

**SALEH I. ALQASOUMI; M.S., Ph.D.**

**Professor of Pharmacognosy**

**DEPARTMENT OF PHARMACOGNOSY**

**COLLEGE OF PHARMACY**

**KING SAUD UNIVERSITY**

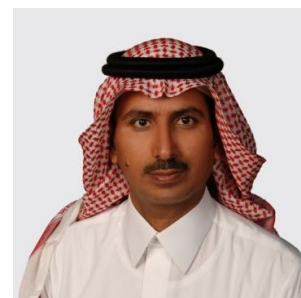
**CURRICULUM VITAE**

June, 2016

## **SALEH I. ALQASOUMI; M.S., Ph.D.**

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### **Education**

- **Ph.D.** (Pharmacognosy): Title [**Isolation and Chemical Structure Elucidation of Hepatoprotective Constituents from Plants Used in Traditional Medicine in Saudi Arabia**] Department of Pharmacognosy, College of Pharmacy, King Saud University, Saudi Arabia; May 2007.
- **M. Sc.** (Pharmacognosy): Title [**Isolation and Characterization of Antimicrobial Principles from Local *Maytenus* species**] Department of Pharmacognosy, College of Pharmacy, King Saud University, Saudi Arabia; November 1999.
- **B. Sc (Pharmaceutical Sciences):** College of Pharmacy, King Saud University, Saudi Arabia; May 1996.

### **Experience**

- **Dean of Development and Quality**, King Saud University, Saudi Arabia (August 2016 to Present).
- **Editor-in-Chief** of the Saudi Pharmaceutical Journal, Saudi Pharmaceutical Society - King Saud University, Saudi Arabia (February 2016 to Present).
- **Professor (Pharmacognosy)** Department of Pharmacognosy, College of Pharmacy, King Saud University, Saudi Arabia (January 2016 to Present).
- **Assistant Vice-Rector for Planning and Development**, King Saud University, Saudi Arabia (June 2015 to May 2016).
- **Saudi Cultural Attaché** to the People's Republic of China (June 2012 to May 2015).
- **Associate Professor (Pharmacognosy)** Department of Pharmacognosy, College of Pharmacy, King Saud University, Saudi Arabia (May 2011 to January 2016).
- **General Supervisor** of *Research Chair in Prophetic Medicine, Developing and Manufacturing Natural Products*, Al-Kharj; Salman bin Abdulaziz University, Saudi Arabia (June 2011 to March 2012).

- **Dean of College of Pharmacy**, Al-Kharj; King Saud University, Saudi Arabia (March 2008 to March 2012).
- **Assistant Professor (Pharmacognosy)** Department of Pharmacognosy, College of Pharmacy, King Saud University, Saudi Arabia (June 2007 to May 2011).
- **Director of Medicinal, Aromatic and Poisonous Plants Research Center**, College of Pharmacy, King Saud University, Saudi Arabia (2007- 2009).
- **Supervisor of Herbal and Alternative Medicine Unit**, College of Pharmacy, King Saud University, Saudi Arabia (2004 - 2007).
- **Part-time Consultant at Riyadh College of Dentistry and Pharmacy**, Saudi Arabia (2007- to date).
- **Teaching Assistant (Pharmacognosy)** Department of Pharmacognosy, College of Pharmacy, King Saud University, Saudi Arabia (1997- 2007).
- **Secretary of Pharmacognosy Council**, College of Pharmacy, King Saud University, Saudi Arabia (2007- 2008).
- **Stores Manger and Medicinal herbs consultant** at General Nutrition Centers (GNC), Saudi Arabia (1997-1999).
- **Member** of the organizing committee of the Second Exhibition of Drug Education, College of Pharmacy, King Saud University (2003).
- **Member**, Internet committee, The Ninth International Pharmaceutical Conference and Exposition, Riyadh, Saudi Arabia (2005-2006).
- **Member**, Organization committee, The Ninth International Pharmaceutical Conference and Exposition Riyadh, Saudi Arabia (2005-2006).
- **Member**, Media committee, The Ninth International Pharmaceutical Conference and Exposition, Riyadh, Saudi Arabia (2005-2006).
- **Member**, Pharmacy Student Training Committee, College of Pharmacy, King Saud University (2007- 2008).
- **Coordinator**, Design and construct Department of Pharmacognosy website, College of Pharmacy, King Saud University (2007- 2009).
- **Coordinator**, Laboratory Supplies Committee, Department of Pharmacognosy, College of Pharmacy, King Saud University (2007- 2009).
- **Member**, Media committee, Strategic Planning Project, King Saud University (2007- 2009).
- **Examiner**, National Center for Assessment in Higher Education, Kingdom of Saudi Arabia (2004- to 2012).

