

# **CURRICULUM VITAE**

<i>Name</i>	<i>Hadir Mohamed Maher Ibrahim Hafez Shalaby</i>
<i>Date and Place of Birth</i>	07.01.1977, Alexandria, Egypt.
<i>Nationality</i>	Egyptian
<i>Marital Status</i>	Married – Two daughters
<i>Current Position</i>	Professor, Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
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## **Scientific Qualifications**

- \* Bachelor of Pharmaceutical Sciences, June 1999, with general grade "Excellent, High Honor" Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.
- \* Master of Pharmaceutical Sciences (Pharmaceutical Analytical Chemistry), April 2003, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.  
Thesis entitled: "Analysis of certain anticancer drugs in their pharmaceutical preparations and biological fluids".
- \* Ph.D. of Pharmaceutical Sciences (Pharmaceutical Analytical Chemistry), November 2005, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.  
Thesis entitled: "Analysis of some cough-cold preparations using modern spectroscopic and chromatographic techniques".
- \* Post-doctoral scholarship in the department of Pharmacal Sciences, Harrison School of Pharmacy, Auburn University, Auburn, Alabama, USA (August 2008 - August 2009).

## **Employment and Scientific Positions**

- 1) Demonstrator at the Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt (March 2000 – April 2003).
- 2) Assistant Lecturer at the Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt (May 2003 – December 2005).

- 3) Lecturer (Assistant Professor) at the Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt (December 2005 – January 2011).
- 4) Assistant Professor at the Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt (January 2011-October 2016).
- 5) Post-doctoral exchange visitor in the department of Pharmacal Sciences, Auburn University, Auburn, Alabama, USA (August 2008 - August 2009).
- 6) Visiting Professor in the department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (February 2011 till June 2019)
- 7) Professor at the Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt (October 2016 till now).
- 8) Head of the Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt (2019 till now).

### **Academic Achievement**

- Alexandria University's honor list: September 1999.
- Alexandria University award for scientific encouragement: 2010.
- Acdima Research Award (Amman, Jordan) for the best published manuscripts for the year 2010.
- Marquis Who's Who in the world 2005 till now.

### **Professional and Scientific Activities**

#### **1. Professional Activity**

**A** - Member in the Egyptian Syndicate of Pharmacists since 1999.

**B**- Regular reviewer in the following international highly cited journals in the field of Analytical Chemistry:

*Talanta - Journal of Fluorescence – Drug testing and analysis - Analytical Letters – Journal of liquid chromatography & related technologies - International journal of Environmental Analytical Chemistry - African Journal of Environmental Science and Technology - African Journal of pharmacy and pharmacology -Saudi Pharmaceutical Journal - Journal of Saudi Chemical Society - Scientia Pharmaceutica - Journal of the Association of the Arab Universities of Basic and Applied Science - Arabian journal of chemistry-Analytical Methods-Chemistry Central Journal*

**C- Editor in “Journal of Chromatography & Separation Techniques”**

**D- Funded Research Projects:**

Research group no. RGP-VPP-065 (2011-2012, 2012-2013), RGP-VPP-331 (2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019), Deanship of Scientific Research, King Saud University.

**2. Academic Teaching Experience**

**A) Undergraduate Level**

-Teaching theoretical and practical courses in Pharmaceutical Analytical Chemistry for first- and second-year Pharmacy students, Faculty of Pharmacy, Alexandria University, Egypt (2000 to 2011, 2019 till now) including:

- Qualitative Inorganic Analysis for first year students.
- Different aspects in Quantitative Analytical Chemistry for first- and second-year Pharmacy students.
- Instrumental Analysis.
- Teaching undergraduate courses in the department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (February 2011 till 2019).
  - PHC 213: Pharmaceutical Analytical Chemistry (2+1).
  - PHC 427: Pharmaceutical Instrumental Analysis (3+1).
  - PHC 435: Clinical Chemistry (1+1)
  - PHCL 495: Graduation project (3+0), supervising the students in doing their graduation projects.

