

Curriculum Vitae



Prof. KHALED ABOUZID MOHAMED

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Scopus H index = 32

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<https://www.linkedin.com/in/khaled-abouzid-97576139/>

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https://www.researchgate.net/profile/Khaled_Abouzid2/research

https://scholar.google.com.eg/citations?hl=en&user=mM7Ye38AAAAJ&view_op=list_works&sortby=pubdate

<https://publons.com/researcher/3005074/khaled-abouzid/>

<http://staff.asu.edu.eg//index.php?id=pharma-151&action=publication>

<http://fop.usc.edu.eg/ar/dean/459.aspx>

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[Web of Science ResearcherID S-8284-2019](#)

Summary of Qualifications

Educational experience:

Teaching organic and pharmaceutical chemistry for undergraduate and postgraduate students.

Research work:

Excellence in pharmaceutical, medicinal chemistry and drug discovery research

Administrative work:

-Manager of the quality assurance unit at the faculty of pharmacy, Ain Shams Univ. for three years.

- Executive manager for accreditation project CIQAAP at the Faculty of Pharmacy- Ain Shams University for 30 months.
- Vice Dean for students' affairs for 6 years
- Head of pharmaceutical chemistry department
- Acting dean of the Faculty of Pharmacy, University of Sadat City

Education

- 1995: Ph. D, Pharmaceutical Sciences
Faculty of Pharmacy, **Cairo University** and Pharmacy, **University of Connecticut, USA** with *2-years scientific mission from 1992-1994*
- 1990: M Sc. , Pharmaceutical Sciences
- Faculty of Pharmacy, Organic Chem. Dept., Cairo University.
- 1985: B. Sc. , Pharmaceutical Sciences, Grade: Excellent with honor , Faculty of Pharmacy, Cairo University.

Professional Experience

1985 -1990:

Instructor of Pharmaceutical Organic Chemistry
Organic Chem. Dept., Faculty of Pharmacy
Cairo University, Cairo, EGYPT.

1990-1995

Assistant Lecturer of Pharmaceutical Organic Chemistry
Organic Chem. Dept., Faculty of Pharmacy, Cairo University, EGYPT.

1992-1994:

Member of Educational Mission & Researcher
In the medical Chemistry Department, School of Pharmacy, University of Connecticut, USA under the supervision of Prof. Alexandros Makriyannis.

1995- 2001:

Lecturer of Organic Chemistry
Organic Chem. Dept., Faculty of Pharmacy, Cairo University, EGYPT

2001-2003:

Lecturer_at pharmaceutical chemistry department, Faculty of pharmacy, Ain Shams University

28/7/2003 to 16/8/2008 :

Associate Professor of Pharmaceutical Chemistry, Pharmaceutical Chem. Dept., Faculty of Pharmacy, Ain Shams University-Cairo- EGYPT

7/2005-10/2005 :

As post-doctoral scientific mission fellow to the Faculty of Biology and Pharmacy, Friedrich-Schiller-Universität Jena, Germany

16/8/2008 :

Professor at Pharmaceutical Chem. Dept., Faculty of Pharmacy, Ain Shams University

12/10/2008 to 4-11-2009 :

Head of Pharmaceutical Chemistry
Dept., Faculty of Pharmacy, Ain Shams University

5-11-2009-4-11-2015 :

vice dean of educational and students affairs, Faculty of Pharmacy, Ain Shams University

5-11-2015 -14-10-2018

Head of Pharmaceutical Chemistry, Dept, Faculty of Pharmacy, Ain Shams University

15-10-2018 till now

Acting Dean of the Faculty of Pharmacy, Sadat City University

Professional and Scientific Activities & Expertise

- **Teaching Experiences:**

- Lectured organic chemistry and pharmaceutical chemistry practical sessions for undergraduate pharmacy students (preparatory, first, second, third and fourth years) at the Universities of Cairo, Ain Shams, MIU, GUC.
- Lectured organic chemistry and pharmaceutical chemistry for undergraduate pharmacy students (preparatory, first, second, third and fourth years) in the Universities of Cairo, Ain Shams, MIU, GUC.
- Lectured advanced organic chemistry, drug design and pharmaceutical chemistry for postgraduate pharmacy students at Ain Shams University.
- Examiner of organic and pharmaceutical chemistry at Ain Shams University.
- Designed practical sessions and developed appropriate supplementary materials, including an electronic organic chemistry laboratory manual for the undergraduate students at GUC in Cairo.