- **Member**, The Janadriya National Heritage and Culture Festival; Riyadh, Kingdom of Saudi Arabia (2008 & 2009).
- *Many trips for collecting the medicinal plants from different regions across the Kingdom of Saudi Arabia.*
- **Member** of the Unified Admission Committee for Health Colleges, King Saud University (2004- 2012).
- **Chairman** of the Board of College of Pharmacy in Al-Kharj, King Saud University and Al-Kharj University (2008- 2012).
- **Member** of the Board of King Saud University, (2008- 2010).
- **Member** of the Board of Al-Kharj University, (2010- 2012).
- **Chairman** of the contracts for College of Pharmacy in Al-Kharj, King Saud University and Al-Kharj University (2008- 2012).
- **Chairman** of the care teaching assistants and scholarships of College of Pharmacy in Al-Kharj, King Saud University and Al-Kharj University (2008- 2012).
- **Chairman** of the curriculum designing for College of Pharmacy in Al-Kharj, King Saud University (2008).
- **Supervisor** on the website of College of Pharmacy in Al-Kharj, King Saud University and Al-Kharj University (2008- 2012).
- **Chairman** of the Special Committee for teaching English as a second language in the first year "Preparatory Year", Al-Kharj University (2010).
- **Representative** of Al-Kharj University in the team work for preparing the operational plan for the new universities, Ministry of Higher Education (2010- 2012)
- **Member** of the Standing Committee of the upgrades the staff at Al-Kharj University (2010- 2011).
- **Member** of the sorting committee and selection of Al-Kharj University logo, Al-Kharj University (2010).
- **Member** of the Standing Committee of the appointments and promotions in the Scientific Council of Al-Kharj University (2010- 2012).
- **Member** of the Standing Committee to assess the need of colleges from faculty members at Al-Kharj University (2010- 2012).
- **Member** of the Standing Committee for "Preparatory Year", Al-Kharj University (2010- 2012).
- **Member** of the Standing Committee for International Cooperation, Al-Kharj University (2010- 2012).

- **Member** of the Standing Committee for teaching assistants and lecturers affairs at Al-Kharj University (2010- 2012).
- **Member** of the Standing Committee to review and audit the university publications, Al-Kharj University (2010- 2012).
- **Member** of awareness and education team for Strategic Plan of Al-Kharj University (2010- 2012).
- **Deputy Chairman** of the Organizing Committee of Al-Kharj University wing in the Second International Exhibition & Conference on Higher Education, Riyadh (2011).
- **Coordinator** of Al-Kharj University in the 2nd Scientific Conference for Higher Education Students, Jeddah (2011).
- **Member** of the Standing Committee for the development of health colleges at Al-Kharj University (2010- 2012).
- **Member** of the Standing Committee to employ distinguished students from King Abdullah Foreign Scholarship Program, Al-Kharj University (2011- 2012).
- **Member** of the jury in the 2nd Scientific Conference for Higher Education Students, Jeddah (2011).
- **Member** of the Committee for preparation and coordination of events and festivals at Al-Kharj University (2010- 2012).
- **Member** of the Standing Committee for consideration in student issues at Al-Kharj University (2010- 2012).
- **Chairman** of the team for the final drafting of the International Co-operation Agreement between Al-Kharj University and University of Texas at Austin (2011).
- **Member** of the Standing Committee of incentives and allowances for faculty members at Al-Kharj University (2011- 2012).
- **Member** of the committee drafting the list of research chairs at the University of Al-Kharj
- **Member** of the committee of drafting of the regulations research chairs at Al-Kharj University (2011).
- **Consultant** to the General Administration for Drug Control - Ministry of Interior, Saudi Arabia (2011- 2012).
- **Representative and coordinator** of Al-Kharj University with Badir Program for Technology Incubators, Saudi Arabia (2011- 2012).
- **General Supervisor** of the Saudi Pavilion as country of honor at the Beijing International Book Fair, Beijing- China (2013).

- **Chairman** of the cultural and social activities and sports for employees of the College of Pharmacy, King Saud University (2016- 2017).
- **Chairman** of the Executive Committee for the 1<sup>st</sup> Symposium of King Saud University Documents Center: Foundation & Aspiration; Riyadh- Saudi Arabia (December 2015).
- **Member** of the Executive Committee for implementation of the permanent institutional accreditation, King Saud University (2016- 2017).
- **Member** of the Organizing Committee for the Conference of College of Pharmacy 2017, King Saud University (2016- 2017).

### **Area of Expertise**

- Natural products separation (marine and higher plants), structural elucidation, bioassay guided fractionation and structural modification.
- Different kind of chromatography for separation and analytical techniques such as LC, HPLC (analytical and preparative), GC and gel permeation.
- Spectroscopic analysis using IR, UV, MS, 1D-NMR (<sup>1</sup>H, <sup>13</sup>C-NMR) and 2D-NMR (Including COSY, NOESY, HSQC and HMBC). In addition, the ability for measurement on NMR machine.
- The applications of analytical tools in evaluation of quality and safety of dietary supplements, fingerprinting and standardization of marker compounds in medicinal plant products, optimization of large scale extraction and isolation of natural products of commercial value.
- Drug discovery and development from ethnomedicine.
- Analysis of controlled substances and food products (fresh, processed and canned).
- Analysis of the volatile oils from the aromatic plants to evaluate their uses in the field of nutrients and cosmetics.

