

Curriculum Vitae



- **Name:** Ahmed Amine Abdel Aziz Ashour, M.Sc., Ph. D
- **Title:** *Associate Professor*
- **Department:** Pharmacology and Toxicology
- **E-mail :** ahmed.ashour@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in: *Faculty of Pharmacy* University: *Al-Azhar University, Cairo* Year: ...2003
- Masters Degree in: *Pharmacology and Toxicology* University: *Al-Azhar University, Cairo* Year: ..2010
- Ph.D in ... *Pharmacology and Toxicology* University: *Al-Azhar University, Cairo* Year:.. 2015
(*Molecular Cancer Biology*)

- **Other Qualifications:** Research Scholar at Department of Experimental Therapeutics, M. D. Anderson Cancer Center, University of Texas, Houston TX, USA, February 2012-September 2014

B) Academic promotions:

- Demonstrator, Date:...**8-2004**.....
- Assistant Lecturer, Date:...**9-2010**.....
- Lecturer, Date:...**5-2015**.....
- Assistant Professor, Date:...**7-2021**.....

C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?user=Hgu1mTsAAAAJ&hl=en>
- Scopes ID: **56556253700**
- Citations:... **461** ... h-index:...**10**... i10-index:... **10**
- Orcid –N: **0000-0003-4422-5802**

D) Academic Administrative Experiences:.....

- **Participation in the college’s workshops for internal/external courses reviews to ensure the quality of education for academic accreditation**, supervised by the college administration and the administration of Al-Azhar University (2017- 2022).

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

- **Participating in reviewing various STDF grant proposals.**
- **Served as a Reviewer for peer-reviewed International Journals, *September 2013-present*;**
 - PLOS ONE
 - Journal of Ethnopharmacology
 - Others..
- **Served as a Co-assessor in Good governance for medicine (GGM) program, World Health Organization, Eastern Mediterranean Regional Office (WHO, EMRO), Cairo, Egypt, January 2011.**
 - Interviewed governmental pharmacists in Ministry of Health, Cairo, Egypt, for WHO National Transparency Assessment questionnaire, phase 1.

2: Training Courses/workshops:

- **ProImmune Mastering Immunity 2023: Infectious Diseases Expert Symposium, The Magdalen Centre, Oxford, United Kingdom, ONLINE, *February 2023.***
 - *The conference's main theme is “latest research insights on molecular and cellular immune responses to infectious diseases”.*
- **7th International Conference of Faculty of Pharmacy (BOYS) 2022, Al-Azhar University, Cairo, Egypt, at Al-Azhar Conference Center (ACC), Cairo, Egypt, *October 2022.***
 - *The conference's main theme is “MODERN ASPECTS IN PHARMACEUTICAL SCIENCES”.*
- **2nd International Conference Pharmaceutical and Medical Sciences (PMS-2) 2021 at Al-Azhar**



University. In Collaboration with Regional Office of Association of African universities, Egyptian Knowledge Bank and Advance Multiple Inc. Canada, November 2021.

- *The main theme of the conference is “Towards achievement of UN Sustainable Development Goal 3 regarding; Good health and well-being”.*
- **The Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) 58th Annual Conference 2019 at the British University in Egypt (BUE), April 2019.**
 - *The conference's main theme is “Novel Trends in pharmacology”.*
- **The 6th International Euro-Mediterranean Conference of Life Sciences, Pharma and BioMedicine (BioNat-6), at the Cairo University, April 2019.**
 - *The conference's main theme is “Novelties and Emerging Targets”.*
 - *The Workshops: - “Art of Scientific Writing”. - “Nanoscience and Nanotechnology”.*
- **The Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) 57th Annual Conference 2018 at the British University in Egypt (BUE), April 2018.**
- **The Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) 56th Annual Conference 2017 at the British University in Egypt (BUE), January 2017.**
 - *Including a work shop on “Behavioral Pharmacology”.*
- **The Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) 55th Annual Conference 2016 at the British University in Egypt (BUE), March 2016.**
 - *The First Egyptian-European Workshop on “Pharmacovigilance” sponsored by the “International Union of Basic and Clinical Pharmacology (IUPHAR)”.*
- **“Symposia on Cancer Research 2013: Genomic Medicine” conference, at MD Anderson Cancer Center, University of Texas, Houston TX, USA, October 2013.**
- **“The 4th Annual Retreat, The Center for RNA and Non-Coding RNAs”, at MD Anderson Cancer Center, University of Texas, Houston TX, USA, July 2013.**
- **“Advanced Models of Imaging-based Drug Screening” conference, at MD Anderson Cancer Center, University of Texas, Houston TX, USA, May 2013.**
 - *The conference was jointly sponsored by Texas Screening Alliance for Cancer Therapeutics and the John S. Dunn Gulf Coast Consortia for Chemical Genomics.*
- **Attended several academic Events, lectures & professional talks at MD Anderson Cancer Center, University of Texas, Houston TX, USA, February 2012- August 2014**
 - *The lectures discussed the following topics: Molecular Cancer; Cancer Therapeutics; MicroRNA and carcinogenesis; RNA-targeted therapies; Molecular & Developmental Biology; Advanced Cancer diagnosis & Management; Biomedical Engineering;; Epigenetic Drug Discovery; The Genomic Architecture of Human Cancers; Pancreatic cancer Biology; and More....*

