Dr. Haitham K. AlRabiah

Associate Professor

INFO

Date of Birth: 16/07/1981

Place of Birth: Los Angeles, USA.

Nationality: Saudi

Marital Status: Married

CONTACT

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Department of Pharmaceutical Chemistry, College of Pharmacy,
King Saud University,
P.O. Box 2457, Riyadh11451-
Kingdom of Saudi Arabia.

https://www.linkedin.com/in/haitham-alrabiah961-b4b68/

http://fac.ksu.edu.sa/halrabiah

WORK EXPERIENCE

2019-Present
Consultant, Research Products Development Innovations Company, Riyadh, Saudi Arabia.

2019
Adjunct Professor, AlMaarefa University, Riyadh, Saudi Arabia

2018-Present
Associate Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2017
Consultant, National Center for Technology Forecasting (NCTF), King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia.

2017
Consultant, Riyadh Valley Company (RVC), King Saud University, Riyadh, Saudi Arabia.

Oct. 2016-Mar. 2017
Interim Dean, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2015-2019
Vice Dean of Graduate studies and Research, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2015-2018
Secretary, Pharmacy College Council, King Saud University, Riyadh, Saudi Arabia.

2015-Present
Consultant, Life Science & Environment Research Institute, King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia.

2014-2015
Adjunct Researcher, King Abdullah Institute for Nanotechnology (KAIN), King Saud University, Riyadh, Saudi Arabia.

2014-2018
Assistant Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2008-2014
Lecturer, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2006-2008
Teaching Assistant, Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2005-2006
Patent researcher and examiner at the Patent Office of the Cooperation Council for the Arab States of the Gulf (GCC).

EDUCATION

2010-2014 Doctor of Philosophy
Ph.D. in pharmaceutical chemistry at Manchester Institute of Biotechnology (MIB), University of Manchester, United Kingdom.

Thesis Title: "Advanced metabolomics for the discrimination of uropathogenic *Escherichia coli* and their response to antibiotics''.

2007-2008 Master of Science

M.Sc. (with distinction) of pharmaceutical analysis at University of Strathclyde, United Kingdom.

Thesis Title: "Metabolomics of Leishmania using LTQ Orbitrap".

1999-2005 Bachelor of Science

Bachelor of Pharmaceutical Sciences (B.Pharm.) at College of Pharmacy, King Saud University, Saudi Arabia.

COUNCILS

2019- present

Member, Deanship of Graduate studies council, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

2016-2017

Member, King Saud University Council, Riyadh, Saudi Arabia

2015-2019

Member, College of Pharmacy Council, King Saud University, Riyadh, Saudi Arabia

2014-2015

Member, Research Centre council, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

2014-Present

Member, Department of Pharmaceutical Chemistry Council, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

COMMITTEES

2018-Present

Member, The supervising committee of prohibited substance inspection at camel races, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia

2018-Present

Member, KACST mobile lab committee, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia

2017

Chairmen, MERC-CoV research grant program monitoring committee, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia

2017

Member, The Supervising committee for small research proposal funding initiative, Prince Naif Bin Abdul-Aziz Health Research Center, King Saud university, Riyadh, Saudi Arabia

2017

Member, Standing supervision committee of Riyadh Techno Valley (RTV), King Saud University, Riyadh, Saudi Arabia

2015-2016

Chairmen, Scientific communications committee in the Department of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

2015

Member, Standing Committee for studying the eligibility of paying uniqueness, training and supervisory allowances for health practitioners, King Saud University, Riyadh, Saudi Arabia

2014-Present

Member, Committee of Graduate studies, Department of Pharmaceutical Chemistry at College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

2014-Present

Member, Committee of Interviewing for the candidates and scholarships, Department of Pharmaceutical Chemistry, at College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.

SOCIETIES

2011

Member of the Royal Society of chemistry, London, United Kingdom

2010-2015

Member of the Metabolomics Society

2002-Present

Member of the Saudi Pharmaceutical Society, Riyadh, Saudi Arabia.

PROFESSIONAL TRAINING

2020 - Present
Change Management, Cornell certificates program, ecornell
(https://www.ecornell.com/certificates/leadership-and-strategic-management/change-management/)

2018
Multiple Biofluid and Tissue Types, From Sample Preparation to Analysis Strategies for Metabolomics, Birmingham Metabolomics Training Center, University of Birmingham, Birmingham, United Kingdom.