- **Examination Control Experience**

- 2004 to 2008 : Head of the first year examination control at Faculty of Pharmacy- Ain Shams University.
- **External Appointments**
 - 2000/2001 Semesters: appointed to teach at Ain Shams University.
 - 2001/2002 & 2002/2003 appointed to teach organic chemistry at MIU.
 - 2006 to 2008 Appointed to teach pharmaceutical and organic chemistry at GUC.
 - 2/2008 Appointed to teach Organic Chemistry course at Al-Fateh University, Tripoli, Libya.
 - External Examiner of organic and pharmaceutical chemistry for undergraduates at the Universities of: Cairo, Alexandria, Mansoura, Helwan, Tanta, Zagazig, Assiut, Menya, Suez Canal, Azhar (Girls and Boys sections), 6th of October, MUST, Canadian Ahram and the Egyptian-Russian.
- **Training Courses:**
 - 8-19 February 1992: attended training Course for the Preparation of University Lecturer at the University of Cairo.
 - 8-10 May 2001: attended workshop of "Writing Research Projects" at Faculty of Nursing- Cairo University.
 - 2006: attended two workshops on "Interactive Teaching" King's College University of London- UK
 - 2007: "Preparation and Development of Chemistry Curricula" at King's College University of London- UK, through the Tempus project by Sekem Foundation for Development.
 - Starting from 2005: attended six courses for the development of capabilities of Ain Shams University staff members and leadership personnel.
 - 2012 one-week Workshop on "University Leadership and Management in an International Context" at the premises of "DAAD Cairo"
 - 2018 One-week Workshop about chemical safety and security by Sadia, USA, Hilton Zamalek
- **Research Projects:**
 - As a member of the research group working on "National Institute of Drug Abuse" Project (School of Pharmacy-University of Connecticut, CT, USA); achieved the synthesis of winning anandamides analogues in 1994
 - Statin nitrate hybrid compounds at the school of pharmacy, Jena, Germany 2005
 - Participated in a two-years project; "Synthesis of Egyptian Drug Used for Treatment of Hypertension", funded by Ain Shams University; 12/2001.

- PI of the project titled Design and synthesis of AMPK inhibitors to combat cancer (Funds 50,000 LE) from Ain Shams University since 2017
- Member of research team of two research projects at university of Sadat City

Membership of Professional Associations and Committees

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- Member of the National committee for crystallography.
 - Member of the Egyptian Pharmaceutical Society since 1995.
 - Pharmacy ASU, Faculty council member
 - Member of Committee for Higher Postgraduate Studies.
 - Head of Student's Affair Committee.
 - Environment and Society Services Committee.
 - Member of Ain Shams Student's Affair Committee
 - Member of Permanent Committee for Student's Affairs, Ain Shams university
 - Moderator of quality assurance unit committee at Faculty of pharmacy ASU
 - Moderator of Alumni Association committee
 - Member of the national promotion committee for professors and assistant professors in medicinal and biochemistry, SCU, cycle 12 and 13, 14
 - Member of the promotion committee for professors and assistant professors in medicinal chemistry at Azhar university
 - Director of the promotion committee for professors and assistant professors in medicinal chemistry at NODCAR (Egyptian Drug authority)
 - Member of MASRI research center at the faculty of medicine ASU
 - Member of Council of university of Sadat City since Oct 2018 till 2020

Activities in the Field of Quality Assurance Management

- Preparing the final report for the qualification project of accreditation for the Faculty of Pharmacy- Ain Shams University.
- Field visits for disseminating quality system for national academic reference standards (NARS) for the pharmacy sector in some of the Faculties of Pharmacy in Egypt.
- A member of the research team for the preparation of the "National Reference Standards for Pharmaceutical Education in Egypt". These reference standards have been accredited by the Pharmaceutical Education Sector Committee starting from the school year 2006/2007.
- Attended workshops and training courses in the quality assurance field for example:
 - Quality management center- Ain Shams University.

- "Peer Reviewers - Faculty of Agriculture – Cairo University.
- "How to prepare study curricula description and designing, preparing and writing quality projects", at the Faculty of Pharmacy- Ain Shams University.
- Strategic planning at Faculty of Agriculture – Cairo University.
- Attended the International Conference for Quality Assurance, Cairo University, 15th April 2008.
- Management Positions Regarding Quality Assurance:
 - Executive Manager of the Accreditation Project "CIQAP" (10 Million LE) for upgrading the faculty from 3-2008-to 10-2010.
 - Manager of the Quality Assurance Unit- Faculty of Pharmacy- Ain Shams University from 3-2008 to 27-11-2011 which finally led to accreditation of the Faculty of Pharmacy Ain Shams University in 11 October 2011

Capacity building activity

- Establishment of Drug Design Laboratory- Faculty of Pharmacy- Ain Shams University.
- co-founder of Center of excellence in drug discovery at the faculty of pharmacy, Ain Shams university May 2013
- Executive manager of CIQAP in 2012

Social Activities

- Head of Egyptian Postgraduate Students 'Association in Storrs, Connecticut, USA from 1993 to 1994.
- Head of the Student's Committee for Social Activities, Faculty of Pharmacy- Ain Shams University starting from 2004 to 2008.
- Consultant for Eva pharm for optimization of the synthesis of Active pharmaceutical ingredients (API)
- Organizing medical caravan for Fayoum and Ismailia
- A member of national committee for curricula for National University Galala, Alameen, King Soliman and Mew Mansoura University

Awards

- 2008-2023: The International Publication Awards from Ain Shams University, for international publication.

