

## **Hossam Mohamed Abdallah**

Date of birth: 22/12/1969

Nationality: Egyptian

**Current occupation:** Associate Professor of Natural Product Chemistry  
, Faculty of Pharmacy, King Abdulaziz University.



**Address:** Natural Products Dept. Faculty of Pharmacy Faculty of Pharmacy, King Abdulaziz University Jeddah 21589, PO Box 80260, Saudi Arabia.

**Voice :** +966-598835230, +966-544377110

E-mail: [hmafifi@yahoo.com](mailto:hmafifi@yahoo.com)

### **Education**

Oct. 2000-May 2006: PhD Student Faculty of Pharmacy, Cairo University

Degree: PHD (major: Phytochemistry, May 2006)

May 1994-Jan 2000: Master student in Faculty of Pharmacy, Cairo University

Degree: Master (Pharmacognosy)

Sept.1993-May 1994: Special courses in pharmacognosy

Sept. 1987-May 1991: Undergraduate student, Faculty of Pharmacy, Cairo University.

Degree: B.sc (pharmaceutical sciences, May 1991)

Grade: Excellent with honors.

### **Work experiences**

09/2013- Now Associate Professor, Department of Natural Products, Faculty of Pharmacy, King Abdul Aziz University, Jeddah, KSA.

09/2009- 9/2013 Lecturer, Department of Pharmacognosy, Faculty of Pharmacy, King Abdul Aziz University, Jeddah, KSA.

02/2009-08/2009 Lecturer, Department of Pharmacognosy, Faculty of Pharmacy, Umm Al-Qura University, Makkah, KSA.

03/2006-02/2009 Lecturer, Department of Pharmacognosy, Faculty of Pharmacy,  
Cairo University, Cairo, Egypt

09/2000-03/2006 Assistant Lecturer, Department of Pharmacognosy, Faculty of  
Pharmacy, Cairo University, Cairo, Egypt.

03/1992-05/2000 Teaching Assistant, Department of Pharmacognosy, Faculty  
of Pharmacy, Cairo University, Cairo, Egypt

### **Skills**

- Phytochemical and Pharmacognostical studies of Medicinal Plants.
- Isolation of bioactive plant constituents using advanced chromatographic techniques (separation on VLC, and column chromatography using different adsorbent as RP, Sephadex, Cellulose, or Polyamide and separation using PC) and elucidation of their structure using different chemical and spectral methods (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, H,H-COSY, HMQC, EI-MS, ESI-MS).
- Bioguided fractionation of plant extract that prove promising antidiabetic, anti-tumor or hepatoprotective activity, isolation of active constituent(s) from the bioactive fraction(s), and testing the biological activities of isolates.
- Microscopical and macroscopical examination of medicinal plants.

### **Language Skills:**

Fluent in English and Arabic (mother tongue).

### **Training Programs**

- SPSS WIN in Institute of Statistical Studies (1/8/1998 – 19/8/1998)
- Training course in Computer science (Introduction- Basics- Windows- Word- Excel- Power point): Cairo university (May 2000).

- Teaching and Educational Course: Education Research Institute, Cairo university (June 2001).
- Structure elucidation of Plant Phenolics in National Research Center (15/5/2004-26/5/2004)
- "Course Design", 6-9-2006 Cairo University.
- "Quality Assurance and Accreditation", 13-9-2006, Cairo University
- "Scientific Project Design ", 16-8-2006, Cairo University.
- Computer courses introduced by Supreme Council of Universities Central Unit of ICT Training (CUICTT), June 2007.
- DOPSE-TEMPUS, Training Course in "Helping Students Learn", at King's Colleague, London, March 2007.
- Attendance of first conference about dissemination and application of Accreditation, 2008.
- Participate in first international conference about Quality Assurance and Accreditation, 2008.
- "Methods of Evaluation and Assessment", 3-7-2008, Cairo University
- Virtual class room Centra, Deanship of E-learning and distance education, 25-2-2012.
- "Effective Presentation Skills", 7-2012, Cairo University.
- "International Publication" 7- 2012, Cairo University.
- "Web Endnote as a Reference Management Software" 25/12/2012 Faculty of Pharmacy, King Abdulaziz University.
- "Program and Course ILO'S", 7/1/2012, Faculty of Pharmacy, King Abdulaziz University.
- "Student Assessment Made Easy", 26/2/2012, Faculty of Pharmacy, King Abdulaziz University.
- "How to prepare your ILO'S and Liaison between Assessment and Course ILO'S" 25/4/2012, Faculty of Pharmacy, King Abdulaziz University.
- "Strategic Planning" Strategic Planning Center, 3 Oct. 2012.