## **Conferences, Symposiums, Seminars, Scientific Meetings and Visits**

1. *The Symposium on a New Era in Pharmacy Practice*, Security Forces Hospital Program, Saudi Arabia (November 2005).
2. The 9<sup>th</sup> International Pharmaceutical Sciences Conference & Exhibition “*Future of Medications in the 21<sup>st</sup> Century*”, College of Pharmacy, King Saud University, Saudi Arabia (December 2005).
3. *The Symposium on Drugs & Toxicology in Clinical Practice*, Prince Salman bin Abdulaziz Hospital, Saudi Arabia (January 2007).
4. Program of Orientation Seminar for New Faculty, Deanship of Skills Development– King Saud University, Saudi Arabia (October 2007).
5. *The 1<sup>st</sup> KSA & Tecniplast Symposium “Innovative Solutions for Research with Laboratory Animals”*, Italy (March 2009).
6. *Teaching for Learning*, A Faculty Development Workshop for King Saud University Faculty by The Center for the Enhancement of Teaching and Learning at Georgia Institute of Technology, USA (July 2009).
7. The Third International Conference for Medical education; Khartoum-Sudan (October/November 2009).
8. Euro-Med Symposium “*Plant Natural Products from Biodiversity to Bioindustry*”, National Research Center, Cairo-Egypt (December 2009).
9. The Arab Health Exhibition & Congress; Dubai-United Arab Emirates (January 2010).
10. 4<sup>th</sup> Medical Career Day; King Saud bin Abdulaziz University for Health Sciences; Riyadh-Saudi Arabia (February 2010).
11. Dubai International Pharmaceuticals & Technologies Conference & Exhibition; Dubai-United Arab Emirates (March 2010).
12. The 8<sup>th</sup> Saudi International Pharmaceutical Conference and Exhibition; Riyadh- Saudi Arabia (April 2010).
13. Workshop: Assessment in Health Education; King Saud University- Saudi Arabia (April 2010).
14. 6<sup>th</sup> Conference on Medicinal and Aromatic Plants of Southeast European Countries; Antalya-Turkey (April 2010).
15. Pharmaceutical & Biotechnology Exhibition & Conference, PABME; Dubai-United Arab Emirates (May 2010).
16. Workshop on “*Higher Education Plan to Combat Drugs: policies and procedures*”; Riyadh-Saudi Arabia (May 2010).
17. A training course on medical uses for steam autoclaves at Astell Scientific Ltd., Kent-United Kingdom (June 2010).

18. A workshop entitled: "*the future aspirations of the University leaders for Strategic Plan*", Al-Kharj - Saudi Arabia (December 2010).
19. The 2nd Scientific Conference for Higher Education Students, Jeddah- Saudi Arabia (March 2011).
20. International Exhibition & Conference on Higher Education, Riyadh- Saudi Arabia (April 2011).
21. A workshop on the Scientific Evidences of "*Medical and Therapeutic Uses of Bee Products*", King Saud University, Riyadh- Saudi Arabia (April 2011).
22. A workshop entitled: "*Academic Advising: Ways and Methods*"; College of Education, King Saud University, Riyadh- Saudi Arabia (May 2011).
23. A workshop entitled: "*Natural Products and Drug Discovery*"; College of Sciences, King Saud University, Riyadh- Saudi Arabia (May 2011).
24. A symposium entitled: "*Towards Community-Based Partnership for Building Health Awareness*"; College of Arts, King Saud University, Riyadh- Saudi Arabia (May 2011).
25. A Seminar on "*Scientific Research in Al-Kharj University - Hope and Reality.*" Al-Kharj - Saudi Arabia (March 2011).
26. The Saudi International Technology Incubation Conference; King Abdulaziz City for Science and Technology, Riyadh- Saudi Arabia (October 2011).
27. Academic Leadership Development Workshop; Ministry of Higher Education, Riyadh- Saudi Arabia (October 2011).
28. A course in security and diplomatic skills for workers abroad; Diplomatic Studies Institute, Ministry of Foreign Affairs, Riyadh- Saudi Arabia (January 2012).
29. International Exhibition and Forum for Education; Ministry of Education, Riyadh- Saudi Arabia (February 2012).
30. A course entitled: "*Graphology - the study of handwriting and handwriting analysis*"; Subul for Training, Riyadh- Saudi Arabia (February 2012).
31. The First Saudi International Forum for Pharmaceutical Legislation and Registration; Saudi Food & Drug Authority, Riyadh- Saudi Arabia (February 2012).
32. Give a lecture entitled "*Psychotropic Substances - types, risks, and how to prevent them*"; Ministry of Interior, Dammam- Saudi Arabia (March 2012).
33. 1<sup>st</sup> Saudi International Conference of Forensic Medical Sciences; Ministry of Interior, Riyadh - Saudi Arabia (March 2012).
34. A symposium entitled: "*Rational Use of Drugs*"; Jeddah Pharmacy Club, Jeddah-Saudi Arabia (April 2012).

