medicinal Chemistry.
4. In the Editorial Board at the Journal of "SM Analytical & Pharmaceutical Research".
5. In the Editorial Board at Journal of Thermodynamics & Catalysis.
6. In the Editorial Board at the World Journal of Organic Chemistry.
7. A reviewer at European Journal of medicinal chemistry.
8. A reviewer at Journal of Modern Medicinal Chemistry.
9. A reviewer at World Journal of Organic Chemistry.
10. A reviewer at Archive der Pharmazie.
11. A reviewer at the journal of heterocyclic chemistry.

## **Research Projects**

1. No. 68-1439H (Eco-Friendly Synthesis, Characterization and Biological Evaluation of Some Novel Pyrazolines Containing Thiazole Moiety as Potential Anticancer and Antimicrobial Agents).
2. No. 74-1439H (Green Synthesis and biological evaluation of Some Novel Thiazole-Based Heterocycles as Potential Anticancer and Antimicrobial Agents).

### M. Sc. Thesis I Examined :

Ghalbaa Nasser Fayez Alshahrani. (2018)- Isolation and Characterization of Some Secondary Metabolites from *Aeluropus Lagopoides* in Saudi Arabia.

### Review of Research Projects

Several research projects were reviewed to the University of the Northern border at Saudi Arabia.

Project No. SCI-2017-1-7-F6928

Project No. EAR-2016-1-6-F 5705

Project No. SCI-2016-1-6-F4679

Project No. SCI-2016-1-6-F 5705

### Conferences, Presentations and Papers

1. **Presentation:** “Microwave-assisted one pot three-component synthesis of some novel pyrazole scaffolds as potent anticancer agents” Mastoura M. Edrees – 10<sup>th</sup> Annual Scientific Research Day for the Department of chemistry, Wednesday, 5/08/1440H, 10 /04/2019.
2. **Poster:** 14<sup>th</sup> Annual Scientific Research Day for the College of Science, Abha, King Khalid University, KSA. Monday, 25-7-1440H, 1/04/2019.
3. “Conference of research and development initiatives and their impact in raising the quality, efficiency and effectiveness of scientific research in Saudi universities and contribute to economic development” Held at the Abha Palace Hotel, 20-21-7-1440 H, 27-28-3-2019G
4. **Presentation:** “Antitumor Evaluation and Molecular Docking of New Morpholine Based on Heterocycles.” Mastoura M. Edrees – 13<sup>th</sup> Annual Scientific Research Day for the College of Science, Wednesday, 11/04/2018.
5. **Poster:** 2<sup>ed</sup> faculty of science conference 6/8/2014 Abha, King Khalid University, KSA.
6. **Poster:** 5<sup>th</sup> International Chemistry Conference: 26-29 April 2014 Abha Palace Hotel, Abha, KSA.

7. Conference: BioConference Live: Clinical Diagnostics May 23-24, 2012.
8. **Presentation:** “Anti-Tumour and Anti-AIDS Effect of Novel Synthesized Oxazolone Compounds.” Mastoura M. Edrees – 1st International Conference of Genetic Engineering and Biotechnology Research Division, Alexandria, Egypt, 15-17 March 2004.
9. **Presentation:** “Anti-Tumour and Anti-AIDS Effect of Novel Synthesized Oxazolone Compounds.” Mastoura M. Edrees – 1st International Conference of Genetic Engineering and Biotechnology Research Division, Alexandria, Egypt, 15-17 March 2004.
10. **Poster:** “Design, Synthesis and Biological Evaluation of Benzothiazoles and Related Structures for Anti-Tumour Effect.” H. H. Moharram and Mastoura M. Edrees. – 6<sup>th</sup> Scientific Conference of Quality Control of Drugs, Vaccines and Natural Products, Cairo, Egypt, 23-25 March 2002.
11. **Conference:** 5th National Conference of Biochemistry and Molecular Biology, Cairo, Egypt, 12-14 May 2002.

### List of publications

- 1) “Synthesis, Tautomeric Structure and Cyclization of Diazonium Coupling Products of 3-(Aroylmethyl)-8-phenylpyrimido [1,2-b]-1,2,4-triazine-2,6(1H)-dione.” Ahmad S. Shawali, Thoraya A. Farghaly, and Mastoura M. Edrees. Int. J. Pure Appl. Chem. 2006, 1(4), 531-537.
- 2) “Reaction of nitrilimines with heterocyclic amines and enamines. Convenient methodology for synthesis and annulation of heterocycles.” Ahmad S. Shawali and Mastoura M. Edrees, ARKIVOC 2006, (ix), 292-365.
- 3) “Synthesis, of Pyridazine Derivatives From 2-Amino-3-Carbamido-4,5,6,7-TetraHydroBenzo[b]Thiophene Derivatives and Their Antimicrobial Activity.” Wagnat W. Wardakhan and Mastoura M. Edrees, Egypt. J. Biomed.Sci. 2009, (29), 28-39.
- 4) “Uses of 4,5,6,7-tetrahydrobenzo[b]thiophene derivatives in Heterocyclic Synthesis: Synthesis of pyrazol, pyrimidine and pyridazine Derivatives with antimicrobial activities.”

- Wagnat W. Wardakhan and Mastoura M. Edrees, Egypt J. Chem. 2010, (53), No.2, pp.243-255.
- 5) "CG base pair recognition within DNA triple helices by modified N-methylpyrrolo-dC nucleosides" Simon R. Gerrard, Mastoura M. Edrees, Imenne Bouamaied, Keith R. Fox, Tom Brown, Org. Biomol. Chem., 2010, 8, 5087-5096.
  - 6) "Antimicrobial, antitumor and 5 $\alpha$ -reductase inhibitor activities of some hydrazoneyl substituted pyrimidinones" Mastoura M. Edrees, Thoraya A. Farghaly, Fatma A.A. El-Hag, and Mohamed M. Abdalla, European Journal of Medicinal Chemistry (December 2010), 45 (12), pg. 5702-5707.
  - 7) "Biological Screening for Some Newly Synthesized Pyrazolo[3,4-d] Pyrimidine Derivatives" Zeinab Y. Ali and Sawsan A. Mohamed and Mastoura M. Edrees, Nature and Science 2012, 10(7)58-69.
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