**B) Postgraduate Level**

-Teaching postgraduate course in the department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Alexandria University, Egypt (2006 to 2011, 2019 till now) including

- “Computer Science and Information Technology”, that deals with the use of mathematical techniques and computer sciences and their application in drug analysis, for master students.
  - “Chemometrics and intelligent laboratory systems”
  - “Physical Chemistry”
  - “Specialized Analytical Techniques”
- Teaching many postgraduate courses in the department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (February 2011-2019)
- PHC 523: Analytical separation methods (2+1)
  - PHC 524: Spectroscopic methods in drug analysis (2+1)
  - PHC 525: Electrochemical methods in drug analysis (2+1)

- PHC 527: Chemical kinetics in drug analysis (2+1)
- PHC 661: Recent advances in electrochemical analysis (1+1)
- PHC 593: Computer programs in pharmaceutical quality control (2+1)
- PHC 591: Pharmaceutical literature (1+0)
- PHC 592: Seminar (1+0)
- PHC 516: Pharmacopeial Methods of Analysis of Drugs and Dosage Forms (2+2)

### 3. Training courses

a) Attending and passing the English course required for sabbatical leave for the USA from 4/3/2008 to 19/3/2008

b) Attending educational courses in the Faculty and Leadership Development Program (FLDP)

\* Curriculum Design (T4), April 28-30, 2007

\* Managerial skills (P2), May 15-17, 2007

\* Writing scientific paper and international publications (R2), May 19-21, 2007

\* Teaching with technology (T3), May 22-24, 2007

\* Preparing research project (R3), May 29-31, 2007

\* Credit hours (D1), June 19-21, 2007

\*Crisis & Disaster management, July 6-7, 2015

\* Research Ethics, August 4-5, 2015

c) Attending the workshop entitled "The role of evaluation in University teaching\ learning, Student Assessment (presentation & Workshop)", December 30-31, 2009, under the supervision of "Development of Students' Assessment and Exams in Alexandria University" Project.

d) Attending the workshop entitled "Means of evaluation in different areas of learning, How to write questions for written exams", March 9-10, 2010, under the supervision of "Development of Students' Assessment and Exams in Alexandria University" Project.

e) Attending the workshop entitled "Means of practical and clinical exams", April 11-12, 2010, under the supervision of "Development of Students' Assessment and Exams in Alexandria University" Project.

f) Attending the workshop entitled "Assignments and Projects, Oral exams", August 8-9, 2010, under the supervision of "Development of Students' Assessment and Exams in Alexandria University" Project.

g) Attending *The First International Conference of the Quality Assurance and Accreditation Center*, April 15, 2008, Cairo University, entitled " Quality and Accreditation, The Present and Prospective"

## -----Workshops attended in King Saud University-----

### *Deanship of Skills Development*

- “Multiple intelligence for developing creative thinking”, King Saud University, April 30-May 1, 2011 (26-27/5/1432 H) for a total of ten training hours.
- “Learning outcomes assessment”, King Saud University, April 23-24, 2011 (19-20/5/1432 H) for a total of nine training hours.
- “Effective classroom management and dealing with disruptive students”, King Saud University, May 18, 2011 (15/6/1432 H) for a total of five training hours.
- “The 1<sup>st</sup> annual forum for university teaching”, September 11-12, 2011 (13-14/10/1432 H).
- “Teaching based on specialization and educational research”, “Discipline based teaching & pedagogic research”, March 5, 2012 (12/4/1433 H) for a total of five training hours.
- “Rubric system for students assessment”, April 8, 2012 (16/5/1433 H) for a total of three training hours.
- “E-Technologies for learning”, April 9-11, 2012 (17-19/5/1433 H) for a total of fifteen training hours.
- “Effective teaching”, December 1-2, 2012 (17-18/1/1434 H) for a total of ten training hours.
- “Second Annual meeting for university teaching, evaluation of learning outcomes”, February 9-10, 2013 (28-29/3/1434 H) for a total of ten training hours.
- “Publication in international periodicals”, April 6-7, 2013 (25-26/5/1434 H) for a total of eight training hours.
- “Scientific supervision of postgraduate students”, April 20-21, 2013 (10-11/6/1434 H) for a total of ten training hours.
- “Designing capstone programs”, May 11, 2014 (12/7/1435 H) for a total of eight training hours.
- “Service learning”, May 7, 2014 (8/7/1435 H) for a total of eight training hours.
- “Design of electronic courses using CourseLab”, September 8, 2014 (13/11/1435 H) for a total of five learning hours.
- “Developing the teaching portfolio”, March 12, 2015 (21/5/1436 H) for a total of four learning hours.
- “Developing of electronic tests”, March, 19, 2015 (28/5/1436 H) for a total of six hours.
- “Performance quantitative assessment according to KSU-QMS”, April 12-13, 2015 (23-24/6/1436 H) for a total of ten training hours.
- “Digital games in college learning”, May 4, 2015 (15/7/1436 H) for a total of six training hours.