- Among the list of distinguished 2% international scientists published by Stamford University for 4 years since 2020
- Ain Shams University Appreciation Award 2023

Scientific Productivity

- Referee for international journals such as bioorganic medicinal chemistry, medicinal chemistry research, European journal of medicinal chemistry and arch der pharmazie.
- Reviewer at national STDF projects
- Reviewer at scientific research academy, prize sector
- Reviewer for King AbdelAziz Saudia Arabia and Esraa University in Jordan
- Thesis Examiner:
External Examiner of PhD and Master theses in Cairo, Assuit, Alexandria, Azhar, Zagazig, Menia, Suez Canal, Helwan, GUC universities
- Thesis supervisions:
Supervised 110 Master and PhD students at Cairo, ASU, GUC Helwan, Damanhour, and Kanat Suez universities

International Scientific Collaboration

- **Joint supervision collaboration with the following Universities:**
 - The Ohio State University
 - The Michigan State University
 - The Georgia State University
 - University of Alberta, Canada
 - Joint research with Jena university and Heidelberg
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Publications

List of Publication

1. "Synthesis of 1,4-Disubstituted Piperazines as Potential Antihypertensive Agents", K. A. M. Abou-Zeid, K. M. Youssef, F. M. Amine, S. Botros and Z. Isaa; *Egypt. J. Pharm. Sci.*, Vol. 30, No. 1-4, pp. 429-436, (1989).
2. "Synthesis and Antihypertensive Activity of 1,4-Disubstituted Piperazines", K. A. M. Abou-Zeid, K. M. Youssef, F. M. Amine and S. Botros; *Egypt. J. Pharm. Sci.*, Vol. 32, No. 1-2, pp. 165-174 (1991).
3. "6-[4-(Substituted-Amino)Phenyl]-4,5-Dihydropyridazin-3(2H)-ones as Cardiotonic Agents", K. A. M. Abou-Zeid, K. M. Youssef, M.A. Shaaban, F.A. El-Telbany and S.H. Al-Zanfaly; *Bull. Fac. Pharm. Cairo Univ.*, Vol. 33, pp. 9-11 (1995).
4. "Synthesis and Phosphodiesterase Inhibiting Activity of Some 6-Substituted-4,5-Dihydropyridazin-3(2H)-ones" K. A. M. Abou-Zeid, K. M. Youssef, M.A. Shaaban, F.A. El-Telbany and S.H. Al-Zanfaly; *Bull. Fac. Pharm. Cairo Univ.*, Vol. 33, pp. 25-28 (1995).
5. "Synthesis of Novel 4,5-Dihydropyridazin-3(2H)ones Derivatives with Benzoxazine and Benzoxazole Heterocycles at the 6- Position as Cardiotonic agents"; K. A. M. Abou-Zeid, K. M. Youssef, M.A. Shaaban, F.A. El-Telbany and S.H. Al-Zanfaly; *Egypt J. Pharm. Sci.*, 38, 303 (1997).
6. "Synthesis of 6-[4-(Substituted-amino)phenyl]-4,5-Dihydropyridazin-3(2H)ones as Potential positive Inotropic Agents"; K. A. M. Abou-Zeid, K. M. Youssef, M.A. Shaaban, F.A. El-Telbany and S.H. Al-Zanfaly, *Egypt J. Pharm. Sci.*, 38, 319 (1997).
7. "Head Group Analogs of Arachidonylethanolamide, the Endogenous Cannabinoid Ligand", A. D. Khanolkar, V. Abadji, S. Lin, W. A. G. Hill, G. Taha, K. Abouzid, Z. Meng, P. Fan and A. Makriyannis; *J. Med. Chem.*, 39, pp.4515-4519 (1996). <http://dx.doi.org/10.1021/jm960152y> ISI Impact Factor: 6.50
8. "Substrate Specificity And Stereoselectivity Of Rat Brain Microsomal Anandamide Amidohydrolase", Lang, W., C. Qin, S. Lin, A.D. Khanolkar, A. Goutopoulos, P. Fan, K. Abouzid, Z. Meng, D. Biegel, and A. Makriyannis; *J. Med. Chem.*, 42, pp. 896-902 (1999). ISI Impact Factor: 6.50
<http://dx.doi.org/10.1021/jm980461j>
9. "Synthesis and Evaluation for Potential Antihypertensive Activity of a Series of Substituted Imidazolinone Oximes and Cyclohexanespiro-8-imidazo[5,1-c]-1,2,4-oxdiazines" Mohamed Abdel Hamid Ismail, Khaled Abouzid, Awatef, E. Farag and Amani E. Khalifa; *Alex. J Pharm. Sci.*, 14(2), pp. 151-161 (2000).
10. Synthesis and Antihypertensive Activity of Novel benzimidazole, benzoxazole and benzothiazole derivatives Khaled Abouzid, Hanan Refaat, Maha Abdel Hakeem and Ashraf B. Abdel-Naim; *Bull. Fac. Pharm. Cairo Univ.*, 40(1), pp. 7-12 (2002).