35. A workshop entitled: "*Strategies for Increase Student Success through Active Cooperative Learning*"; Academic Leadership Center, Ministry of Higher Education, Riyadh- Saudi Arabia (April 2012).
36. A workshop entitled: "*Leadership Excellence through High-Impact Innovative Practices*"; Academic Leadership Center, Ministry of Higher Education, Riyadh- Saudi Arabia (April 2012).
37. A qualifying session for the cultural attaches to the use of technical systems and their applications in Cultural Missions; Ministry of Higher Education, Riyadh- Saudi Arabia (April 2012).
38. International Exhibition & Conference on Higher Education, Riyadh- Saudi Arabia (April 2012).
39. 2<sup>nd</sup> Makkah Conference for Pharmacy; King Abdulaziz Hospital, Ministry of Health, Makkah- Saudi Arabia (April 2012).
40. TV interview entitled "*Drugs and Psychotropic Substances - ways to promote them among young people, risks and how to prevent them*", Saudi TV Channel 1 (KSA 1), Riyadh- Saudi Arabia (May 2012).
41. The 2<sup>nd</sup> International Symposium of Modern Medicine, Traditional Chinese Medicine and Uyghur Medicine, Xinjiang Medical University, Urumqi, Xinjiang- China (September 2012).
42. Member of the Scientific Committee of The 2<sup>nd</sup> International Symposium of Modern Medicine, Traditional Chinese Medicine and Uyghur Medicine, Xinjiang Medical University, Urumqi, Xinjiang- China (September 2012).
43. Cultural and scientific visit to *Xinjiang Medical University*, Urumqi, Xinjiang- China (September 2012).
44. Cultural and scientific visit to *Peking University*, Beijing- China (November 2012).
45. Cultural and scientific visit to *Beijing University of Chinese Medicine*, Beijing- China (November 2012).
46. Cultural and scientific visit to *Wuhan University*, Wuhan, Hubei- China (November 2012).
47. Cultural and scientific visit to *Shandong University*, Jinan- China (November 2012).
48. Cultural and scientific visit to *Tianjin Medical University*, Tianjin - China (November 2012).
49. Cultural and scientific visit to *Beijing University of Posts and Telecommunications*, Beijing- China (December 2012).
50. Cultural and scientific visit to *China University of Political Science and Law*, Beijing- China (December 2012).
51. Cultural and scientific visit to *Beijing Jiaotong University*, Beijing- China (March 2013).
52. Cultural and scientific visit to *Beihang University*, Beijing- China (March 2013).
53. Cultural and scientific visit to *Beijing Language and Culture University*, Beijing- China (March 2013).

54. Cultural and scientific visit to *Beijing International Studies University*, Beijing- China (March 2013).
55. Cultural and scientific visit to *Beijing University of Chemical Technology*, Beijing- China (March 2013).
56. International Exhibition & Conference on Higher Education, Riyadh- Saudi Arabia (April 2013).
57. Cultural and scientific visit to *Dalian University of Technology*, Dalian- China (May 2013).
58. Cultural and scientific visit to *Tsinghua University*, Beijing- China (May 2013).
59. Cultural and scientific visit to *Shandong University of Technology*, Zibo- China (May 2013).
60. Cultural and scientific visit to *School of Islamic Culture*, Ningxia- China (May 2013).
61. Cultural and scientific visit to *Soochow University*, Suzhou- China (September 2013).
62. Cultural and scientific visit to *East China Normal University*, Shanghai- China (November 2013).
63. Cultural and scientific visit to *Nanjing University of Science and Technology*, Nanjing - China (December 2013).
64. Cultural and scientific visit to *University of International Business and Economics*, Beijing- China (December 2013).
65. Dubai International Pharmaceuticals & Technologies Conference & Exhibition; Dubai-United Arab Emirates (March 2014)
66. Cultural and scientific visit to *Jilin University*, Jilin - China (April 2014).
67. Cultural and scientific visit to *Xi'an Jiaotong University*, Xi'an- China (May 2014).
68. Cultural and scientific visit to *Hebei University of Chinese Medicine*, Shijiazhuang- China (May 2014).
69. 1<sup>st</sup> International Conference on Development of Research in Higher Education, Amman- Jordan (August 2014).
70. The 1<sup>st</sup> Symposium of King Saud University Documents Center: Foundation & Aspiration; Riyadh- Saudi Arabia (December 2015).

## **Publications**

1. Khaled Y. Orabi, **Saleh I. Alqasoumi**, Mahmoud M. El-Olemy, Jaber S. Mossa, Ilias Muhammad, 2001. Dihydroagarofuran alkaloid and triterpenes from *Maytenus heterophylla* and *Maytenus arbutifolia*. *Phytochemistry* 58, 475–480.
2. Maged S. Abdel-Kader, Omer A. Basudan, **Saleh I. Alqasoumi**, and Mohamed I. Abou-Shoer, 2007. Phytochemical Study of *Lotus ornithopodioides* L. *Natural Product Sciences* 13 (4), 317–321.
3. **Saleh Alqasoumi**, Mohammed Al-Yahya, Tawfeq Al-Howiriny and Syed Rafatullah, 2008. Gastroprotective Effect of Radish “*Raphanus sativus*” L. on Experimental Gastric Ulcer Models in Rats. *FARMACIA LVI* (2), 204–214.
4. Maged S. Abdel-Kader and **Saleh I. Alqasoumi**, 2008. Evaluation of the Hepatoprotective Effect of The Ethanol Extracts of *Solanum nigrum*, *Cassia fistula*, *Balanites aegyptiaca* and *Carthamus tinctorius* Against Experimentally Induced Liver Injury in Rats. *Alexandria Journal of Pharmaceutical Sciences* 22 (1), 47–50.
5. **Saleh I. Alqasoumi**, Adnan J. Al-Rehaily, Abdulmalik M. AlSheikh and Maged S. Abdel-Kader, 2008. Evaluation of the Hepatoprotective effect of *Ephedra foliate*, *Alhagi maurorum*, *Capsella bursa-pastoris* and *Hibiscus sabdariffa* against experimentally induced liver injury in rats. *Natural Product Sciences* 14 (2), 95–99.
6. **Saleh I. Alqasoumi**, Tawfik A. Al-Howiriny and Maged S. Abdel-Kader, 2008. Evaluation of the Hepatoprotective Effect of *Aloe Vera*, *Clematis hirsute*, *Cucumis prophetarum* and Bee Propolis against Experimentally Induced Liver Injury in Rats. *International Journal of Pharmacology* 4 (3), 213- 217.
7. Yousi Asiri, Abdlatif Al-Dhawailie, **Saleh Alqasoumi**, Mohammed Al-Yahya, Syed Rafatullah, 2008. Pharmacovigilance in Herbal Medicine: A Paradigm to Drug Toxicity Monitoring In Conventional Health Care. *Hungarian Medical Journal* 2 (3), 351- 363.
8. **Saleh I. Alqasoumi**, Kamal E. H. El-Tahir and Maged S. Abdel-Kader, 2008. Evaluation of the Hepatoprotective Effect of *Ecbalium Elaterium*, *Convolvulus Pilosellifolius*, *Cyperus Bulbosus* and *Echinacea Angustifolia* Against Experimentally Induced Liver Injury in Rats. *Arab Journal of pharmaceutical Sciences* 3 (8), XXIX- XXXIX.
9. Syed Rafatullah, Abdulmalik AlSheikh, **Saleh Alqasoumi**, Mohammed Al-Yahya, Kamal El-Tahir and Ahmed Galal, 2008. Protective Effect of Fresh Radish Juice (*Raphanus sativus* L.) Against Carbon Tetrachloride-Induced Hepatotoxicity. *International Journal of Pharmacology* 4 (2), 130- 134.