- “Smartphone applications in teaching”, May 7, 2015 (18/7/1436 H) for a total of six training hours.
- "Cambridge electronic database", November 4, 2015 (22/1/1437 H) for a total of two training hours.
- “Learning management system”, January 17-19, 2016 (7-9/4/1437 H) for a total of twelve training hours.
- “Flipped classrooms”, February 3, 2016 (24/4/1437 H) for a total of four training hours.
- “Poll Everywhere for assessment”, February 7, 2016 (28/4/1437 H) for a total of six training hours.
- The third conference on university teaching, "Active learning for improving learning outcomes", April 4-5, 2016 (26, 27/6/1437 H).
- “Books: writing & publishing”, December 4-5, 2016 (5-6/3/1438 H) for a total of twelve training hours.
- “Academic Misconduct, Plagiarism”, February 15, 2017 (18/5/1438 H) for a total of four training hours.
- “Lessons from Cognitive Science”, September 3, 2018 (23/12/1439 H) for a total of three training hours.
- “Course Design, Assessment and Delivery”, September 4, 2018 (24/12/1439 H) for a total of three training hours.
- “Active Learning and Interactivity”, September 5, 2018 (25/12/1439 H) for a total of three training hours.
- “Improving Student Motivation”, September 6, 2018 (26/12/1439 H) for a total of three training hours.
- “Global Trends in Continuing Education and Training”, October 9, 2018 (29/01/1440 H) for a total of two training hours.
- “Coaching for optimal performance”, February 24, 2019 (19/06/1440 H) for a total of six training hours.
- “Leading changes in organization”, February 25, 2019 (20/06/1440 H) for a total of six training hours.

#### ***Deanship of E-transactions & Communications***

- “Statistical Analysis software, SAS”, March 16, 2011 (11/4/1432 H)

#### ***Deanship of E-learning & distance learning***

- “Smart classrooms”, (29/5/1432 H)

### ***Deanship of Scientific Research***

- “New trends in scientific research industry”, October 9, 2011 (11/11/1432 H).
- “EndNote”, November 22, 2011 (26/12/1432 H).
- “The second Saudi international conference on scientific publishing 2015”, October 11-13, 2015 (28-29/12/1436 H).
- “The week of Scientific Research, Good Scientific Research in Accordance with the Vision of the Kingdom 2030”, Scientific Research Centre, Feb. 19-22, 2018 (3-6/6/1439 H).

### **4. Scientific Workshops**

- a) Attending “High performance liquid chromatography”, Seminar and Workshop Series, May 18-21, 2003, Department of Pharmaceutical Analytical chemistry, Faculty of Pharmacy, University of Alexandria.
- b) Attending “The Scientific Uses of Informatics”, Seminar and Workshop Series, February 21-24, 2005, offered by the (DAQC) Project, Faculty of Pharmacy, University of Alexandria.
- c) Attending “Bioanalytical Lab Workers Training”, Seminar & Workshop Series, July 24-27, 2005, offered by the (DAQC) Project, Faculty of Pharmacy, University of Alexandria) Attending “Workshop for Analytical Chemists in Pharmaceutical Industry, HPLC and CE” Seminar & Workshop Series, Aug. 13-16, 2005, offered by the (DAQC) Project, Faculty of Pharmacy, University of Alexandria.
- e) Attending "Workshop in Instrumental Analysis for recently graduated pharmacists and those working in industrial companies", 2006 & 2008, offered by (HEEPF) Project, Faculty of Pharmacy, University of Alexandria.
- f) Attending lectures and workshops during the period 2006-2007, organized by the Science Park,
  - \* HPLC methods of Analysis
  - \* Ethics of research on human subjects and preparation of documents for submission to the Research Ethics Committee of the Faculty of Pharmacy, University of Alexandria.
  - \* Prequalification of Bioequivalence centers and ISO requirements.
- g) ***Participating*** in the practical part of the workshops entitled "Workshop in Instrumental Analysis for recently graduated pharmacists and those working in industrial companies", 2005 & 2008, offered by (HEEPF) Project, Faculty of Pharmacy, University of Alexandria.
- h) ***Participating*** in the workshop entitled "Instrumental Analysis and Quality Control" November 14-16, 2009, under the supervision of Science Park, Faculty of Pharmacy, University of Alexandria.