- “Concepts of Quality and Accreditation in educational laboratory”, 20/12/2011, Faculty of Pharmacy, King Abdulaziz University.
- “Plagiarism and using of iThenticate program” Deanship of Scientific Research, 26 Nov. 2012.
- “OSCE and OSPE” 17-2-2013, Faculty of Pharmacy, King Abdulaziz University.
- Spreadsheets and their using in college education, 28-29 Oct 2013.
- E-learning towards improving traditional education, 4-5 Nov. 2013.
- Black Board software, KAU, 2014
- “Marine Biotechnology & Drug Discovery”, 10/11/ 2014, Faculty of Pharmacy, King Abdul Aziz University.
- Marine Cyanobacteria in Drug Discovery”, 11/11/ 2014, Faculty of Pharmacy, King Abdul Aziz University.
- “Symbiosis & Marine Microbial Natural Products”, 12/11/ 2014, Faculty of Pharmacy, King Abdul Aziz University
- A workshop on “Web endnote as a reference management software “on 25 December 2015 at the Faculty of Pharmacy, King Abdulaziz University, Jeddah, Saudi Arabia.
- 2- A workshop on the course in virtual classroom **Centra** on 25 February 2015 at Deanship of E-learning and distance education, King Abdulaziz University, Jeddah, Saudi Arabia.
- A workshop on 3D structure of therapeutic targets as Critical component in drug discovery and development on 8-9 March 2015 at the Faculty of Pharmacy, King Abdulaziz University, Jeddah, Saudi Arabia.

### **Workshops:**

- "The Skills needed by a fresh graduate to succeed in an industrial company and the role holding company for Pharmaceuticals, Chemicals and Medicinal Appliances can play to develop of Pharmacy education in Egypt" In Faculty of Pharmacy, Helwan University, Cairo 8<sup>th</sup> August 2006.

- "DOPSE TEMPUS Learning points presentations" in Faculty of pharmacy, Cairo University, Cairo 13<sup>th</sup> November 2006
- "DOPSE TEMPUS Review of the implementation of the developed courses in the Egyptian Universities", in SEKEM, 6<sup>th</sup> January, 2007.
- Wrap up meeting of the TEMPUS coordination teams of eSWES and DOPSE , August 19, Al-Masah Building.

### **Scientific activities**

Reviewer in some natural products journals such as

- Bulletin faculty of pharmacy (B-FOPCU, Elsevier)
- Journal of Essential Oil Bearing Plants
- JAR (Journal of Advanced Research)
- Pharmaceutical Biology
- Records of Natural Products
- Journal of King Abdulaziz University Medical Sciences.
- Journal of Pharmaceutical Biology

### **Awards**

- Cairo University International Publication Award, May 2015, Isolation of antiosteoporotic compounds from seeds of *Sophora japonica*.
- King Abdulaziz University for International Publication, March 2015 for **(Hossam M. Abdallah)**, Abdel-Moneim M. Osman, Hussein Almehdar, Essam Abdel-Sattar. Acylated Pregnane glycosides from *Caralluma qaudrangula*. ***Phytochemistry***, 88, 54 -60 (2013).
- King Abdulaziz University for International Publication, March 2014 for (Shahira M. Ezzat, **Hossam M. Abdallah**, Ghada A. Fawzy, Shohda A. El-maraghy. Hepatoprotective effect of *Torilis radiata* growing in Egypt. Journal of Natural Product Research, 26, 3, 282-285, **2012**)

- King Abdulaziz University for International Publication, March 2014 for (Osama M. Ashour, Ashraf B. Abdel-Naim, **Hossam M. Abdallah**, Ayman A. Nagy, Ahmed M. Mohamadin, Essam A. Abdel-Sattar. Evaluation of the Potential Cardioprotective Activity of Some Saudi Plants against Doxorubicin Toxicity. **Z Naturforsch C**. 67, 297-307, **2012**).
- King Abdulaziz University for International Publication, March 2014 for (Hussein Almehdar, **Hossam M. Abdallah**, Abdel-Moneim M. Osman, Essam Abdel-Sattar. *In vitro* Cytotoxic Screening of Selected Saudi Medicinal Plants. **Journal of Natural Medicines** **66**: 406-412, **2012**).
- King Abdulaziz University for International Publication, March 2013 for (**Hossam M. Abdallah** and Shahira M. Ezzat. Effect of the Method of Preparation on the Composition and Cytotoxic Activity of the Essential Oil of *Pituranthos tortuosus* Z. Naturforsch. 66 c, 143 – 148, **2011**)
- Cairo University International Publication Award, May 2012 for (**Hossam. M. Abdallah**, Maha. M. Salama, Enas H. Abd-elrahman, Shohda. A. El-maraghy.. Antidiabetic Activity of Phenolic Compounds from Pecan Bark in Streptozocin-Induced Diabetic Rats. *Phytochemistry letters*, 4, 337-341, **2011**).
- Cairo University International Publication Award, May 2012 for (**Hossam M. Abdallah** and Shahira M. Ezzat, Effect of the Method of Preparation on the Composition and Cytotoxic Activity of the Essential Oil of *Pituranthos tortuosus* Z. Naturforsch. 66 c, 143 – 148, **2011**)
- Cairo University International Publication Award, October 2009 for (Ghada. A. Fawzy, **Hossam. M. Abdallah\***, Mohamed. S. A. Marzouk, Fathy. M. Soliman, and Amany. A. Sleem. Antidiabetic and Antioxidant Activities of Major Flavonoids of *Cynanchum acutum* L. (Asclepiadaceae) Growing in Egypt. *Zeitschrift für Naturforschung C* Vol. 63c, 9/10, 658 – 662, **2008**).

