

## Curriculum Vitae



- Name: Yasser Ibrahim Mohamed Ismail Kandil
- Title: Professor
- Department: Biochemistry
- E-mail: [Yasser.ismail@su.edu.eg](mailto:Yasser.ismail@su.edu.eg)

### A) Academic Qualifications:

- Bachelor's Degree in Pharmaceutical Sciences      University: Al-Azhar Univ.      Year: 2002.
- Master's Degree in Biochemistry      University: Al-Azhar Univ.      Year: 2007.
- Ph.D in Biochemistry      University: Al-Azhar Univ.      Year:2010.

### • Other Qualifications: .....

1. Professor of Biochemistry and Molecular Biology (Faculty of Pharmacy, Sinai University, Kantara, Egypt). February 2023 up to now.
2. Associate professor of Biochemistry and Molecular Biology (Faculty of Pharmacy, Sinai University, Kantara, Egypt). October 2021to February 2023.
3. Associate professor of Biochemistry and Clinical Biochemistry (Faculty of Pharmacy, Al-Ahliyya Amman University, Amman, Jordan). February 2018 to August 2021.
4. Associate professor of Biochemistry and Molecular Biology (Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt). June 2016 to February 2018.
5. Associate professor of Biochemistry “part-time” (Faculty of Pharmacy, Nahda University in Beni Suef, Egypt). September 2016 to February 2018.



6. Associate professor of Biochemistry “part-time” (Faculty of Pharmacy, Fayoum University, Egypt). September 2017 to February 2018.
7. Associate professor of Biochemistry “part-time” (Faculty of Pharmacy, Al-Ahram Canadian University - Cairo, Egypt). September 2017 to February 2018.
8. Assistant professor of Biochemistry (Faculty of Pharmacy, Al-Ahliyya Amman University, Amman, Jordan), September 2014 to June 2016.
9. Assistant professor of Biochemistry (Faculty of Pharmacy, Benghazi University, Libya), September 2012 to September 2014.
10. Lecturer of Biochemistry (Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt), November 2010 to September 2012.
11. Assistant Lecturer of Biochemistry (Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt), September 2007 to November 2010.
12. Demonstrator of Biochemistry (Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt), June 2003 to September 2007.

## **B) Academic promotions :**

- |                        |                 |
|------------------------|-----------------|
| - Demonstrator,        | Date: June 2003 |
| - Assistant Lecturer,  | Date: Sep. 2007 |
| - Lecturer,            | Date: Nov. 2010 |
| - Assistant Professor, | Date: June 2017 |
| -Professor             | Date: Feb. 2023 |

## **C) Scientific Merit:**

- Google Scholar: <https://scholar.google.com/citations?hl=en&user=aspGa2sAAAAJ>
- Scopus ID: 57196150001
- Citations: 244                      h-index:9                      i10-index:9
- ORCID: 0000-0002-7156-9208

## **D) Academic Administrative Experiences:**

1. **Vice Dean for Post Graduate Studies and Research Affairs.** Faculty of Pharmacy, Sinai University Kantra Branch. October 2022 up to now.
2. **Head of Biochemistry Dept.,** Faculty of Pharmacy, Sinai University Kantra Branch. October 2021 to October 2022.
3. Deputy Executive Director of **Quality Assurance Unit,** Faculty of Pharmacy, Sinai University Kantra Branch.
4. **Vice Dean for Academic Affairs,** Faculty of Pharmacy, Al-Ahliyya Amman University. February to August 2021.
5. **Head of Pharmaceutical Sciences department,** Al-Ahliyya Amman University – Faculty of Pharmacy. September 2020 to February 2021.
6. **Head of Biopharmaceutics and Clinical Pharmacy department,** Al-Ahliyya Amman University – Faculty of Pharmacy. September 2019 to February 2021.