3: Conferences, Seminars and Workshops;

Presented:

- ***Proceedings: AACR Annual Meeting 2019; March 29-April 3, 2019; Atlanta, GA, Abstract 4262.***
- ***Proceedings: AACR Annual Meeting 2018; April 14-18, 2018; Chicago, IL, Abstract 507.***
- ***Proceedings: AACR 106th Annual Meeting 2015; April 18-22, 2015; Philadelphia, PA, Abstract 2642.***
- ***Proceedings: AACR 105th Annual Meeting 2014; Apr 5-9, 2014; San Diego, CA, Abstract 4054.***
- ***Proceedings: AACR 104th Annual Meeting 2013; Apr 6-10, 2013; Washington, DC, Abstract 848.***



- **Invited as one of the main speakers in the Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) 54th Annual Conference 2014 at the British University in Egypt (BUE), December 2014.** The lecture entitled: *“Novel Gene Therapy in Pancreatic Cancer”*

4: Teaching Scopes:

- **Presenting lectures and Teaching to undergraduates;**
Subjects taught: Physiology, Basic Pharmacology, Clinical Toxicology, Environmental Toxicology, Clinical Pharmacology, Biostatistics and Clinical Pharmacy courses.
-Participating in teaching high level courses for Ph.D and M. Sc. Students.
- **Assistant Professor of Pharmacology and Toxicology, National Cancer Institute - Kasr Al-Ainy Faculty of Medicine - Cairo University, September 2016.**
- Teaching *“The experimental tumors chemotherapy”* course & setting the exam for postgraduate Ph.D. Students.
- **External examiner in the oral exams for undergraduate students of faculties of pharmacy** (Cairo University, Mansoura University, Kafr El-Sheikh University, Al-Azhar University, the British University in Egypt, the Russian Egyptian University, Al-Nahda University - Beni Suef University, 6 October University, Egypt International University, Al-Ahram Canadian University, Future University, Misr University for Science and Technology, Modern University for Technology and Information), and the **Faculty of Medicine - Zagazig University.**

5: Scientific supervision number:

- Is currently a supervisor of post-graduate students (Ph.D. & Master Theses).
- Invited as a reviewer for peer-reviewed International Journals,
- Participating in reviewing various STDF grant proposals.

6: Awards and Certificates of Appreciation:

- **Awarded certificate of credit from St. John's University, College of Pharmacy & Health Science, for successfully completing the Counting Education activities required for the APCE Universal Activity at Faculty of Pharmacy, Misr International University (MIU), March 2017.**
 - **The Educational Lectures were on:** *“New Frontiers in Cancer Care: Evolving Therapies, Optimizing therapies during care and Survivorship Measures”.*
- **Awarded certificate of credit from St. John's University, College of Pharmacy & Health Science, for successfully completing the Counting Education activities required for the APCE Universal Activity at Faculty of Pharmacy, Misr International University (MIU), September 2016.**
 - **The Educational Lectures were on:** *“New Trends in Oncology: A Focus on Nutrition, Anticoagulation Management and Beyond”.*
- **Awarded a Prize lecture & certificate of appreciation for the talk in the Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) 54th Annual Conference 2014 at the British**



University in Egypt (BUE), December 2014.

- **The lecture entitled:** “*Novel Gene Therapy in Pancreatic Cancer*”.