### **Research Projects**

**Principal Investigator in the following Projects:**

- 1- Screening of Saudi Arabian plants for anti-inflammatory activity, 2011, funded by Deanship of Scientific Research (DSR), King Abdulaziz University (70,000 SR).
- 2- Chemical and biological evaluation of *Viscum schimperi* (Saudi mistletoe) growing in Saudi Arabia, 2012, funded by DSR, King Abdulaziz University (70,000 SR).
- 3- Investigation of hepatoprotective effect of *Echinops galalensis* on isolated Huh7 liver cells, 2012, funded by DSR, King Abdulaziz University (70,000 SR).
- 4- Isolation of Hepatoprotective compounds from of *Launea spinosa* 2013, funded by Deanship of Scientific Research (DSR), King Abdulaziz University (70,000 SR).
- 5- Osteoprotective compounds from *Sophora jaboronica* 2013, funded by Deanship of Scientific Research (DSR), King Abdulaziz University (70,000 SR).
- 6- Targeting Vascular Endothelial Dysfunction in Diabetes by Active Constituents from Saudi Plants, 2013, funded by KACST (12-BIO3087-03) (1,750,000 SR).
- 7- Anti-inflammatory activity of *Chrozophora tinctoria* growing in Saudi Arabia, funded by Deanship of Scientific Research (DSR), King Abdulaziz University (70,000 SR).
- 8- Development of Novel non-adeopogenic PPAR $\gamma$ -modulators through natural product libraries as a promising prevention and treatment strategy in metabolic syndrome 2015, funded by KACST (15-BIO4893-03)

#### **Co- Investigator in the following Projects**

- 1- Chemical and biological evaluation of *Caralluma tuberculata* growing in Saudi Arabia, 2011, funded by DSR, King Abdulaziz University.
- 2- Assessment of some plants and natural products used to treat cancer in folk medicine in Saudi Arabia”, funded by King Abdulaziz City for Science and Technology (KACST).

- 3- Effects of co-administration of curcumin or pindolol on immobility time and plasma level of fluoxetine in rats subjected to the forced swimming test, 2012, funded by DSR, King Abdulaziz University.
- 4- Effects of Combined Sildenafil and Black Tea Extract on the Gastrointestinal Transit in Mice, 2012, funded by DSR, King Abdulaziz University.
- 5- Anti-inflammatory effect of *Anabasis setifera*, funded by Deanship of Scientific Research (DSR), King Saud University.
- 6- Cytotoxic activity of *Kleinia odora*
- 7- Modulatory effects of some Saudi medicinal plants on reproductive dysfunction induced by polychlorinated biphenyl (Aroclor 1260) in male rats, 2012, funded by DSR, King Abdulaziz University.
- 8- Studies on the anticancer and antimicrobial activity of locally isolated *Streptomyces* from West Area of Saudi Arabia., 2012, funded by KACST.
- 9- Anti-alzheimer activity of some Saudi Plants, 2014, funded by DSR, King Abdulaziz University.
- 10- Natural Leads as Carcinogenesis and Inflammation Blockers
- 11- The potential protective effect of *Mentha longifolia* extract in an experimental model of inflammatory bowel disease in rats

### **Co-supervision**

- A Phytochemical and Biological Study on *Olea europaea* L. (Family *Oleaceae*) Growing in Egypt. MSc Thesis, Pharmacognosy Department, Faculty of Pharmacy, Cairo University (2011).
- Pharmacognostical Study of *Scabiosa atropurpurea* growing in Egypt. MSc Thesis, Pharmacognosy Department, Faculty of Pharmacy, Cairo University (2012).

### **Cooperation with International institutes**

Functional Food Center, Korea Institute of Science and Technology-Gangneung Institute, 290 Daejeon-dong, Gangneung, Gangwon-do, 210-340, Korea, Prof. CHEOL-



HO PAN, Cooperation established for testing Saudi plant extracts and isolated compounds for their different biological activities using *in vitro* and *in vivo* models.