10. S. Rafatullah, **S. Alqasoumi**, 2008. Unani medicine: An integral part of health care system in Indian subcontinent. *European Journal of Integrative Medicine* 1 (1), 39–40.
11. **Saleh I. Alqasoumi**, Mohammad S. Al-Dosari, Abdulmalik M. AlSheikh and Maged S. Abdel-Kader, 2009. Evaluation of the Hepatoprotective Effect of *Fumaria parviflora* and *Momordica balsamina* from Saudi Folk Medicine against experimentally induced liver injury in rats. *Research Journal of Medicinal Plant* 3 (1), 9- 15.
12. Maged S. Abdel-Kader, Yousif A. Asiri, Abdulmalik M. AlSheikh, **Saleh I. Alqasoumi**, 2009. Evaluation of Hepatoprotective Effect Claimed of *Juniperus procera*, *Terminalia chebula* and *Anagallis arvensis* from Saudi Folk Medicine Against Experimentally-induced Liver Injury in Rats. *Alexandria Journal of Pharmaceutical Sciences* 23 (1), 7–10.
13. **Saleh Alqasoumi**, Mohammed Al-Sohaibani, Tawfeq Al-Howiriny, Mohammed Al-Yahya, Syed Rafatullah, 2009. Rocket "*Eruca sativa*": a salad herb with potential gastric anti-ulcer activity. *World Journal of Gastroenterology* 15 (16), 1958–1965.
14. Maged Saad ABDEL-KADER, **Saleh Ibrahim ALQASOUMI** and Areej Mohammad AL-TAWEEL, 2009. Hepatoprotective Constituents from *Cleome droserifolia*. *Chemical and Pharmaceutical Bulletin* 57 (6), 620–624.
15. Tawfeq Al-Howiriny, Abdulmalik Alsheikh, **Saleh Alqasoumi**, Mohammed Al-Yahya, Kamal ElTahir, and Syed Rafatullah, 2009. Protective Effect of *Origanum majorana* L. 'Marjoram' on Various Models of Gastric Mucosal Injury in Rats. *The American Journal of Chinese Medicine* 37 (3), 531–545.
16. **Saleh Alqasoumi**, Ahmed Galal, Ali Gamal, Mohammed Al-Yahya, Syed Rafatullah, 2009. Antinociceptive, Anti-inflammatory and Antipyretic Effects of a Flavonoidal Mixture Leaf Surface of *Rhus retinorrhaea*. *FARMACIA* 57 (3), 346–354.
17. **Saleh I. Alqasoumi**, 2009. Phytochemical Study of The Aerial Parts of *Conyza discoridis* Growing in Saudi Arabia L. *Natural Product Sciences* 15 (2), 66–70.
18. **SALEH I. ALQASOUMI**, KAMAL E.H. EL TAHIR, ABDULMALIK M. ALSHEIKH and MAGED S. ABDEL-KADER, 2009. Hepatoprotective Effect and Safety Studies of *Juniperus phoenicia*. *Alexandria Journal of Pharmaceutical Sciences* 23 (2), 81–88.
19. **SALEH I. ALQASOUMI**, KAMAL E.H. EL TAHIR and MAGED S. ABDEL-KADER, 2009. Phytochemical Study of *Cymbopogon proximus* Guided by Hypotensive Effect in Rats. *Alexandria Journal of Pharmaceutical Sciences* 23 (2), 91–96.
20. **Saleh I. Alqasoumi**, Adnan J. Al-Rehaily, and Maged S. Abdel-Kader, 2009. Constituents of The Aerial Parts of *Lonicera etrusca* Growing in Saudi Arabia. *Natural Product Sciences*. *Natural Product Sciences* 15 (3), 121–124.