## **E) Scientific Activities**

### **1: Membership of Professional Organizations and Scientific Societies**

### **2: Training Courses/workshops:**

1. Cambridge International Diploma for Teaching and Training (CID\_TT), **British Council in Cairo.**
2. An **assessor** for measuring the transparency to improve good governance in the public pharmaceutical sector in Egypt (**WHO project for good governance for medicine**).
3. Training Need Analysis (TNA) programme, the **British Council in Cairo.**
4. **Co-editor** in Arab Journal of Laboratory Medicine.
5. Member of **Al-Azhar Center for Development and Training.**
6. Head of the **Quality Assurance Unit** Faculty of Pharmacy, Al-Azhar University.
7. The **Ideal Pharmacist** in the pharmacist's day. Organized by the Syndicate of the Egyptian Pharmacists (March 8, 2006).

**Honored** in the Graduates' Day. Organized by the Faculty of Pharmacy, Al-Azhar University (April 2004).

### 3: ~~Conferences, Seminars and Workshops:~~

1. Participant in the 5<sup>th</sup> Middle East Molecular Biology Congress and Exhibition (October 3-6, 2018 Dead Sea – Jordan).
2. Poster participant in Al-Azhar 5<sup>th</sup> International Conference for Pharmaceutical Sciences and Drug Industries (September 13 - 15, 2017 Hurghada, Egypt).
3. Honored as **best poster** in the 14<sup>th</sup> National Conference on Biochemistry and Molecular Biology. "Advances in Biomarkers, Genetic Diagnosis and Laboratory Medicine of Diseases" (Cairo, Egypt 29-30 March 2017 MSA university).
4. **Speaker** in the 59<sup>th</sup> Scientific Congress of Egyptian Society of Clinical Chemistry. International Meeting. (Cairo, Egypt 2-3 November 2016).
5. Member of the **Organizing** Committee of 16<sup>th</sup> Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World (Benghazi, Libya 4 -7 November 2013).
6. Good Governance for Medicine Programmes, **Training on WHO assessment methodology**, WHO Regional Office for Eastern Mediterranean (July 25-28, 2011).
7. Member of the **Organizing** Committee of Al-Azhar 6<sup>th</sup> International Conference for Pharmaceutical and Biological Sciences (February 21 - 23, 2011).
8. Member of the **Organizing** Committee of Egyptian Pharmaceutical Students Federation (EPSF) 11<sup>th</sup> Annual Conference (November 25 - 27, 2006).
9. Member of the **Organizing** Committee of Al-Azhar 4<sup>th</sup> International Conference for Pharmaceutical and Biological Sciences (February 13 - 15, 2006).

### 4: Teaching Scopes:

1. **General Biochemistry:** chemistry of carbohydrates, lipids, proteins, and nucleotides, cell structure and functions, and body fluids.
2. **Metabolism of Food Stuff:** metabolism of carbohydrates, lipids, proteins, nucleotides, and porphyrins, Integration of Metabolism.
3. **Clinical Biochemistry:** Introducing clinical biochemistry, Fluid and Electrolytes Balance, Renal Function Tests, acid-base balance, Liver Function Tests, clinical enzymology, Plasma proteins, Free radicals and antioxidants, Tumor markers, Vitamins and minerals, In-born error of metabolism, inflammatory mediators.
4. **Molecular Biology:** Cell cycle, structure of nucleic acids, DNA replication, RNA transcription, protein synthesis, DNA Extraction and Quantification, Gene Cloning, PCR, Restriction mapping, DNA sequencing, Gene therapy.

5. **Analytical Methodology:** for the postgraduate students of biochemistry (ELISA, PCR, Spectrophotometer, Chromatography, Electrophoresis)
6. **Research Methodology and Biostatistics** for the postgraduate students
7. **Biological Fluids Analyses.**
8. **Clinical Nutrition.**