2018
Project Maagment Professional (PMP) training course, Project Champion Accademy (21500 Certified Project Champion, Project Management), AlMaarefaa Colleges, Riyadh, Saudi Arabia.

2017
International Summer Sessions in Metabolomics 2017, NIH: West Coast Metabolomics Center, University of California, Davi United States of America

2017
workshop (The Essential Academic Leader- Health Sector), College of Medicine, Riyadh, King Saud University, Saudi Arabia.

2016
workshop (The Essential Academic Leader), Academic Leadership Center, Ministry of Education, Riyadh, Saudi Arabia.

2016
workshop (Microteaching), Deanship of Skills and Development, King Saud University, Riyadh, Saudi Arabia.

2016
workshop (Course assessment), Deanship of Skills and Development, King Saud University, Riyadh, Saudi Arabia.

2015
workshop (Effective teaching), Deanship of Skills and Development, King Saud University, Riyadh, Saudi Arabia.

2015
workshop (Course design), Deanship of Skills and Development, King Saud University, Riyadh, Saudi Arabia.

2014
workshop (Viva Survivor), University of Manchester, United Kingdom.

2013
workshop (Leadership & Team Development), University of Manchester, United Kingdom.

2013
workshop (Designing research and getting it funded), University of Manchester, United Kingdom.

2013
workshop (How to Secure a Fellowship), University of Manchester, United Kingdom.

2012
workshop (Effective Communication Skills), University of Manchester, United Kingdom.

2012
workshop (Importance of Networking and Collaboration), University of Manchester, United Kingdom.

2012
workshop (Getting the most out of research conferences: poster preparation, chairing, judging, and networking), University of Manchester, United Kingdom.

2011
workshop (In the Home Stretch: Preparation of a High Quality PhD Thesis), University of Manchester, United Kingdom.

2011
workshop (Approaches to Teaching 2 : Handling small groups), University of Manchester, United Kingdom.

2010
workshop (Mass Spectrometry: identification and quantification strategies), Metabolomics 2010, the Netherlands.

2010
workshop (Biostatistics, chemometrics and bioinformatics), Metabolomics 2010, the Netherlands.

2010
workshop (Databases & Standards Discussion session), Metabolomics 2010, the Netherlands.

2010
workshop (Metabolomics & Future of Health System), Metabolomics 2010, the Netherlands.

2010
workshop (Academic writing), University of Manchester, United Kingdom.

2010
workshop (Speed PhD), University of Manchester, United Kingdom.

2005
pharmacist Trainee, Dallah Hospital, Riyadh, Saudi Arabia

PUBLICATIONS

(SELECTIVE REFEREED PEER REVIEWED JOURNAL PUBLICATIONS - TOTAL NO. > 60 PUBS)