11. "Synthesis of Certain Substituted Quinoxalines as Antimicrobial Agents (Part I)", Mohga M. Badran, Khaled A. M. Abouzid and M. H. M. Hussein; *Az. J. Pharm. Sci.*, 30, 57 (2002).
12. "Synthesis of Certain Thienopyrimidine Derivatives as Antimicrobial Agents", A. A. Mouneer, Khaled A. M. Abouzid and M. M. Said; *Az. J. Pharm. Sci.*, 30, 150 (2002).
13. "Synthesis of Certain 5,6,7,8-tetrahydrobenzo[b] thienopyrimidines Fused with Various Heterocyclic Ring Systems as Potential Antihypertensive Agents" Mohamed Abdel Hamid Ismail, Mohammed Nabil Y. Aboul-Einein, Khaled Abouzid, Sahar Kandil; *Alex. J Pharm. Sci.*, 15(2), 143 (2002).
14. "Synthesis and Antimicrobial Activity of Certain Substituted Quinoxalines (Part II) "; Mohga M. Badran, Khaled A. M. Abouzid and M. H. M. Hussein; *Arch. Pharm. Res.*, 26, 2, pp. 107-113 (2003) <http://apr.psk.or.kr>
15. "Synthesis and Antiinflammatory Activity of Novel Indazolones", Khaled A. M. Abouzid and H. S. El-Abhar; *Arch. Pharm. Res.*, 26, 1, pp. 1-8 (2003). (Springer) <http://apr.psk.or.kr>
16. "Synthesis and Biological Evaluation of New Thiazololpyrimidines", Makarem Said, Khaled A. M. Abouzid, Ashraf Mouneer; *Arch. Pharm. Res.*, 27, pp. 471-477 (2004). (Springer) <http://apr.psk.or.kr>
17. "Antipyretic, Antinocceptive and Anti-inflammatory Activity of Certain oxbutanoic Acid Derivatives", Khaled A.M. Abouzid, Khairia M Youssef, Amany A. E. Ahmed and Hanna Hussain Al-Zuhair; *Med. Chem. Res.*, 14:1, pp. 26-39 (2005).
<http://dx.doi.org/10.1007/s00044-004-0123-6>
18. "Ligand Design and Synthesis of New Imidazo[5,1-b]quinazoline Derivatives as α_1 -Adrenoceptor Agonists and Antagonists"; Mohamed A. H. Ismail, Mohamed N. Y. Aboul-Enein, Khaled A. M. Abouzid and Rabah A. T. Serya; *Journal of Bioorganic & Medicinal Chemistry*, 14, pp. 898-910 (2006). (Elsevier)
<http://dx.doi.org/10.1016/j.bmc.2005.07.037>
19. "Design and Synthesis of New Tetrazolyl and Carboxy-biphenyl methyl-quinazolin-4-one Derivatives as Angiotensin II AT1 Receptor Antagonists", Mohamed A. H. Ismail, Stewart Baker, Dalal A. Abou El Ella, Khaled Abouzid, Rabab A Toubar and Matthew H Todd; *J. Med. Chem.*, 49, pp. 1526-1535 (2006). <http://dx.doi.org/10.1021/jm050232e>
ISI Impact Factor: 6.50
20. "Design, Synthesis and Antihypertensive Activity of Certain Pyrazolopyrimidines with Arylpiperazine Side Chains", Khaled Abouzid, Azza Taher, Hanan H. Kadry; *Bull. Fac. Pharm. Cairo Univ.*, 45(2), pp. 87-97 (2007).
21. "Design, Synthesis and Blood Pressure Lowering Activity of Certain Tetrahydrobenzo[b]thiophene Derivatives with Arylpiperazinyl Side Chains", Khaled Abouzid, Azza Taher, Mona M. Kamel; *Bull. Fac. Pharm. Cairo Univ.*, 45(2), pp. 75-85 (2007).
22. "6-Aryl-4-oxohexanoic Acids: Synthesis, Effects on Eicosanoid Biosynthesis, and Anti-inflammatory in vivo -Activities", Khaled Abouzid, Petra Frohberg, Jochen Lehmann, and Michael Decker; *Medicinal Chemistry*, 3, pp. 433-438 (2007)
<http://dx.doi.org/10.2174/157340607781745393>