21. **Saleh I. Alqasoumi**, Areej M. Al-Taweel, Ahmed M. Alafeefy, Mostafa M. Hamed, Eman Noaman, Mostafa M. Ghorab, 2009. Synthesis and biological evaluation of 2-amino-7,7-dimethyl 4-substituted-5-oxo-1-(3,4,5-trimethoxy)-1,4,5,6,7,8-hexahydro-quinoline-3-carbonitrile derivatives as potential cytotoxic agents. *Bioorganic & Medicinal Chemistry Letters* 19, 6939–6942.
22. **Saleh I. Alqasoumi**, Fatma A. Ragab, Ahmed M. Alafeefy, Marwa Galal, Mostafa M. Ghorab, 2009. Radioprotective and Antitumor Activity of Some Novel Amino Acids and Imidazoles Containing Thieno[2,3-*d*]pyrimidine Moiety. *Phosphorus, Sulfur, and Silicon and the Related Elements* 184 (12), 3241–3257.
23. **Saleh I. Alqasoumi**, Moustafa M. Ghorab, Zeinab H. Ismail, Soad M. Abdel-Gawad, Mohamed S. A. El-Gaby, Hala M. Aly, 2009. Novel Antitumor Acetamide, Pyrrole, Pyrrolopyrimidine, Thiocyanate, Hydrazone, Pyrazole, Isothiocyanate and Thiophene Derivatives Containing a Biologically Active Pyrazole Moiety. *Arzneimittel Forschung/Drug Research* 59 (12), 666–671.
24. Mostafa M. Ghorab, Fatma A. Ragab, **Saleh I. Alqasoumi**, Ahmed M. Alafeefy, Sarah A. Aboulmagd, 2010. Synthesis of some new pyrazolo[3,4-*d*]pyrimidine derivatives of expected anticancer and radioprotective activity. *European Journal of Medicinal Chemistry* 45 (1), 171–178.
25. **Saleh I. Alqasoumi**, Areej M. Al-Taweel, Ahmed M. Alafeefy, Eman Noaman, Mostafa M. Ghorab, 2010. Novel quinolines and pyrimido[4,5-*b*]quinolines bearing biologically active sulfonamide moiety as a new class of antitumor agents. *European Journal of Medicinal Chemistry* 45 (2), 738–744.
26. **Saleh I. Alqasoumi**, 2010. Carbon Tetrachloride-Induced Hepatotoxicity: Protective Effect of 'Rocket' *Eruca sativa* L. in Rats. *The American Journal of Chinese Medicine* 38 (1), 75–88.
27. **Saleh I. Alqasoumi**, Areej M. Al-Taweel, Ahmed M. Alafeefy, Eman Noaman, Mostafa M. Ghorab, 2010. Discovering some novel tetrahydroquinoline derivatives bearing the biologically active sulfonamide moiety as a new class of antitumor agents. *European Journal of Medicinal Chemistry* 45 (5), 1849–1853.
28. **Saleh Alqasoumi**, Mohammed Al-Dosari, Mohammed Al-Sohaibani, Tawfeq Al-Howiriny, Mohammed Al-Yahya, Syed Rafatullah, 2010. Gastric Ulcer Protective Activity of *Hibiscus sabdariffa*: An Experimental, Biochemical and Histological Study. *Clinical and Experimental Medical Journal* 4 (1), 115–127.
29. **SALEH I. ALQASOUMI**, 2010. A New Chalcone Glucoside from the Aerial Parts of *Rhus natalensis* Growing in Saudi Arabia. *Alexandria Journal of Pharmaceutical Sciences* 24 (1), 48–50.

30. AREEJ M. Al-Taweel, **SALEH I. ALQASOUMI**, GHADA A. F. MOHAMED and MAGED S. ABDEL-KADER, 2010. Evaluation of the Diuretic Effect of Some Plants Used in Saudi Traditional Medicine. *Alexandria Journal of Pharmaceutical Sciences* 24 (1), 31–35.
31. MAGED S. ABDEL-KADER, **SALEH I. ALQASOUMI**, MOHAMED M. HEFNAWY and ABDULMALIK M. ALSHEIKH, 2010. Hepatoprotective Effect and Safety Studies of *Cleome droserifolia*. *Alexandria Journal of Pharmaceutical Sciences* 24 (1), 13–21.
32. Mansour S. Al-Said, Mostafa M. Ghorab, **Saleh I. Alqasoumi**, Ebaa M. El-Hossary, Eman Noaman, 2010. Synthesis and *in vitro* anticancer screening of some novel 4-[2-amino-3-cyano-4-substituted-5,6,7,8-tetrahydroquinolin-1-(4*H*)-yl]benzenesulfonamides. *European Journal of Medicinal Chemistry* 45 (7), 3011–3018.
33. Tawfeq Al-Howiriny, Abdulmalik Alsheikh, **Saleh Alqasoumi**, Mohammed Al-Yahya, Kamal ElTahir and Syed Rafatullah, 2010. Gastric antiulcer, antiseecretary and cytoprotective properties of Celery (*Apium graveolens*) in Rats. *Pharmaceutical Biology* 48 (7), 786–793.
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## **Patents**

- **Title:** Extract and isolated compounds from *Drechslera rostrate* and/or *Eurotium tonophilum* for use as anti-leishmania-major agents.