- Al-Shakliah, NS, Attwa, M. W., Kadi, A. A., AlRabiah, H. (2020).Identification and characterization of in silico, in vivo, in vitro, and reactive metabolites of infigratinib using LC-ITMS: bioactivation pathway elucidation and in silico toxicity studies of its metabolites
- AlRabiah, H., Kadi, A. A., Aljohar, H. I., Attwa, M. W., Al-Shakliah, N. S., Attia, S. M., & Mostafa, G. A. (2020). A New Validated HPLC-MS/MS Method for Quantification and Pharmacokinetic Evaluation of Dovitinib, a Multi-Kinase Inhibitor, in Mouse Plasma. Drug Design, Development and Therapy, 407 ,14.
- AlRabiah, H., Abounassif, M., Aljohar, H. I., & Mostafa, G. A. H. (2019). New potentiometric sensors for methylphenidate detection based on host–guest interaction. BMC chemistry, 121 ,(1)13.
- Darwish, I. A., AlRabiah, H., & Hamidaddin, M. A. (2019). Development of two different formats of heterogeneous fluorescence immunoassay for bioanalysis of afatinib by employing fluorescence plate reader and KinExA 3200 immunosensor. Scientific reports, 12-1 ,(1)9.
- Hamidaddin, M. A., AlRabiah, H., & Darwish, I. A. (2019). Development and comparative evaluation of two immunoassay platforms for bioanalysis of crizotinib: A potent drug used for the treatment of non-small cell lung cancer. Talanta, ,201 225-217.
- AlRabiah, H., Kadi, A. A., Attwa, M. W., Abdelhameed, A. S., & Mostafa, G. A. (2019). Reactive intermediates in copanlisib metabolism identified by LC-MS/MS: phase I metabolic profiling. RSC advances , 6418-6409 ,(11)9.
- AlRabiah, H., Hamidaddin, M. A., & Darwish, I. A. (2019). Automated flow fluorescent noncompetitive immunoassay for measurement of human plasma levels of monoclonal antibodies used for immunotherapy of cancers with KinExA™ 3200 biosensor. Talanta,192,331-338
- Abdelhameed, A. S., Bakheit, A. H., AlRabiah, H , Hassan, ESG, Almutairi, F. M.(2019). Molecular interactions of AL3818 (anlotinib) to human serum albumin as revealed by spectroscopic and molecular docking studies. Journal of Molecular Liquids,273,259-265
- Alrabiah, H., Kadi, A. A., Attwa, M. W., & Mostafa, G. A. (2018). Development and validation of an HPLC–MS/MS method for the determination of arginine-vasopressin receptor blocker conivaptan in human plasma and rat liver microsomes: application to a metabolic stability study. Chemistry Central Journal,12 (1),47.
- Attwa, M. W., Kadi, A. A., Alrabiah, H., Darwish, H. W. (2018). LC–MS/MS reveals the formation of iminium and quinone methide reactive intermediates in entrectinib metabolism: In vivo and in vitro metabolic investigation. Journal of pharmaceutical and biomedical analysis,160,19-30
- Attwa, M. W., Kadi, A. A., Darwish, H. W., Amer, S. M., AlRabiah, H. (2018). LC-ESI-MS/MS identification and characterization of ponatinib in vivo phase I and phase II metabolites. Clinica Chimica Acta, 485(1) ,144-151
- AlRabiah, H., Allwood, J. W., Correa, E., Xu, Y., & Goodacre, R. (2018). pH plays a role in the mode of action of trimethoprim on Escherichia coli. PloS one, 7) 13), e0200272
- AlRuthia, Y., Alsenaidy, M. A., Alrabiah, H. K., AlMuhaisen, A., & Alshehri, M.(2018). The status of licensed pharmacy workforce in Saudi Arabia: a 2030 economic vision perspective. Human resources for health, 28 ,(1)16.
- Attwa, M.W., Kadi, A.A., AlRabiah, H., Darwish, H.W. (2018). LC-MS/MS reveals the Formation of Iminium and Quinone Methide Reactive Intermediates in Entrectinib Metabolism: In vivo and In vitro Metabolic Investigation. Journal of Pharmaceutical and Biomedical Analysis, 30-19 ,(25) 160
- Alrabiah, H., Kadi, A. A., Attwa, M. W., & Mostafa, G. A. (2018). Development and validation of an HPLC–MS/MS method for the determination of arginine-vasopressin receptor blocker conivaptan in human plasma and rat liver microsomes: application to a metabolic stability study. Chemistry Central Journal, 47 ,(1)12.
- Attwa, M. W., Kadi, A. A., Darwish, H. W., Amer, S. M., AlRabiah, H. (2018). LC-ESI-MS/MS identification and characterization of ponatinib in vivo phase I and phase II metabolites. Clinica Chimica Acta, 151-144 (1) 485.
- AlRabiah, H., Ezzeldin, E., Abounassif,M., Mostafa, GAH. (2018). PVC Sensors for Ciprofloxacin Based on Inclusion Complex with β-and γ-Cyclodextrin. Current Pharmaceutical Analysis, 388-382 ,(4) 14
- AlRabiah, H., Kadi, A. A., Attwa, M. W., Mostafa, GAH. (2018). Development and validation of an HPLC-MS/MS method for the determination of arginine-vasopressin receptor blocker conivaptan in human plasma and rat liver microsomes: Application to a metabolic stability study. Chemistry Central Journal, 47 ,(1) 12.
- Attwa, M. W., Kadi, A.A., Darwish, H.W., AlRabiah, H. (2018). LC-MS/MS reveals the formation of reactive ortho-quinone and iminium intermediates in saracatinib metabolism: Phase I metabolic profiling. Clinica Chemica Acta, 89-84 ,(1) 482.

- Hamidaddin, MA., AlRabiah, H., Darwish, IA. (2018). Development and validation of generic heterogeneous fluoroimmunoassay for bioanalysis of bevacizumab and cetuximab monoclonal antibodies used for cancer immunotherapy. Talanta, 569-562 ,(1) 188.