23. "Design, Synthesis and *in vitro* Antitumor Activity of 4-Aminoquinoline and 4-Aminoquinazoline Derivatives Targeting EGFR Tyrosine Kinase", Khaled Abouzid and Samia Shouman; *Bioorganic & Medicinal Chemistry* 16, 7543-7551 (2008) (Elsevier)
<http://dx.doi:10.1016/j.bmc.2008.07.038>
24. "Novel Anti-Inflammatory Agents Based on Pyridazinone Scaffold; Design, Synthesis and *in vivo* Activity", Khaled Abouzid and Salma A. Bekhit; *Bioorganic & Medicinal Chemistry*, 6, 5547-5556 (2008) (Elsevier).
<http://dx.doi.org/10.1016/j.bmc.2008.04.007>
25. "Pyridazinone Derivatives; Design, Synthesis and *in vitro* Vasorelaxant Activity", Khaled Abouzid, Maha Abdel Hakeem and Omnya Khalil, Yosria Maklad; *Bioorganic & Medicinal Chemistry*, 16(1), pp. 382-389 (2008). <http://dx.doi:10.1016/j.bmc.2007.09.031>
26. Design, synthesis and anti-inflammatory activity of 3-arylethenyl-6-substituted-pyridazines: Khaled A. M. Abouzid, Nadia A. Khalil, Eman M. Ahmed, Hekmat A. Abd El-Latif, *Bull. Fac. Pharm. Cairo Univ.*, 46(3), pp. 87-97 (2008).
27. "Lonazolac Analogues: Molecular Modeling, Synthesis and *in vivo* Anti-inflammatory Activity" Mohamed A. H. Ismail, Jochen Lehmann, Dalal A. Abou El Ella, Amgad Albohy and Khaled A. M. Abouzid· *Med. Chem. Res* (Springer) 18,725-744 (2009).
[DOI 10.1007/s00044-009-9163-2](https://doi.org/10.1007/s00044-009-9163-2)
28. "ACE inhibitors hypothesis generation for selective design, synthesis and biological evaluation of 3-mercapto-2-methyl propanoylpyrrolidine-3-imine derivatives as antihypertensive agents". Mohamed A. H. Ismail, Mohamed N. Y. Aboul-Enein, Khaled A. M. Abouzid Dalal A. Abou El Ella and Naser Saad *Bioorganic & Medicinal Chemistry*, 17, 3739-3746 (2009). (Elsevier)
[DOI: 10.1016/j.bmc.2009.03.008](https://doi.org/10.1016/j.bmc.2009.03.008)
29. Novel pyridine derivatives as anticancer agents and phosphodiesterase 3 inhibitors" Ashraf H. Abadi, Tamer M. Ibrahim, Khaled M. Abouzid, Jochen Lehmann, Heather N, Tinsley, Bernard D. Gary, Gary A. Piazza *Bioorganic & Medicinal Chemistry* 17 (2009) 5974-5982. (Elsevier)
[doi:10.1016/j.bmc.2009.06.06](https://doi.org/10.1016/j.bmc.2009.06.06)
30. Molecular Modeling Design, Synthesis and Biological Evaluation of New Imidazoline Derivatives Linked as $\alpha 1$ -AR Antagonists and AngII Receptor Antagonists, Mohamed A. H. Ismail, Dalal A. R. Abou El Ella, Khaled A. M. Abouzid and Deena S. M. Lasheen *Jordan Journal of Chemistry* 4 (4), (2009), 329-347
31. Structure-Based Molecular Design, Synthesis and in-vivo Anti-inflammatory Activity of Pyridazinone Derivatives as Non-Classic COX-2 Inhibitors" Khaled A. M. Abouzid, Nadia A. Khalil, Eman M. Ahmed, Hekmat A. Abd El-Latif and Moustafa E. El-Araby *Med. Chem. Res* 19: 629-642 (2010). (Springer)
[DOI: 10.1007/s00044-009-9218-4](https://doi.org/10.1007/s00044-009-9218-4)

32. Organic synthesis and biological evaluation of novel (3+1) mixed ligands of technetium-99m Gabapentin as receptor imaging agents. A. M. Ami, K. Abou zid, N. A. Bayoumi and M. Abd El-hamid. *J Radioanal Nucl Chem* (2010) 283:55–62
DOI 10.1007/s10967-009-0059-x
33. Nitrat-Statin-Hybride eine neue Option zur Therapie der Alzheimer'schen Krankheit Lengfelder Claudia; Traber Heidi; Roegler Carolin, Khaled abuzid and Jochen Lehmann; Herz supplement (Munchn. Print) 35 (2010) 12-17.
34. Computer based drug design, synthesis and biological evaluation of new pyrimidinone derivatives linked to arylpiperazine and 2'-carbethoxy-biphenylmethyl moieties as α_1 -adrenoceptor antagonists and angiotensin II AT1 receptor antagonists . Ismail, M. A. H.; Abou El Ella, D. A.; Abouzid, K. A. M.; Al-Ansary, G. H. A. *Pharmazie* (2010), 65(11), 794-800.
doi: 10.1691/ph.2010.9732
35. Synthesis, Binding Studies and Molecular Modeling of Novel Cannabinoid Receptor Ligands Noha A. Osman, Amr H. Mahmoud, Marco Allar, Raimund Niess, Khaled A. Abouzid, Vincenzo Di Marzo, Ashraf H. Abadi *Bioorganic & Medicinal Chemistry*, 18 (2010) 8463–8477. (Elsevier) doi:10.1016/j.bmc.2010.10.05
36. Molecular modeling study and synthesis of quinazolinone-aryl piperazine derivatives as α_1 -adrenoreceptor antagonists; Sahar Mahmoud Abou-Seri, Khaled Abouzid and Dalal A. Abou El Ella *European Journal of Medicinal Chemistry* 46 (2) 647-658 (2011) (Elsevier)
doi10.1016/j.ejmech.2010.11.045
37. Baclofen ester and carbamate prodrug candidates: A simultaneous chromatographic assay, resolution optimized with DryLab: (Rasha Hanafia, Salwa Mosada, Khaled Abouzid, Raimund Nieß, Hilde Spahn-Langguth. *Journal of Pharmaceutical and Biomedical Analysis* 56 (2011) 569– 576 (Elsevier)
doi: 10.1016/j.jpba.2011.06.023
38. Synthesis and evaluation of antiproliferative activity of 1,4-disubstituted phthalazines, Khaled A. M. Abouzid, Nadia A. Khalil and Eman M. Ahmed. *Medicinal Chemistry Research* 21:3288–3293 (2012) (Springer)
DOI 10.1007/s00044-011-9874-z
39. Design, synthesis, and evaluation of anti-inflammatory and ulcerogenicity of novel pyridazinone derivatives K. A. M. Abouzid, N. A. Khalil, E. M. Ahmed, A. Esmat and A. M. Al-Abd, *Medicinal Chemistry Research* (2012) 21:3581-3590 (*Springer*)
DOI 10.1007/s00044-011-9895-7
40. Preparation of ^{99m}Tc -Ceftazidime as a Model of Infection Imaging Agent M. A Motaleb, A. A. El-Mohty, M. A. El Garhy, Mohamed A H Ismail, Khaled A. M. Abouzid and T M. Sakr, *Arab Journal of Nuclear Sciences and Applications*, 44 (3), 57(2011)
41. Labeling and Biological Evaluation of ^{99m}Tc -Cefotaxime for infective Inflammation Diagnosis, M. A Motaleb, A. A. El-Mohty, M. A. El Garhy, Mohamed A H Ismail,