**Submitted:** European Patent Office

**Application Number:** 12194343.5

**Date of Submission:** 12/11/2012

**Date of publication:** 22/10/2014

**Mention of the grant of the patent:** Bulletin 2014/43

**EP Patent Number:** EP 2735339 B1

## **Abstracts**

1. **Saleh I. Alqasoumi** and Maged S. Abdel-Kader “Screening of Traditional Saudi Plants for Hepatoprotective Effect”. *Planta Medica* **74**, 1139, 2008. 7<sup>th</sup> Joint Meeting of AFERP, ASP, GA, PSE, SIF, **2008**. Athens, **Greece**.
2. Maged S. Abdel-Kader and **Saleh I. Alqasoumi** “Evaluation of Efficacy and Safety of *Juniperus phoenicea* used as Remedy for liver in Saudi Arabia”. *Planta Medica* **74**, 982, 2008. 7<sup>th</sup> Joint Meeting of AFERP, ASP, GA, PSE, SIF, **2008**. Athens, **Greece**.
3. S. Rafatullah, **S. Alqasoumi** “Unani medicine: An integral part of health care system in Indian subcontinent” *European Journal of Integrative Medicine*, **1S**, S39, 2008, 1<sup>st</sup> European Congress for Integrative Medicine, **2008**. Berlin, **Germany**.
4. Syed Rafatullah, **Saleh Alqasoumi**, Ibrahim Al-Mofleh “Gastroprotective Effect of a Popular Spice Assafoetida “*Ferula assafoetida*” Used in Arab Traditional Medicine”. XIII<sup>th</sup> International Congress “Phytopharm 2009”, **2009**. Bonn, **Germany**.
5. **Saleh Alqasoumi**, Mohammed Al-Sohaibani, Tawfeq Al-Howiriny, Mohammed Al-Yahya, Syed Rafatullah “Rocket “*Eruca sativa*”: a salad herb with potential gastric anti-ulcer activity”. The 1<sup>st</sup> Euro-Med Conference for Plant Natural Products, **2009**. Cairo, **Egypt**.
6. **Saleh I. Alqasoumi** “*Carum copticum*: a Spice Used in Saudi Traditional Medicine for Gastric Ailments”. 6<sup>th</sup> Conference on Medicinal and Aromatic Plants of Southeast European Countries, **2010**. Antalya, **Turkey**.
7. **Saleh I. Alqasoumi** “High-performance thin layer chromatographic analysis of 6-gingerol in ginger-containing dietary supplements, teas and creams”. 6<sup>th</sup> Conference on Medicinal and Aromatic Plants of Southeast European Countries, **2010**. Antalya, **Turkey**.
8. Maged S. Abdel-Kader and **Saleh I. Alqasoumi** “Phytochemical Study of *Cymbopogon proximus* Guided by Hypotensive Effect in Rats”. BioVision Alexandria, **2010**. Alexandria, **Egypt**.
9. **Saleh I. Alqasoumi** Protective effect of a vegetable “*Basella alba* L.” on gentamicin-induced nephropathy in albino rats. Pharma-Nutrition, **2011**. Amsterdam, **The Netherlands**.
10. Syed Rafatullah, **S. Alqasoumi**, M. Al-Dosary, M. Al-Yahya, I. Al-Mofleh. Gastroprotective Effect of a Popular Spice Cinnamon “*Cinnamomum zeylanicum* Nees.” in Rats. Pharma-Nutrition, **2011**. Amsterdam, **The Netherlands**.
11. Demirci B, **Alqasoumi SI**, Al Rehaily AJ, Al Yahya MA, Yusufoglu HS, Tabanca N, Wedge DE, Demirci F, Becnel JJ, Bernier UR, Baser KHC. “*Phoenix dactylifera* L. essential oil: Chemical composition, antimicrobial and insecticidal activities”. *Planta*

- Medica **77**, 1302, 2011. 59<sup>th</sup> International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, **2011**. Antalya, **Turkey**.
12. **Saleh I. Alqasoumi** and Maged S. Abdel-Kader. "Hepatoprotective Constituents from *Juniperus phoenicea*". The 2nd Euro-Med Conference "Plant Natural Products: From Biodiversity to Bioindustry", **2011**. Alexandria, **Egypt**.
13. **Saleh I. Alqasoumi**. "What Every Pharmacist Should Know about Common Herbal Medicines". 2<sup>nd</sup> Makkah Symposium for Pharmacy, **2012**. Makkah, **Saudi Arabia**.
14. Syed Rafatullah, **Saleh Alqasoumi**, Mohammed Al-Dosari, Mansour Al-Said, Mohammed Al-Yahya, Ibrahim Al-Mofleh. "Gastroprotective Effect of Fennel '*Foeniculum vulgare*' a Commonly Used Spice in Arab Traditional Medicine". The XVIth INTERNATIONAL CONGRESS "PHYTOPHARM 2012", **2012**. St-Petersburg, **Russia**.
15. Rehab F. Abdel-Rahman, Moayad H. Khataibah, **Saleh I. Alqasoumi**, Ahmed H. El-Desoky, Gamal A. Soliman, Mohammed El-Ameer F. Hegazy. "Evaluation of the anti-inflammatory, analgesic and anti-ulcerogenic potentials of *Achillea fragrantissima* (FORSSK)". 50<sup>th</sup> Congress of the European Societies of Toxicology, **2014**. Edinburgh, **Scotland**.

## **Professional Affiliations**

1. The Saudi Pharmaceutical Society, 1994 - Present.
2. The American Society of Pharmacognosy, 2000 - Present.
3. Society for Medicinal Plant Research, 2004 - Present.
4. The Herb Society of America, 2007 - Present.