- AlRabiah, H., Abounassif, M., Attia, S., Mostafa, GAH. (2018). A new selective, and sensitive method for the determination of lixivaptan, a vasopressin 2 (V2)-receptor antagonist, in mouse plasma and its application in a pharmacokinetic study. Open Chemistry, 620-614 ,(1) 16.

- AlRabiah, H., Ahad, A., Mostafa, G.A., Al-Jenoobi, F. I. (2018). Effect of Naltrexone Hydrochloride on Cytochrome P450 1A2 ,2C2 ,9D6, and 3A4 Activity in Human Liver Microsomes. European journal of drug metabolism and pharmacokinetics, 7-1.

- Shehab, OR., AlRabiah, H., Abdel-Aziz, HA., Mostafa, GAH. (2018). Charge-transfer complexes of cefpodoxime proxetil with chloranilic acid and -3 ,2dichloro-6 ,5-dicyano-4 ,1-benzoquinone: Experimental and theoretical studies. Journal of Molecular Liquids, 51-42 ,(1)257.

- Almalik, A., AlRabiah, H., Ghabbour, H. A., Abounassif, M. (2018). Beta- and gamma-cyclodextrin ionophores as electroactive materials for construction of new polyvinyl chloride sensors for eletriptan based on host-guest recognition. Materials Express, 188-182 ,(2) 8.

- Almalik, A., Alradwan, I., Majrashi, M. A., Alsaffar, BA., Algarni, AT., Alsubaye, M., Alrabiah, H., Tirelli, N., Alhasan, A.H. (2018) Cellular Responses of Hyaluronic Acid Coated-Chitosan Nanoparticle. Toxicology Research, forthcoming.

- AlRabiah, H., Bakheit, A. H., Attia, S., Mostafa, GAH. (2018). Bioanalytical Method Development and Validation for the Determination of Vasopressin Receptor Antagonist Conivaptan in Mice Plasma at Nano-level and its Pharmacokinetic Application. Current Analytical Chemistry, forthcoming.

- Attwa, M. W., Kadi, A. A., Darwish, H. W., Amer, S.M., AlRabiah, H. (2018). A reliable and stable method for determination of foretinib in human plasma by LC-MS/MS: Application to metabolic stability investigation and excretion rate. European Journal of Mass Spectrometry, 1469066718768327.

- AlRabiah, H., Bakheit, A. H., Abounassif, M., Mostafa, GAH. (2018). Spectrofluorimetric methods for the determination of lixivaptan and its hydrolysis product in human plasma and urine, with factors optimization study. Journal of Molecular Liquids, 771-746 ,(1)249.

- Wani, T. A., AlRabiah, H., Bakheit, A. H., Kalam, M. A., Zargar, S. (2017). Study of binding interaction of rivaroxaban with bovine serum albumin using multi-spectroscopic and molecular docking approach. Chemistry Central Journal, 134 ,(1)11.

- Abdelhameed, A. S., Bakheit, A. H., Almutairi, F. M., AlRabiah, H., Kadi, A. A. (2017). Biophysical and In Silico Studies of the Interaction between the Anti-Viral Agents Acyclovir and Penciclovir, and Human Serum Albumin. Molecules, ,(11)22 1906.

- Kadi, A. A., Alrabiah, H., Attwa, M. W., Attia, S., & Mostafa, G. A. (2017). Development and validation of HPLC-MS/MS method for the determination of lixivaptan in mouse plasma and its application in a pharmacokinetic study. Biomedical Chromatography, 11)31), e4007.

- Almalik, A., Benabdelkamel, H., Masood, A., Alanazi, I. O., Alradwan, I., Majrashi, M. A., Alfadda A.A., Alghamdi, W.A., Alrabiah, H., Tirelli, N., Alhasan, A.H. (2017). Hyaluronic Acid Coated Chitosan Nanoparticles Reduced the Immunogenicity of the Formed Protein Corona. Scientific Reports, .10542 ,(1) 7

- AlRabiah, H, AL-Majed, A., Abounassif, M., & Mostafa, G. A. (2016). Ionophore-based potentiometric PVC membrane sensors for determination of phenobarbitone in its pharmaceutical formulations. Acta pharmaceutica, 514-503 ,(4)66.

- AlMasoud N, Xu Y, Trivedi DK, Salivo S, Abban T, Rattray NJ, Szula E, AlRabiah H, Sayqal A, Goodacre R (2016). Classification of Bacillus and Brevibacillus species using rapid analysis of lipids by mass spectrometry. Analytical and Bioanalytical Chemistry (4-1(7.