## 5. Scientific Conferences and Exhibitions

- 1) Participating in the “65<sup>th</sup> International Congress of FIP”, September 3-8, 2005, Cairo, Egypt.
- 2) Participating in the “Scientific Conference of Faculty of Pharmacy”, Cairo University, 29 March, 2008, poster Code AQC-11.
- 3) Participating in the “Biovision, Bibliotheca Alexandrina”, April 2008/2010, Alexandria, Egypt.
- 4) Participating in the “Pittcon Conference”, March 8-13, 2009, Chicago, Illinois, USA.
- 5) Participating in the “237<sup>th</sup> American Chemical Society National Meeting & Exposition”, March 22-26, 2009 Salt Lake City, UT, USA
- 6) Participating in the “16<sup>th</sup> International Scientific Conference”, November 13-15, 2009, Beirut Arab University, Beirut, Lebanon, through oral presentation.
- 7) Participating in “Pittcon Conference”, February 27- March 4, 2010, Orlando, Florida, USA.
- 8) Participating in the first international conference held in Beirut, entitled “Recent Advances In Pharmaceutical Research and Technology”, May 6-7, 2010 at BAU, Beirut Campus.
- 9) Participating in the “4<sup>th</sup> International Chemistry Conference”, November 19-21, 2011 (23-25/12/1432 H), Riyadh, Saudi Arabia.
- 10) Participating in "4<sup>th</sup> International Conference on Drug Discovery and Therapy" (4<sup>th</sup> ICDDT 2012), February 12-15, 2012, Dubai, UAE.
- 11) Participating in “Pittcon Conference”, March 11-15, 2012, Orlando, Florida, USA.
- 12) Participating in “Separation Science Asia 2012, New Horizons in Separation and Detection Techniques”, June 27-28, 2012, Kuala Lumpur, Malaysia.
- 13) Participating in 6<sup>th</sup> International symposium on the separation and characterization of natural and synthetic macromolecules, February 6-8, 2013, Dresden, Germany.
- 14) Participating in “Pittcon Conference”, March 8-12 March, 2015, New Orleans, LA, USA.
- 15) Participating in" *XII international conference on pharmacy and pharmaceutical sciences*", January 30-31, 2015, Dubai, UAE.
- 16) Participating in “Third Annual Conference on Chemistry & Physics”, July 20-23, 2015, Athens, Greece.
- 17) Participating in “The Phytochemical Society of North America”, August 8-12, 2015, University of Illinois at Urbana-Champaign, Illinois, USA.
- 18) Participating in “The week of Scientific Research, Good Scientific Research in Accordance with the Vision of the Kingdom 2030”, Scientific Research Centre, Feb. 19-22, 2018 (3-6/6/1439 H).
- 19) Participating in “8<sup>th</sup> College of Pharmacy Research Day”, April 25-26, 2018, oral presentation “Quantitative screening of parabens in *Ready-to-eat* foodstuffs available in the Saudi market using



HPLC-DAD”, with the students: Njoud AlOtaibi, Monira AlMeshal. Hawazin AlOtaibi, taking the fifth best oral presentation.

20) Participating in “9<sup>th</sup> College of Pharmacy Research Day”, April 11, 2019, oral presentation “Determination of estrogen residues in chicken and meat products collected from the Saudi market using HPLC with diode array detection”, with the students: Sadeem Alqahtani, Deema Bin Humaid. Sabreen Alshail, Dalal Alshammari, taking the second-best oral presentation and the best presenter award.

21) Participating in “International Conference on Pharmaceutical & Healthcare Science PHS 2019”, November 6-7, 2019, Alexandria, Egypt, oral presentation “Development and validation of UPLC-MS/MS method for the simultaneous quantification of dasabuvir, tamoxifen and its active metabolite 4-hydroxytamoxifen in Wistar rat plasma: Application to pharmacokinetic interaction study” **Hadir M. Maher**, Nourah Z. Alzoman, Aliyah Almomen, Shereen M. Shehata, Shorog Al-taweel, Ashwaq A. Alanazi, taking the best oral presenter award.

22) Attending the 2<sup>nd</sup> PUA International Conference 2020 “Multidisciplinary Approaches in Pharmaceutical Sciences”, 11-12 March, 2020.