- **Awarded Scholarship from the Ministry of High Education, Egyptian Government for 2-years, August 2011-September 2014.**
- **Awarded certificate of appreciation for participation in the academic accreditation of faculty of Pharmacy, Al-Azhar University, Cairo, Egypt (2020).**

7: Peer reviewing of scientific research/Projects:

- **Participating in reviewing various STDF grant projects.**
- **Served as a Reviewer for peer-reviewed International Journals, September 2013-present;**
 - PLOS ONE
 - Journal of Ethnopharmacology
 - Others..
- **External scientific research evaluator for scientific projects presented by undergraduate students at Ahram Canadian University, 6 October City. September 2018-2020.**

8: Scientific Mission:

- **Research Interests: to figure out novel therapeutic drugs, approaches or trends in the field of:**
 - Cancer Biology (Cancer gene targeting – Novel liposomal nano-carrier therapy).
 - Hepatoprotection & Hepatic fibrosis novel therapy.
 - Nephroprotection & novel therapy for renal health.
 - Antioxidants in treatment of organ toxicity; new managements trends.

9: patency: NA

10: Consultancy Experience:

- **Supervising the practical work of the scientific research of several Ph.D. and M.Sc. students.**
- **External scientific research evaluator for scientific projects presented by undergraduate students at Ahram Canadian University, 6 October City. September 2018-present.**

11: Other Activities:

F) Scientific Publications:

Last 10 year of published Scientific Papers

A- Peer-Reviewed Original Research Articles:

- Mahmoud A. Eisa, Ahmed M. Mansour, Salama A. Salama, Bakheet E.M. Elsadek, **Ahmed A. Ashour**, and Tamer M. Abdelghany (2023): *Estrogen/Estrogen receptor activation protects against DEN-induced liver fibrosis in female rats via modulating TLR-4/NF-k β signaling. **EJP**. October 2023 [Epub ahead of print].*
- Mumin A Erdogan, Erkan Yuca, **Ahmed A. Ashour**, Nilgun Gurbuz, Sevide Sencan, Bulent Ozpolat (2023): *SCN5A promotes the growth and lung metastasis of triple-negative breast cancer through EF2-kinase signaling. **Life Sci**. 2023 Jan, 15;313:121282. doi: 10.1016/j.lfs.2022.121282. [Online ahead of print].*
- Moamen A Mashaly, Ibrahim G Saleh, **Ahmed A. Ashour**, Ahmed M Mansour (2022): *The potential role of febrile condition in reversing the hepatoprotective effects of quercetin in the livers of LPS-presensitized mice. **Life Sci**. 2022 May 16;302:120647. doi: 10.1016/j.lfs.2022.120647. [Online ahead of print].*
- Mustafa A. Abdel-Reheim, **Ahmed A. Ashour**, Mohamed A. Khattab, Ahmed Gaafar A. Gaafar (2022): *Quillaja saponaria bark saponin attenuates methotrexate induced hepatic oxidative stress, inflammation and associated liver injury in rats. **J Appl Pharm Sci**. 2022 Mar, 12(5): Online First.*
- Mumin Alper Erdogan , **Ahmed A. Ashour**, Erkan Yuca, Kivanc Gorgulu, Bulent Ozpolat (2021): *Targeting eukaryotic elongation factor-2 kinase suppresses the growth and peritoneal metastasis of ovarian cancer. **Cell Signal**. 2021 Feb 1;109938. DOI: 10.1016/j.cellsig.2021.109938. PMID: 33539938. https://doi.org/10.1016/j.cellsig.2021.109938. [Online ahead of print].*
- Mostafa M Salah, **Ahmed A. Ashour**, Tamer M Abdelghany, Abdel-Aziz H Abdel-Aziz and Salama A Salama (2019): *Pirfenidone alleviates concanavalin A-induced liver fibrosis in mice. **Life Sci**. 2019 Dec 15;239:116982. doi: 10.1016/j.lfs.2019.116982. [Epub ahead of print].*
- Sahar A. Khaleel, Nahed A. Raslan, Amany A. Alzokaky, Mohamed G. Ewees, **Ahmed A. Ashour**, Hala E. Abd Elhameid and Adel R. Abd-Allah (2019): *Contrast media (meglumine diatrizoate) aggravates renal inflammation, oxidative DNA damage and apoptosis in diabetic rats which is restored by sulforaphane through Nrf2/HO-1 reactivation. **Chemico-Biological Interactions**. Vol 309, 2019 Aug 25;309: 108689. https://doi.org/10.1016/j.cbi.2019.06.002. [Epub 2019 Jun 4].*
- Hamada A Mokhlis, Recep Bayraktar, NN Kabil, A Caner, N Kahraman, C Rodriguez-Aguayo, EP Zambalde, Jianting Sheng, Kübra Karagoz, Pinar Kanlikilicer, Abdel-Aziz H Abdel-Aziz, Tamer M Abdelghany, **Ahmed A Ashour**, Stephen Wong, ML Gatza, GA Calin, G Lopez-Berestein, B Ozpolat (2019): *The modulatory role of microRNA-873 in progression of KRAS-driven cancers. **Mol Ther Nucleic Acids**. 2019 Mar 1;14:301-317. doi: 10.1016/j.omtn.2018.11.019. [Epub 2018 Dec 13].*
- Zuhail Hamurcu, Nermin Kahraman, **Ahmed A. Ashour** and Bulent Ozpolat (2017): *FOXO1 transcriptionally regulates expression of integrin β 1 in triple-negative breast cancer. **Breast Cancer Res Treat, Springer Nature**, DOI 10.1007/s10549-017-4207-7.*
- Nilgun Gurbuz, Mehmet Asoglu, **Ahmed A. Ashour**, Salama Salama, Gokhan S. Kilic and Bulent Ozpolat (2016): *A selective serotonin 5-HT_{1B} receptor inhibition suppresses cells proliferation and clonogenicity, and induces of apoptosis in human uterine leiomyoma. **Eur J of Obstetrics and Gynecology** doi.org/10.1016/j.ejogrb.2016.08.006.*