- AlRabiah, H, AL-Majed, A., Abounassif, M., & Mostafa, G. A.. (2016). Two Novel Potentiometric Sensors for Determination of Clonidine in Some Pharmaceutical Formulation. International Journal of Electrochemical Science, 6774-6761 ,(8)11.

- AlRabiah, H, AL-Majed, A., Abounassif, M., & Mostafa, G. A.. (2016). Comparative investigation of β-and γ-cyclodextrin as ionophores in potentiometric based sensors for naltrexone. International Journal of Electrochemical Science, ,(8)11 4942-4930.

- Muhamadali H, Xu Y, Ellis DI, Allwood JW, Rattray NJW, Correa E, AlRabiah H, Lloyd JR, Goodacre R. (2015). Metabolic profiling of Geobacter sulfurreducens during industrial bioprocess scale-Up. Applied Environmental Microbiology, 3298-3288 ,(10) 81.

- Al-Omary, F. A., AlRabiah, H., Ghabbour, H. A., Quah, C. K., Fun, H. K., & El-Emam, A. A. (2015). Crystal structure of -4)-4]}-3fluorophenyl) piperazin-1-yl] methyl}-5-(thiophen-2-yl)-3 ,2-dihydro-4 ,3 ,1-oxadiazole-2-thione, C17H17FN4OS2. Zeitschrift für Kristallographie-New Crystal Structures, 268-267 ,(3)230.

- Allwood, J. W.*, AlRabiah, H.*, Correa, E., Vaughan, A., Xu, Y., Upton, M., & Goodacre, R. (2015). A workflow for bacterial metabolic fingerprinting and lipid profiling: application to Ciprofloxacin challenged Escherichia coli. Metabolomics, 453-438 ,(2) 11 11.

  **J. William Allwood and Haitham AlRabiah have contributed equally to this publication.*

- AlRabiah, H., Xu, Y., Rattray, N. J., Vaughan, A. A., Gibreel, T., Sayqal, A., & Goodacre, R. (2014). Multiple metabolomics of uropathogenic E. coli reveal different information content in terms of metabolic potential compared to virulence factors. Analyst, 4199-4193 ,(17) 139.

  Graphical abstract of this publication has been chosen as on the inside front cover of Analyst journal issue 17.

- Dawson, S.E., Gibreel, T., Nicolaou, N., AlRabiah, H., Xu, Y., Goodacre, R. and Upton, M. (2014) Implementation of Fourier transform infrared spectroscopy for the rapid typing of uropathogenic Escherichia coli. European Journal of Clinical Microbiology & Infectious Diseases 988-983 ,(6)33.

- AlRabiah, H., Correa, E., Upton, M., & Goodacre, R. (2013). High-throughput phenotyping of uropathogenic E. coli isolates with Fourier transform infrared spectroscopy. Analyst, 1369-1363 ,(5)138.

(Book Chapters and Reviews)

- AlRabiah, H. (2018). Levetiracetam. Profiles of Drug Substances, Excipients and Related Methodology. 44, forthcoming

- Khalil, NY., AlRabiah,H.K., AL Rashoud, S., Bari, A, Wani, T.A. (2018). Topiramte. Profiles of Drug Substances, Excipients and Related Methodology. 44, forthcoming

- Al-Majed, A. A., Bakheit, A. H. H., Abdel, A. H., Alajmi, F. M., & AlRabiah, H. (2017). Propranolol. Profiles of drug substances, excipients, and related methodology, 287 ,42

PODIUM TALKS

2015

Metabolomics based approach to discriminate between uropathogenic E. coli isolates, Biotech Japan 14 ,2015th International Bio Technology Exhibition and conference, Tokyo, Japan.
https://may2015.tems-system.com/exhiSearch/BIO/eng/DetailsForAD?id=FBL2%0Bnf1fh3%4D&type=3

2013

Does Antibiotic Ionisation Status Affect the Microbial Metabolome: An Investigation into Escherichia Coli K12 challenged with Trimethoprim at Varying pH, Metabolomics 2013, Glasgow, United Kingdom.

2012

Predicting the Mode-of-action of Antibiotics Using Metabolomics and Machine Learning, University of Manchester, United Kingdom.

2007

Metabolomics of Leishmania using LTQ Orbitrap, University of Strathclyde, United Kingdom.

2005

Peptic Ulcer disease, Dallah Hospital, Riyadh, Saudi Arabia.

2004

Diabetes Mellitus (case discussion), King Saud University, Riyadh, Saudi Arabia.