23) Participating in the 3<sup>rd</sup> PUA International Conference 2022 “Innovation in Pharmaceutical Sciences”, 11-14 May 2022, chairperson of the session “New Horizons in Pharmaceutical Sciences”

24) Participating in the Scientific Conference of Africa Health ExCon , under the auspices of Abdel Fattah El-Sisi, President of the Arab Republic of Egypt, 5-7 June, 2022.

## 6. Research Interests

Analysis of drugs in their pharmaceutical products and biological fluids using different instrumental techniques including spectrophotometry, spectrofluorimetry, electrochemical methods of analysis and chromatography. Among the chromatographic methods are: HPLC, HPTLC, CE, GC-MS and GC-IRD techniques.

## 7. Theses Supervision

### a) Co-supervisor for the following Master Degree thesis:

- "*Biophysical Analysis of emanated pheromonal odor changes in cows using electronic nose technology*" (Medical Research Institute, Alexandria University)

Asmaa Mohamed Shaaban, 2006-2009.

### b) Co-supervisor for the following Ph.D. Degree thesis:

- "*Analysis of some pharmaceutical matrices using emerging techniques*"

Marwa Adel ((Faculty of Pharmacy, Alexandria University), 2005-2010.

- *"Contribution to the analysis of some drugs used in the treatment of cardiovascular disorders"*.

Eman Ebrahim Saleh El-Kimary, (Faculty of Pharmacy, Alexandria University), 2007-2011.

**c) Main supervisor for the master degree thesis in Pharmaceutical Chemistry, Faculty of Pharmacy, King Saud University:**

*"Analysis of some guaifenesin containing cough-cold preparations using advanced spectroscopic and chromatographic techniques"* Shorog Al-taweel, 2012-2014.

**d) Main supervisor for the Ph.D. degree thesis in Pharmaceutical Chemistry, Faculty of Pharmacy, King Saud University:**

*"Analysis of selected novel tyrosine kinase inhibitors using modern spectroscopic and chromatographic techniques"* Shereen Shehata, 2015-2016.

**e) Co-supervisor for the master degree thesis in Pharmaceutical Chemistry, Faculty of Pharmacy, King Saud University:**

*"Analysis of selected HCV direct acting antiviral agents using chromatographic techniques"* Amal Mohammed AL-Subaie, 2016-2017.

**f) Main supervisor for the master degree thesis in Pharmaceutical Chemistry, Faculty of Pharmacy, King Saud University:**

*"Analysis of metformin/dapagliflozin/ saxagliptin in their anti-diabetic combinations using selected chromatographic and spectroscopic techniques"* Afnan Selim Abdelrahman, 2018-2019.

**g) Co-supervisor for the master degree thesis in Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Alexandria University:**

*"Analysis of some drugs used for the treatment of gastrointestinal tract disorders"* Salma Tarek Abdelaty Abdelaty Youssef, 2020 till now.

**h) Co-supervisor for the master degree thesis in Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Alexandria University:**

*"Analysis of some nutritional supplements and hepato-protective agents using spectroscopic and chromatographic techniques"* Shaza Mohamed Ahmed Kamel, 2021-2022.

**i) Co-supervisor for the master degree thesis in Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Alexandria University:**

*"Analysis of some drugs used in the management of Corona viruses diseases 2019 (COVID-19) using spectroscopic and chromatographic techniques"* Ahmed Abdel Hamied Hassan Megahed, 2021 till now.