**5: Scientific supervision number: 12**

## **F) Scientific Publications:**

### **-International journals**

- 2021** Mohammed, H.A., Al-Omar, M.S., Mohammed, S.A.A., Alhowail, A.H., Eldeeb, H.M., Sajid, M.S.M., Abd-Elmoniem, E.M., Alghulayqeh, O.A., **Kandil, Y.I.**, Khan, R.A. Phytochemical Analysis, Pharmacological and Safety Evaluations of Halophytic Plant, *Salsola cyclophylla*. ***Molecules* 26(8), 238.** doi.org/10.3390/molecules26082384.
- 2021** Abbas M.A., **Kandil Y.I.** Abbas M.M., Efficacy of extract from *Ononis spinosa* L. on ethanol-induced gastric ulcer in rats. ***Journal of Traditional Chinese Medicine* 41(2) 270-275. PMID: 33825407.**
- 2021** Kanawati, G.M., Al-Khateeb, I.H., **Kandil, Y.I.** Arctigenin attenuates CCl<sub>4</sub>-induced hepatotoxicity through suppressing matrix metalloproteinase-2 and oxidative stress. ***Egyptian Liver Journal*, 11 (1).** doi.org/10.1186/s43066-020-00072-6.
- 2021** Mohammed, H.A., Al-Omar, M.S., Khan, R.A., Mohammed, S.A., Qureshi, K.A., Abbas, M., Al Rugaie, O., Abd-Elmoniem, E., Ahmad, A.M., **Kandil, Y.I.** Chemical Profile, Antioxidant, Antimicrobial, and Anticancer Activities of the Water-Ethanol Extract of *Pulicaria undulata* Growing in the Oasis of Central Saudi Arabian Desert. ***Plants* 2021, 10, 1811.** doi.org/10.3390/plants10091811
- 2020** El-Mahdy, H.A., El-Husseiny, A.A., **Kandil, Y.I.**, Gamal El-Din, A.M. Diltiazem potentiates the cytotoxicity of gemcitabine and 5-fluorouracil in PANC-1 human pancreatic cancer cells through inhibition of P-glycoprotein. ***Life Sciences* 262, 118518.** doi.org/10.1016/j.lfs.2020.118518.
- 2020** Al-Omar, M.S., Mohammed, H.A., Mohammed, S.A.A., Abd-Elmoniem, E., **Kandil, Y.I.**, Eldeeb, H.M., Chigurupati, S., Sulaiman, G.M., Al-Khurayyif, H.K., Almansour, B.S., Suryavamshi, P.M., Khan, R.A. Anti-Microbial, Anti-Oxidant, and  $\alpha$ -Amylase Inhibitory Activity of Traditionally-Used Medicinal Herbs: A Comparative Analyses of Pharmacology, and Phytoconstituents of Regional Halophytic Plants' Diaspora. ***Molecules* 25(22), 5457.** doi.org/10.3390/molecules25225457.
- 2020** Abbas, M.M., **Kandil, Y.I.**, Abbas, M.A., R-(-)-carvone Attenuated Doxorubicin Induced

Cardiotoxicity In Vivo and Potentiated Its Anticancer Toxicity In Vitro. **Balkan Medical Journal** **37(2): 98-103**. doi.org/ 10.4274/balkanmedj.galenos.2019.2019.7.117.