## **Courses Taught at King Saud University, College of Pharmacy**

1. PHG 251: Pharmacognosy-1
2. PHG 456: Evaluation of Vegetable and Animal Drugs
3. PHG 474: Screening, Separation and Analysis of Plant Constituents
4. PHTR 496: Pharmacy Training-1

## **Courses Taught at Riyadh College of Dentistry and Pharmacy**

1. PHRM 313: Pharmacognosy-1
2. PHRM 323: Pharmacognosy-2
3. PHRM 413: Pharmacognosy-3
4. PHRM 425: Natural Products and OTC

## **Courses Taught at Salman bin Abdulaziz University, College of Pharmacy**

1. PHG 222: Pharmacognosy-1
2. PHG 414: Substance Abuse
3. PHG 463: Herbal and Alternative Medicine

## **Spoken Languages**

1. Arabic
2. English

## **Awards, Citations and Honors**

- Gold Medal in 44<sup>th</sup> International Exhibition of Inventions of Geneva, Switzerland (April 2016).
- Honored Members of Marquis **Who's Who in the World** (2011).
- Honored Members of Marquis **Who's Who in Asia** (2012).
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Rocket "*Eruca sativa*": a salad herb with potential gastric anti-ulcer activity. World Journal of Gastroenterology 15 (16), 1958–1965, 2009.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Protective Effect of *Origanum majorana* L. 'Marjoram' on Various Models of Gastric Mucosal Injury in Rats. The American Journal of Chinese Medicine 37 (3), 531–545, 2009.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Synthesis and biological evaluation of 2-amino-7,7-dimethyl 4-substituted-5-oxo-1-(3,4,5-trimethoxy)-1,4,5,6,7,8-hexahydro-quinoline-3-carbonitrile derivatives as potential cytotoxic agents. Bioorganic & Medicinal Chemistry Letters 19, 6939–6942, 2009.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Hepatoprotective Constituents from *Cleome droserifolia*. Chemical and Pharmaceutical Bulletin 57 (6), 620–624, 2009.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Novel Antitumor Acetamide, Pyrrole, Pyrrolopyrimidine, Thiocyanate, Hydrazone, Pyrazole, Isothiocyanate and Thiophene Derivatives Containing a Biologically Active Pyrazole Moiety. Arzneimittelforschung 59 (12), 666–671, 2009.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Carbon Tetrachloride-Induced Hepatotoxicity: Protective Effect of 'Rocket' *Eruca sativa* L. in Rats. The American Journal of Chinese Medicine 38 (1), 75–88, 2010.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:

- Synthesis of some new pyrazolo[3,4-d]pyrimidine derivatives of expected anticancer and radioprotective activity. *European Journal of Medicinal Chemistry* 45 (1), 171–178, 2010.
- Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Novel quinolines and pyrimido[4,5-b]quinolines bearing biologically active sulfonamide moiety as a new class of antitumor agents. *European Journal of Medicinal Chemistry* 45 (2), 738–744, 2010.
  - Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Antinociceptive, Anti-inflammatory and Antipyretic Effects of a Flavonoidal Mixture Leaf Surface of *Rhus retinorrhaea*. *FARMACIA* 57 (3), 346–354, 2009.
  - Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Discovering some novel tetrahydroquinoline derivatives bearing the biologically active sulfonamide moiety as a new class of antitumor agents. *European Journal of Medicinal Chemistry* 45 (5), 1849–1853, 2010.
  - Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Radioprotective and Antitumor Activity of Some Novel Amino Acids and Imidazoles Containing Thieno[2,3-*d*]pyrimidine Moiety. *Phosphorus, Sulfur, and Silicon and the Related Elements* 184 (12), 3241–3257, 2009.
  - Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Synthesis and *in vitro* anticancer screening of some novel 4-[2-amino-3-cyano-4-substituted-5,6,7,8-tetrahydroquinolin-1-(4*H*)-yl]benzenesulfonamides. *European Journal of Medicinal Chemistry* 45 (7), 3011–3018, 2010.
  - Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:  
Gastric antiulcer, antisecretory and cytoprotective properties of Celery (*Apium graveolens*) in Rats. *Pharmaceutical Biology* 48 (7), 786–793, 2010.
  - Distinguished Research and Publication Quality Award, King Saud University-Saudi Arabia, for research:

Anti-breast cancer activity of some novel 1,2-dihydropyridine, thiophene and thiazole derivatives. European Journal of Medicinal Chemistry 46 (1), 137–141, 2011.

## **Research Area of Interest**

- **Dr. Alqasoumi's** research interests include the isolation and structure elucidation of biologically active natural products from both higher plants and marine especially alkaloids, flavonoids, steroids, triterpenes, and volatile oils. Also his research interest includes analytical method development of these compounds by HPLC, GC and GC/MS.
- The applications of analytical tools in evaluation of quality and safety of dietary supplements, fingerprinting and standardization of marker compounds in medicinal plant products, Optimization of large scale extraction and isolation of natural products of commercial value. This includes the search of active components from plants used in folk medicine to understand validity of centuries old use of Herbal Medicine which possess antimicrobial, antitumor, anti-inflammatory or immune modulators properties.
- The development of analytical methods for the quantitation of marker/standard compounds in dietary supplements by HPLC, GC, and LC/MS, and NMR. These methods will help in determining the validity of claims on dietary supplements.

## **Skills**

- Computer and internet applications, e.g. Microsoft Office, ChemOffice and Adobe Photoshop.
- Formulation and development of international cooperation agreements in the academic and research fields.
- Creation of specialized scientific chairs in collaboration with the private sector in the field of pharmacy and medicine.
- Creation and management of technology incubators.
- The ability to develop plans and strategies for projects, programs, and community activities.
- Mastery of teamwork and develop team spirit.
- Translation of books, periodicals and scientific articles in specialized areas of pharmacy.
- Design of professional logos.
- Journalistic writing.