Khaled A. M. Abouzid and T M. Sakr, Arab Journal of Nuclear Sciences and Applications, 44, 67 (2011)

42. Synthesis and Binding Study of Certain 6-Arylalkanamides as Molecular Probes for Cannabinoid Receptor Subtypes Azza T. Taher, Hanan H. Kadry, Marco Allarà, Vincenzo Di Marzo, Ashraf H. Abadi and Khaled A Abouzid Journal of Enzyme Inhibition and Medicinal Chemistry 2013 Jun;28(3):436-9 *Informa*
DOI: 10.3109/14756366.2011.645241
43. Optimization of Benzoisothiazole dioxide inhibitory activity of the NS5B polymerase of HCV genotype 4 using ligand-steered homological modeling, reaction-driven scaffold-hopping and E-novo workflow Amr Hamed Mahmoud, Khaled Abouzid Mohamed, Dalal Abd El Rahman Abou El Ella, Mohamed Abdel Hamid Ismail Bioinformation 7(6): 328-333 (2011)
44. Integrated structure-based activity prediction model of benzothiadiazines against various genotypes of HCV NS5b polymerase (1a,1b and 4) and its application in the discovery of new derivatives, Mohamed A.H. Ismail Dalal A. Abou El Ella, Khaled A.M. Abouzid, Amr H. Mahmoud, Bioorganic & Medicinal Chemistry 20 (2012) 2455–2478
doi:10.1016/j.bmc.2012.01.03
45. A Highly selective structure-based virtual screening model of Palm I allosteric inhibitors of HCV Ns5b polymerase enzyme and its application in the discovery and optimization of new analogues, Amr H. Mahmoud, Dalal A. Abou El Ella, Mohamed A.H. Ismail, Khaled A.M. Abouzid, European Journal of Medicinal Chemistry, 57, 2012, 468-482.
doi:10.1016/j.ejmech.2012.04.016
46. Synthesis and Anti-proliferative Activity of Substituted-Anilinoquinazolines and Its Relation to EGFR Inhibition, D. A. A. El Ella 1 , K. A. Saleh , M. Hassan , N. Hamdy , M. E. El-Araby , K. A. M Abouzid Arzneimittelforschung, ; 62(08): 360-366 (2012)
http://dx.doi.org/ 10.1055/s-0032-1312601
47. Novel 2-thiopyrimidine derivatives as CDK2 inhibitors: molecular modeling, synthesis, and anti-tumor activity evaluation, Omar Abd El-Fattah M. Fathalla, Mohamed A. H. Ismail, Manal M. Anwar, Khaled A. M. Abouzid, Aisha A. K. Ramadan, Medicinal Chemistry Research, 36(1) 41-5 April (2012).
DOI 10.1007/s00044-012-0051-9
48. “Substitutedphthalazines and Phthalazinones: Synthesis, Characterization and β -Adrenergic Blocking Activity. Khaled A. M. Abouzid, Nadia Khalil and Eman M. Ahmed, Medicinal Chemistry Research, 22, Issue 3 (2013), 1057-1064
DOI 10.1007/s00044-012-0099-6
49. Virtual screening and synthesis of new chemical scaffolds as VEGFR-2 kinase inhibitors, Mohamed Saad Abdullah Elsayed, Moustafa El-Sayed El-Araby, Rabah Ahmed Taha Serya and Khaled Abouzid Arzneimittelforschung 2012; 62: 554–560
DOI:10.1055/s-0032-1323759