- 2020** Abbas, M.A., Oriquat, G.A., Abbas, M.M., Al-Najjar, B.O., Kandil, Y.I. Hypolipidemic and insulin secretagogue activities of R(-)-carvone. **Malaysian Journal of Medical Sciences** **27(6):39-52**. doi.org/ 10.21315/mjms2020.27.6.5.
- 2019** Abbas M., **Kandil Y.**, Disi A., Jaffal S., Gastroprotective activity of Loranthus acaciae flower extract in a rodent model of ethanol-induced ulcer. **Applied Physiology, Nutrition, and Metabolism**. **44(12): 1283-1288**. doi.org/10.1139/apnm-2019-0166.
- 2019** Abbas M.M., Abbas A.M., **Kandil Y.**, Cytotoxic activity of *Varthemia iphionoides* essential oil against various human cancer cell lines. **Acta Poloniae Pharmaceutica – drug research**. **76(4):701-706**. doi.org/10.32383/appdr/105777
- 2018** **Kandil Y.**, Oriquat G., Adiponectin mediates the hypolipidemic effect of Spirulina against experimentally-induced non-alcoholic fatty liver in rats. **Egyptian Liver Journal** **8(4):126-131**. doi.org/10.1097/01.ELX.0000550751.54117.d6.
- 2017** Eldeib M., **Kandil Y.**, Abdelghany T., Mansour O., El-Zahabi M., Alterations of MicroRNAs Expression in Response to 5-Fluorouracil, Oxaliplatin and Irinotecan Treatment of Colorectal Cancer Cells. **Gene Reports** **9(3): 123-126**. doi.org/10.1016/j.genrep.2017.10.003.
- 2017** **Kandil Y.**, Maraqa A., Oriquat G., and Shraideh Z., Resveratrol Pretreatment Reduces Circulating Inflammatory Interleukins in CCl4-induced Hepatotoxicity Rats. **BFOPCU** **55:319-323**. doi.org/10.1016/j.bfopcu.2017.09.005.
- 2016** Sarhan D. A., Refaat R., **Kandil Y.**, Kotb M. A., and El-Bassiouni E. A. Influence of Whole Body X-irradiation on the Liver and Possible Protective Effect by the Compatible Solute Ectoine in a Mouse Model. **European Journal of Biophysics** **4(3): 16-21**. doi.org/ 10.11648/j.ejb.20160403.11
- 2015** Abolsoud A., **Kandil Y.**, and Amin A., Association of fibroblast growth factor 23 and klotho with metabolic syndrome in Egyptian patients. **Arab. J. Lab. Med. Vol. 41 No. 1: 1035 – 1043**.
- 2015** **Kandil Y.**, Abulsoud A., Salman T., Akl m., and Mohamed R., Relationship between insulin-like growth factor-1 and cystatin-c in patients with chronic kidney disease. **EJBPS** **2(4): 1083-1093**.

#### - National journals

- 2016** **Kandil Y.**, and El-Bassiouni E., Effect of atorvastatin on renal inflammatory cytokines and serum cystatin-c in type-1 diabetic rats. **Al-Azhar Med. J.** **45(2): 319-329**. doi.org/ 10.12816/0029132.
- 2013** Oriquat G, **Kandil Y.**, Mahmoud A., and Nor El-Din A., (2013): Relationship between serum protein carbonyl content, total thiol and glycated hemoglobin in egyptian type-2 diabetic patients. **Az. J. Pharm Sci.** **48: 144-153**. doi.org/10.21608/AJPS.2013.7102
- 2010** **Kandil Y.**, El-Zahabi M., Mansour O., Ali S., Saber M., Shouman S., and El-Behery S., Insulin-Like Growth Factor-1 and Prostate-Specific Antigen for Prostate Cancer Detection. **Egypt. J. Biomed. Sci. (34): 249-259**.



2007, Kandil Y., El-Shafae M., El-Zahabi M., and Mansour O., (2007): Study of Some Biochemical Factors in Body Weight Regulation in Egypt. **Az. J. Pharm. Sci. (36): 1-11.**

### **G) Quality Assurance in Higher Education:**

- **Reviewer/Auditor**
- **QA Trainer**
- **QA Managing Positions**
  - o Deputy Executive Director of Quality Assurance Unit, Faculty of Pharmacy, Sinai University Kantra Branch.
  - o Head of the Quality Assurance Unit Faculty of Pharmacy, Al-Azhar University. May 2011 to September 2012.
- **Training Attended**
- Training Programs of National Authority for Quality Assurance and Accreditation of Education (**NAQAAE**):
  - o Institutional Self-Evaluation for Higher Education.
  - o Learning Outcomes and Curriculum Maps for Higher Education Institutions.
  - o External Review of Higher Education Institutions.
  - o Strategic Planning for Higher Education Institutions.

### **H) Skills**

- **Language Skills: English:** Excellent, talking and writing (**TOFEL Score: 523**)
- **Computer Skills:** Excellent in driving the Microsoft Office (Word, Excel, Teams, and PowerPoint)
  - Advanced Excel using.
  - ChemOffice for chemical structure.
  - GraphPad Prism for statistical analyses.
  - SPSS for statistical analyses.