- Naglaa El-Lakkany, Ahmed Hendawy, Sayed Seif el-Din, **Ahmed A. Ashour**, Raafat Atta, Abdel Aziz Hamed, Ahmed Mansour and Sanaa Botros (2016): *Bioavailability of paracetamol with/without caffeine in Egyptian patients with hepatitis C virus. Eur J of Clinical Pharmacology* 72(5):573-82. doi: 10.1007/s00228-016-2025-1.
- Zuhail Hamurcu, **Ahmed A. Ashour**, Nermin Kahraman and Bulent Ozpolat (2016): *FOXMI regulates expression of eukaryotic elongation factor 2 kinase and promotes proliferation, invasion and tumorigenesis of human triple negative breast cancer cells. Oncotarget* 7(13):16619-35. doi: 10.18632/oncotarget.7672.
- **Ahmed A. Ashour**, Abdel-Aziz AA, Mansour AM, Alpay SN, Huo L and Ozpolat B (2014): *Targeting elongation factor-2 kinase (eEF-2K) induces apoptosis in human pancreatic cancer cells. Apoptosis* 19:241-258.
- **Ahmed A. Ashour**, Gurbuz N, Alpay SN, Abdel-Aziz AA, Mansour AM, Huo L and Ozpolat B (2014): *Elongation factor-2 kinase regulates TG2/beta1 integrin/Src/uPAR pathway and epithelial-mesenchymal transition mediating pancreatic cancer cells invasion. J Cell Mol Med* 18:2235-2251.
- Gurbuz N, **Ahmed A. Ashour**, Alpay SN, Ozpolat B (2014): *Down-Regulation of 5-HT_{1B} and 5-HT_{1D} Receptors Inhibits Proliferation, Clonogenicity and Invasion of Human Pancreatic Cancer Cells. PLoS ONE* 9(8): e105245. doi:10.1371/journal.pone.0105245.
- **Pending**: Mahmoud A. Eisa, Ahmed M. Mansour, Salama A. Salama, Bakheet E.M. Elsadek, **Ahmed A. Ashour**, and Tamer M. Abdelghany: *Estrogen/Estrogen receptor activation protects against DEN-induced liver fibrosis in female rats via modulating TLR-4/NF- κ B signaling.*

B- Proceeding/Conferences' Meeting Abstracts:

- Poster Presentation Abstracts at Annual Meetings

- Moamen Adel Mashaly, Ibrahim Ghalib Saleh, **Ahmed A Ashour** * and Ahmed Mohamed Mansour (2022): *Febrile conditions revealed the virulent effects of quercetin on the mice livers presensitized with lipopolysaccharides (LPS). -Proceedings: Annual Conference of Al-Azhar University; 22nd -23rd October 2022; Cairo, Egypt.*
- Hamada A Mokhlis, Nermin Kahraman, Seyda Baydogan, Abdel-Aziz H Abdel-Aziz, **Ahmed A Ashour**, Cristina Ivan, G Lopez-Berestein and Bulent Ozpolat (2019): *MiR-873 is the master regulator of autophagy genes through a novel negative feedback mechanism mediated by Elongation factor 2 kinase (eEF-2K) and suppresses tumor growth and progression of triple negative breast cancer. Molecular and Cellular Biology / Genetics*, July 2019, (Volume 79, Issue 13 Supplement, pp. 4262). DOI: 10.1158/1538-7445.AM2019-4262. *-Proceedings: AACR Annual Meeting 2019; March 29-April 3, 2019; Atlanta, GA, Abstract 4262.*
- HamadaA. Mokhlis, Recep Bayraktar, NashwaN. Kabil, Nermin Kahraman, Richard Bouchard, Tamer Abdelghany, **Ahmed A Ashour**, Abdel-Aziz H. Abdel-Aziz, George A. Calin, Gabriel Lopez-Berestein and Bulent Ozpolat (2018): *MiR-873 functions as a potential tumor suppressor in pancreatic cancer by targeting KRAS. Molecular and Cellular Biology / Genetics*, July 2018, (Volume 78, Issue 13 Supplement, pp. 507). DOI: 10.1158/1538-7445.AM2018-507 *- Proceedings: AACR Annual Meeting 2018; April 14-18, 2018; Chicago, IL, Abstract 507.*
- **Ahmed A Ashour**, Alper Erdogan, Sultan Neslihan Alpay, Nermin Kahraman, Erkan Yuka, Gabriel Lopez-Berestein, Bulent Ozpolat (2015): *EF2-kinase (EF2K): A novel molecular target in ovarian and pancreatic cancers. Cancer Res*, August 1, 2015, 75(15 Suppl). (doi: 10.1158/1538-7445.AM2015-2642). *- Proceedings: AACR 106th Annual Meeting 2015; April 18-22, 2015; Philadelphia, PA, Abstract 2642.*

- **Ahmed A Ashour**, S. Neslihan Alpay, Nilgun Gurbuz, Abdel-Aziz H. Abdel-Aziz, Ahmed M. Mansour, and Bulent Ozpolat (2014): *Elongation factor-2 kinase (eEF-2K) promotes cell invasion and epithelial mesenchymal transition through regulation of TG2-mediated signaling in human pancreatic cancer cells. Cancer Research*, October 1, 2014, 74;4054. doi: 10.1158/1538-7445.AM2014-4054).
- *Proceedings: AACR 105th Annual Meeting 2014; Apr 5-9, 2014; San Diego, CA, Abstract 4054.*
- **Ahmed A Ashour**, Abdel-Aziz Hamed, Ahmed Mansour, S. Neslihan Alpay, Kevin Dalby and Bulent Ozpolat (2013): *Inhibition of eukaryotic elongation factor-2 kinase mediates Rottlerin induced effects in apoptosis and cell proliferation inhibition in human pancreatic cancer cells. Cancer Research*, April 15, 2013, 73; 848. (doi: 10.1158/1538-7445.AM2013-848).
- *Proceedings: AACR 104th Annual Meeting 2013; Apr 6-10, 2013; Washington, DC, Abstract 848.*

- *Oral presentations at Annual Conferences:*

- **Ahmed A Ashour**, Abdel-Aziz H. Abdel-Aziz, Ahmed M. Mansour, and Bulent Ozpolat (2014): *Novel Gene Therapy in Pancreatic Cancer*. The Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET), 20th December 2014
- *54th Annual Conference 2014 at the British University in Egypt (BUE)*, December 2014, 6th main plenary lecture.

- National journals: NA

G) Quality Assurance in Higher Education:

- **Participation in the college's workshops for internal/external courses reviews to ensure the quality of education for academic accreditation**, supervised by the college administration and the administration of Al-Azhar University (2017- 2022).

H) Skills

- Language Skills:

Language Proficiency: Internet Based TOEFL, score 84, Writing: 22 and Speaking: 20, September 2011.

- Computer Skills:

International Computer Driving license (ICDL), version 4.00. July 2008.

- ICDL courses: Microsoft office, Windows, Information Technology and Internet.

- Presentation skills: ...**Excellent**

- Other skills: ...as described above.....