### **Examiner of dissertations:**

1. "*Novel enzyme immunoassay for lenalidomide: the new drug for treatment of multiple myeloma*" Reem Mohamed Abuhejail, **Master degree of Chemistry**. (2013), Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University.
2. "*Preparation of ion selective electrodes for determination of the antidepressant drug escitalopram in its pharmaceutical formulations*" Fatimah Mushabbab Al-Amri, **Master degree of Chemistry**. (2013), Department of Chemistry, College of Science, King Saud University.
3. "Colorimetric determination of glucosamine sulphate in its pharmaceutical preparations" Ahlam Mobty Al-Moteiry, **Master degree of Chemistry**. (2015), Department of Chemistry, College of Science, King Saud University.
4. "Spectrophotometric methods for the determination of the antibiotic cefditoren pivoxil in its pharmaceutical preparations" Norah Sultan Abdulaziz Al-Motlaq, **Master degree of Chemistry**. (2015), Department of Chemistry, College of Science, King Saud University.
5. "Determination of berberine hydrochloride in pharmaceutical preparations using potentiometric measurement" Fatimah Mohamed Al-Suqayhi, **Master degree of Chemistry**. (2017), Department of Chemistry, College of Science, King Saud University.
6. "The use of silver and/or gold nanoparticles for the quantitative luminescence determination of some antihypertensive drugs" Albandary Mohamed Almahri, **Ph.D. degree of Chemistry**. (2018), Department of Chemistry, College of Science, King Saud University.
7. "Analysis of some penicillins in their changeable pharmaceutical matrices" Mohamed Gaber Basuny, **Master degree of Pharmaceutical Sciences**. (2020), Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Alexandria University.
8. "Analysis of certain pharmaceutical compounds containing carboxylic group and its derivatives" Faten Mohamed Hamed Aboukhalil, **Master degree of Pharmaceutical Sciences**. (2021), Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Alexandria University.
- 9- "....." Sara Abdel Aziz Aboras, **Ph.D. degree of Pharmaceutical Sciences**. (2020), Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Alexandria University.
- 10- "Analytical studies of some pharmaceutical compounds containing acidic function(s)" Hadeel Adel Khalil, **Ph.D. degree of Pharmaceutical Sciences**. (2022), Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Alexandria University.
- 11- "Analysis of selected drugs used for treatment of reproductive system diseases" Aya Hafez, **Master degree of Pharmaceutical Sciences**. (2022), Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Alexandria University.

## **8. Activities related to Quality Assurance and Accreditation**

### **(Faculty of Pharmacy, Alexandria University, 2006-2010)**

\* Sharing in stating the "mission and vision of the Faculty of Pharmacy" as an activity of the CIQAP project.

\* A member in the implementation team in "Development of Students' Assessment and Exams in Alexandria University" Project.

\* Sharing in writing the course specification of some courses related to the master degree of pharmaceutical sciences offered by the department of Pharmaceutical Analytical Chemistry.

\* Sharing in the data analysis concerned with different activities offered by " Development and Application of Advanced Instrumental Analysis and Drug Quality Control Curriculum (DAQC)" project.

\* A member in the committee responsible of checking the chemicals in the department of Pharmaceutical Analytical Chemistry.

## **9. Activities related to Community Service and Development Environment**

### **(Faculty of Pharmacy, Alexandria University, 2006-2010)**

\* Participating in the research, educational and training activities of the Science Park at the Faculty of Pharmacy, University of Alexandria, Egypt, during the period 2006-2010. These activities included:

1- Participation in the bioequivalence team. The job was to develop and conduct as well as train staff on bioanalytical methods concerning the analysis of drugs in their pharmaceutical preparations and biological media.

2- Attending lectures and workshops on:

a) HPLC methods of analysis

b) Ethics of research on human subjects and preparation of documents for submission to the Research Ethics Committee of the Faculty of Pharmacy, University of Alexandria

c) Prequalification of Bioequivalence Centers and ISO requirements (WHO, FDA and ICH Guidelines, definitions of terms, Basic concepts: accreditation and certification, quality control, quality assurance and total quality management, preparations and considerations when seeking laboratory accreditation, requirements for quality and competence,...)

3- Training laboratory staff on different aspects of Bioanalysis and HPLC methodology.

## 10. Activities related to Student Affairs

### (Faculty of Pharmacy, Alexandria University, 2006-2010)

- \* Participating in the academic supervision of undergraduate students.
- \* Pilot of the "Art Committee" of the Faculty of Pharmacy, Damnhour Branch, Alexandria University.
- \* A member of the Audit Committee for the evaluation of the paper exam of the undergraduate and post-graduate students.
- \* A member in the data analysis team responsible for assessing "the evaluation of courses in the credit hour system"

## 11. Other Achievements

- \* Attending and passing courses in general and physical chemistry, mathematics, instrumental analysis and computer sciences with the highest score (Excellent), Faculty of Pharmacy, University of Alexandria, 2001-2003
- \* Attending and passing advanced courses in "Pharmaceutical Analysis" with (Excellent) grade as a partial fulfillment for the M. Pharm. Sci. degree, Faculty of Pharmacy, University of Alexandria.
- \* **Computer skills:** good user of windows, office, chemistry drawing software and the internet.
  - (Advanced MS-Excel 2000), the ITI centre, May 3-12, 2004.
  - (Matlab 6.5), the ITI centre, July 12 – August 4, 2004.
- \* **English Language:** Excellent reading, writing and speaking.
  - Advanced courses for post graduate students – Alexandria University.