2004

Penicillinase-resistant penicillins, King Saud University, Riyadh, Saudi Arabia.

2003

Griseofulvin (drug profile), King Saud University, Riyadh, Saudi Arabia.

2002

Apomorphine (drug profile), King Saud University, Riyadh, Saudi Arabia.

ABSTRACTS AND POSTERS

2015
Metabolomics based approach to discriminate between uropathogenic ***E. coli*** isolates, Biotech Japan 14 ,2015th International Bio Technology Exhibition and conference, Tokyo, Japan. https://may2015.tems-system.com/exhiSearch/BIO/eng/DetailsForAD?id=FBL2%0Bnf1fh3%4D&type=3

2012
Does Antibiotic Ionisation Status Affect the Microbial Metabolome: An Investigation into Escherichia Coli K12 challenged with Trimethoprim at Varying pH, Metabomeeting 2012, Manchester, United Kingdom.

SCHOLARSHIPS AND AWARDS

2014
Honor board of the Saudi Cultural Bureau in United Kingdom and Ireland, London, United Kingdom.
(http://www.uksacb.org/awards/%D%87%9D8%9A%D%8AB%D%-85%9D%8A%8D86%9 %D%8AE%D%8A%7D%84%9D%8AF-%D%85%9D%8AD%D%85%9D%8AF-%D%8A%7D%84%9D%8B%1D%8A%8D8%9A%D%8B%9D%8A9)

2013
Scientific Distinction Award, Saudi Cultural Bureau in United Kingdom and Ireland, London, United Kingdom

2012
Scientific Distinction Award, Saudi Cultural Bureau in United Kingdom and Ireland, London, United Kingdom

2011
Scientific Distinction Award, Saudi Cultural Bureau in United Kingdom and Ireland, London, United Kingdom

2010
Scientific Distinction Award, Saudi Cultural Bureau in United Kingdom and Ireland, London, United Kingdom

2010
PhD Scholarship from King Saud University, Riyadh, Saudi Arabia.

2008
Scientific Distinction Award, Saudi Cultural Bureau in United Kingdom and Ireland, London, United Kingdom

2007
MSc. Scholarship from King Saud University, Riyadh, Saudi Arabia.

TEACHING ACTIVITIES

Teaching B.Sc. and MSc Degrees Courses at King Saud University

Code	Course	Credit Hours	Teaching Stages
PHC 213	Pharmaceutical Analytical Chemistry	3	B.Sc.
PHC 427	Pharmaceutical Instrumental Analysis	4	B.Sc.
PHC 592	Seminar (Analytical profiling)	1	M.Sc.
QCP 511	Qulity Control by Advanced Analytical Methods	4	M.Sc.

Teaching Pharm. D Degree Courses at AlMaarefa University

PHCH 212	Pharmaceutical Analytical Chemistry	3	Pharm. D

UNDERWAY RESEARCH PROJECTS

2015-2018
"***Excellence in Pharmaceutical Researches and their Applications***", King Saud University, Riyadh, Saudi Arabia.

2015-2018
"***Development of Novel Nano-Formulations to Combat MRSA infection***", King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia.

2015-Present
"***Early Cancer Detection with Laser (ECDL)***", research cooperation between King Saud University at Riyadh , Saudi Arabia, and Max Planck Institute of Quantum Optics, Garching, Germany

STUDENT SUPERVISION

PhD Supervision:

2019-Present

Nasser AlShakliah , (co-supervision with Prof. Adnan Kadi), project entitled *"Mass Spectrometry-based Drug Metabolism Investigation of , Newly Developed Tyrosine Kinase Inhibitors Tandutinib, Infigratinib and AZD3759".*

2016-2018

Mohammed Hamidaddin, (co-supervision with Prof. Ibrahim Darwish), project entitled *"Development of immunosensors for therapeutic monitoring of new drugs used for treatment of lung cancer".*

2016-Present

Nasser Algrain, (co-supervision with Prof. Mohamed M. Hefnawy and Prof. Abdulrahman Almajed), project entitled *"Stereoselective separation and quantification of some racemic cardiovascular drugs using HPLC and newly developed derivatized cyclofructan chiral stationary phases".*

2015-2019

Raniah Alshalabi, (co-supervision with Prof. Mohamed M. Hefnawy and Dr. Haya Aljohar), project entitled *"Development of greening liquid chromatography assays for the quantification of some antidepressant drugs in biological fluids".*