50. Structure-based design and synthesis of novel pseudosaccharine derivatives as antiproliferative agents and kinase inhibitors Mohamed S.A Elsayed, Moustafa E El-Araby, Rabah A.T. Serya, Ahmed H. El-Khatib, Michael W. Linscheid and Khaled A. M Abouzid *European Journal of Medicinal Chemistry* vol 61, 122-131 March (2013)
[doi:10.1016/j.ejmech.2012.09.039](https://doi.org/10.1016/j.ejmech.2012.09.039).
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Patents

1) Potent antimicrobial compounds with a pyridazine nucleus.
 Moustafa El-Araby, **Khaled Abouzeid**, Abdelsattar Omar, Maiy Jaballah, Khadijah Mohammad
 Publication date: 2023/5/16
 Patent office: US
 Patent number: 11648248
 Application number" 17573777

Submitted Patents

- 1- Novel Curcumin analogs with anticancer activity

PCT/EG2013/000028 appl date 17/11/2013 International Application No.: 14.05.2015 , WO/2015/067282.

- 2- New Targeted Therapy for Cancer Treatment. Samar Mohamed Ahmed Mowafy and Khaled Abouzid Mohamed Abouzid 1371/2012, appl date 29/7/2012 Patent office Scientific Research Academy, Cairo , Egypt
- 3- Novel targeted anticancer therapeutics, Yasmine Mohamed, Khaled Abouzid et al 1468/2014, appl 17/9/2014 Patent office Scientific Research Academy, Cairo , Egypt.
- 4- Small molecules targeting tyrosine kinase and anticancer agents, Khaled Abouzid, Rabah T Serya, Deena Lasheen and Marwa AbdelAziz 1503/2014, appl date: 23-9-2014
- 5- Small molecules targeting VEGFR tyrosine kinase as anticancer agents, Dalal Aboueilella, Khaled Abouzid, Rabah T Serya, and Nivene Mohamed 2107/2014 appl date: 30-12-2014
- 6- Small molecules targeting tyrosine kinase and anticancer agents, Khaled Abouzid, Salwa Elsaid Elmeligy, Deena Lasheen and Asmaa M Aboulmagd 133/2015, appl date: 26-1-2015
- 7- Pyridazine compounds as tyrosine kinase inhibitors and anticancer agents, Khaled Abouzid, Mai Yousef and Rabah T Serya 546/2017, appl date: 28-3-2017
- 8- Thienopyrimidine compounds as tyrosine kinase inhibitors and anticancer agents Khaled Abouzid, Eman Zaglol El-Razaz and Rabah T Serya 545/2017, appl date: 28-3-2017
- 9- Furopyrimidine compounds as EGFR/Her2 as anticancer agents Khaled Abouzid, Monia Hossam and Deena Lasheen 547/2017, appl date: 28-3-2017
- 10- Thieno[2,3-d]pyrimidines as EGFR/Her2 dual inhibitors for cancer therapy Khaled Abouzid, Sandra Milik, Deena Lasheen and Rabah Taha 2181/2017, appl date: 26-12-2017
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List of Conferences ,

1. XX Conference of Pharmaceutical Sciences, Dar El Hekma, Cairo, Feb. (1988).
2. Eighteenth New England Regional Medicinal Chemistry and Pharmacognosy Meeting NERMACAP XVIII, Northeastern University, Boston, Massachusetts, USA May (1993).
3. Nineteenth New England Regional Medicinal Chemistry and Pharmacognosy Meeting NERMACAP XXIX, St. John's University, Jamaica, New York, USA April (1994).
4. XXIV Conference of Pharmaceutical Sciences, Cairo International Conference Center, Dec. (1994).