### ---Activities in King Saud University---

- A member in the committee of quality assurance in the department of Pharmaceutical Chemistry from 9/3/1432 to 23/10/1433 H.
- A member in the committee responsible of the instruments, chemicals, and hardware in the department of Pharmaceutical Chemistry from 9/2/1433 to 20/11/1435 H.
- A member of the committee responsible of the academic advising in the department of Pharmaceutical Chemistry from 9/2/1433 H until now.
- A coordinator of the committee responsible of the academic advising in the department of Pharmaceutical Chemistry from 10/11/1434 – 20/11/1435 H.
- A member of the committee named "Qualification of Saudi Universities in the Marketplace" in the College of Pharmacy, KSU, from 20/7/1435 H until now.
- A member of the committee "Academic Affairs and Educational Programs", Department of Pharmaceutical Chemistry, College of Pharmacy, KSU, from 9/2018 till now.

- A member of the committee “Processing and reviewing the courses’ specifications”, College of Pharmacy, KSU, from 9/2018 till now.
- A member of the research project no. RGP-VPP-065, 1432/1433, 1433-1434 and the research project no. RGP-VPP-331, 1434/1435, 1435/1436, 1436/1437, 1437/1438, 1438/1439, 1439/1440 H.
- Participating in the "Students' Research Week" by giving a lecture "How to write a research proposal", January 21-February 4, 2016 and December 11-13, 2016.

**\*\* Giving lectures in the Faculty of Pharmacy, Alexandria University, Egypt;**

- 1- (Modern advances in the use of polysaccharide-based chiral selectors in HPLC analysis), *June 23, 2014.*
- 2- (Stacking as a versatile online pre-concentration technique in microemulsion micellar electrokinetic chromatography (MEEKC)), *June 14, 2015*
- 3- (Capstone programs in college learning), *June 25, 2014.*

## LIST OF PUBLICATIONS

### **A. Conference Abstracts**

- 1) “Chemometric and chromatographic determination of isopropamide iodide, diphenylpyraline hydrochloride and phenylpropanolamine hydrochloride in their pharmaceutical mixtures”. Hoda Mahgoub , M. A. Korany, Ossama T. Fahmy, **Hadir M. Maher**. *65<sup>th</sup> International Congress of FIP, September 3-8, 2005, Cairo, Egypt.*
- 2) “Development of validated chromatographic methods for the simultaneous determination of metronidazole and spiramycin in tablets”. **Hadir M. Maher**, Rasha M. Youssef. *Scientific Conference of Faculty of Pharmacy, Cairo University, March 29, 2008, Cairo, Egypt, Poster Code AQC-11.*
- 3) “GC-MS studies on side chain regioisomers related to substituted methylenedioxy-phenethylamines; MDEA, MDMMA and MBDB”. Tamer Awad, **Hadir M. Maher**, Tarek Belal, Jack DeRuiter, C. Randall Clark. *Pittcon Conference, March 8-13, 2009, Chicago, Illinois, USA*
- 4) “GC-MS and GC-IRD studies on the ring isomers of N-Methyl-2-Methoxyphenyl-3-Butanamines (MPBA) related to 3,4-MDMA”. Tamer Awad, **Hadir M. Maher**, Jack DeRuiter, C. Randall Clark. *237<sup>th</sup> American Chemical Society National Meeting & Exposition, March 22-26, 2009 Salt Lake City, UT, USA*

- 5) "Development and validation of HPTLC and spectrophotometric methods for simultaneous determination of candesartan cilexetil and hydrochlorothiazide in pharmaceutical preparation" Rasha M. Youssef, **Hadir M. Maher**, Ekram M. Hassan, Eman I. El-Kimary, Magda A. Barary. *The 16<sup>th</sup> International Scientific Conference, November 13-15, 2009, Beirut Arab University, Beirut, Lebanon, through oral presentation MNP 1.3*
- 6) "GC-MS and GC-IRD studies on dimethoxyphenethylamines (DMPEA): regioisomers related to 2,5-DMPEA". **Hadir M. Maher**, Tamer Awad, Jack DeRuiter, C. Randall Clark. *Pittcon Conference, February 28- March 5, 2010, Orlando, Florida, USA.*
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