5. 7th IBN SINA International Conference on pure and Applied Heterocyclic Chemistry. El Montazaa Sheraton, Alexandria, March 25-28 (2000).
6. XXVII Conference of Pharmaceutical Sciences, Cairo Meridian Hotel Cairo, Jan 2-4. (2001).
7. Assiut University Third Pharmaceutical Sciences Conference. Assiut, Egypt, March 5-6, (2002).
8. International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-1, Ankara- Turkey, Sept 25-28 (2002)
9. Azhar 3rd International Conference for Pharmaceutical and Biological Sciences December 16-18, 2003.
10. 9th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry. Sharm El-Sheikh, December 11-14 (2004).
11. Mini Symposium in Medicinal Chemistry at the Faculty of Biology and Pharmacy, Friedrich-Schiller-Universität Jena, Germany. September 2005.
12. 5th Pharmaceutical Sciences Conference, Assiut University. Assiut, Egypt, March 7-8, (2006).
13. Dubai International Pharmaceuticals and Technologies Conferences and Exhibition (DUPHAT) 20-22 March 2007
14. 1st Scientific Conference of Faculty of Pharmacy, Cairo University, March 29th, 2008.
15. 11th Ibn Sina International Conference on Pure & Applied Heterocyclic Chemistry, Triumph Hotel, Cairo 16th December, 2008.
16. 3rd International Conference on Drug Discovery & Therapy Feb 7-10, 2011 Dubai, UAE.
17. 4th EuCheMS Chemistry Congress, prague, Czech Republic 26-30 August 2012. Discovery of new HER2/EGFR dual kinase inhibitors based on the anilinoquinazoline scaffold as potential anti-cancer agents (oral presentation).
18. 13th Tetrahedron Symposium, Challenges in Bioorganic & Organic Medicinal Chemistry, 26-29 June 2012 Amsterdam, The Netherlands.
19. 73th international congress of FIP (World congress of pharmacy and pharmaceutical sciences) held from 31 Aug to 5 Sept 2013 in Dublin, Ireland. Modeling and synthesis of novel curcumin analogs with anticipated anticancer activity.
20. 14th Tetrahedron Symposium, Asia Edition (Challenges in Organic and Bioorganic Chemistry), Seoul Korea, (Structure-based design and synthesis of novel kinase inhibitors based on pseudosaccharine scaffold as potential antiproliferative agents). 21-24 October 2013
21. The first international conference, Faculty of pharmacy, Ain Shams 2014 an invited speaker

22. 16th Tetrahedron Symposium Asia Edition, Shanghai, China
'Discovery of potent anti-proliferative agents targeting EGFR tyrosine kinase based on pyrido[3',2':4,5]thieno[3,2-d]pyrimidin-4-amine scaffold' 10-13 November 2015
23. Ain Shams 'university conference 2016 as a speaker
24. ICPS2017, Future university conference, Cairo Egypt, molecular design and synthesis of sorafenib analogues as VEGFR2 and Angiogenesis inhibitors 2017
25. AIPC conference speaker and vice president of the conference
Discovery of Mutant EGFR/HER-2 Dual Inhibitors as Potent Anticancer Drug Candidates March 2017, Intercontinental Hotel, City Stars Cairo Egypt.
26. ZCEBS Zewail City Conference Biomedical Sciences Toward discovery of novel anti-angiogenic small molecules targeting VEGFR-2 as potential anti-cancer agents speaker 21-22 April 2017
27. Breast-Gynecological and immunooncology international cancer conference BGICCC 18-19 Jan 2018 Hilton towers Hotel, Cairo Egypt as speaker Toward discovery of small organic molecules as potent VEGF-2 inhibitors
28. Second AIPC conference speaker (Shaping Pharma's Future) 17-18 March 2019, Hilton towers Hotel, Cairo Egypt. As conference president
29. Faculty of Pharmacy, Nahda University conference. Invited speaker, lecture titled toward discovery of small organic molecules as potent VEGF-2 inhibitors 6-7 March 2018
30. 9th International Scientific Conference of Faculty of Pharmacy Cairo University Main Library 25-26 April 2018. Invited speaker Towards Discovery of Novel Anticancer Analogues Targeting Vascular Endothelial Growth Factor Receptor (VEGFR): Current status and future directions
31. **2nd International Scientific Conference of the Faculty of Pharmacy, Ain Shams University (CPASU) Novotel hotel airport as invited speaker
Discovery of Potent Small Organic Molecules Targeting VEGFR-2 through Computational Drug Design on 13-15 Nov 2018**
32. **Breast-Gynecological and immunooncology international cancer conference BGICCC 17-18 Jan 2019 Hilton towers Hotel, Cairo Egypt as**

speaker Towards discovery of potential targeted drug candidates for cancer therapy 2019

33.Future conference Toward discovery of potent kinase inhibitors as targeted anti-cancer drug candidates Invited speaker **2019**

34.Breast-Gynecological and immunooncology international cancer conference BGICCC 16-17 Jan 2020 Hilton towers Hotel, Cairo Egypt as speaker Towards discovery of potential targeted drug candidates for cancer therapy 2020

35.Faculty of Pharmacy, Nahda University conference. Invited speaker, 1-2 March 2022, Targeting Cancer with Small-Molecular-Weight Kinase Inhibitors: Discovery of Our Me-Too Drug Candidates as invited speaker

36.13th IPSC INTERNATIONAL PHARMACEUTICAL SCIENCES CONFERENCE, Luxor, Egypt, NOV 18 -19, 2022 as invited speaker Towards Discovery of Potent Anti-Angiogenic Agents with VEGFR-2 Inhibitory Activity from Different Scaffolds, as invited speaker

37.7Th INTERNATIONAL CONFERENCE OF FACULTY OF PHARMACY (BOYS) AL-AZHAR UNIVERSITY, EGYPT MODERN ASPECTS IN PHARMACEUTICAL SCIENCES, 22nd -23rd October 2022 Al-Azhar Conference Center (ACC), Cairo, Egypt International Conference of Faculty of Pharmacy (Boys) Al-Azhar University, Egypt Modern Aspects in Pharmaceutical Sciences, as invited speaker