### **Given General lectures**

- 1- "Herbal Medicine" Sixth Continuing Pharmacy Education Program, Accepted by The Saudi Commission for Health Specialists, Tuesday 15-11 -1430H, 3-11-2009G, King Abdulaziz University, Faculty of Pharmacy, Continuing Pharmacy Education (CPE).
- 2- "Antidaibetic Medicinal Plants" Ninth Continuing Pharmacy Education Program, Accepted by The Saudi Commission for Health Specialists, Wednesday 14-5 -1431H, 28-4-2010G, King Abdulaziz University, Faculty of Pharmacy, Continuing Pharmacy Education (CPE).
- 3- "Antidaibetic Medicinal Plants" Tenth Continuing Pharmacy Education Program, Accepted by The Saudi Commission for Health Specialists, Thursday 17-6 -1431H, 31-5-2010G, King Abdulaziz University, Faculty of Pharmacy, Continuing Pharmacy Education (CPE).
- 4- Third Symposium of Toxicology For health professional in general administration of medical services MOI and others healthcare facilities, Helton, Jeddah, 2010
- 5- "Phytoestrogen" Eleventh Continuing Pharmacy Education Program, Accepted by The Saudi Commission for Health Specialists, Saturday 16-3 -1432H, 19-2-2011G, King Abdulaziz University, Faculty of Pharmacy, Continuing Pharmacy Education (CPE).
- 6- "Phytoestrogen" Twelfth Continuing Pharmacy Education Program, Accepted by The Saudi Commission for Health Specialists, Saturday 11-6 -1432H, 14-5-2011G, King Abdulaziz University, Faculty of Pharmacy, Continuing Pharmacy Education (CPE).
- 7- "Natural Beauty" Thirteenth Continuing Pharmacy Education Program, Accepted by The Saudi Commission for Health Specialists, Saturday 11-6 -1432H, 14-5-

2012G, King Abdulaziz University, Faculty of Pharmacy, Continuing Pharmacy Education (CPE).

### Conferences

- ❑ The 5<sup>th</sup> Scientific Conference for Quality Control of Drugs and Natural Products, Cairo, Egypt. (2000)
- ❑ Workshop on Appropriate Quality Control of Herbal Drugs in Egypt, (March 2000).
- ❑ Herbal and Dietary Supplements Workshop Supervised by PHARMEX & DCQC Consulting Group, Egypt, (April 2000).
- ❑ The 31<sup>st</sup> International Conference of Pharmaceutical Science, December 19 - 21, 2008. Poster presentation “Hepatoprotective Constituents of *Torilis radiata* Moench. (Apiaceae)”.
- ❑ The 31<sup>st</sup> International Conference of Pharmaceutical Science, December 19 - 21, 2008. Poster presentation “Comparative Study of Volatile Oil of *Pituranthos tortuosus* Prepared by Different Methods”.
- ❑ The 31<sup>st</sup> International Conference of Pharmaceutical Science, December 19 - 21, 2008. Poster presentation “Antidiabetic Activity of Phenolic Compounds from Pecan Bark on Streptozotocin Diabetic Rats”.
- ❑ The International Symposium and Annual Meeting of the KSABC (The Korean Society for Applied Biological Chemistry) October 20-22, 2011. **Invited Lecturer** (title: Lead compounds from Saudi Plants).
- ❑ The International Symposium and Annual Meeting of the KSABC (The Korean Society for Applied Biological Chemistry) October 20-22, 2011. Poster presentation “**Biological activities of alcohol extracts of some plants collected from Saudi Arabia**”.

- ❑ The 32<sup>st</sup> International Conference of Pharmaceutical Science, December 19 - 21, 2011. Poster presentation **“Hypoglycemic, hepatoprotective and anti-inflammatory effects of a standardized olive leaves extract”**.
- ❑ 3<sup>rd</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, April 2012. Poster Presentation **“Protective Effect of *Echinops galalensis* against CCl<sub>4</sub>-induced Damage on Huh-7 Human Hepatoma Cell Line”**
- ❑ 15<sup>th</sup> Tetrahedron Symposium, Challenges in bioorganic and organic medicinal chemistry, London, 2014. Poster Presentation **“Isolation of phytochemicals from *Launaea spinosa* and their hepatoprotective effect on HepG2 cells damaged with *t*-BHP”**.
- ❑ International Conference of antibiotic research, October 2014, **“Anti-tuberculous activity of treponemycin produced by *Streptomyces* strain MS-6-6 isolated from Saudi Arabia”** Madrid/ Spain.
- ❑ DUPHAT, 8-10 March, 2015, Dubai, **The influence of polyphenols on the intracellular oxidative stress does not interfere with their potential cytotoxic activity.**
- ❑ 1<sup>st</sup> Pan-American Interdisciplinary Conference (March, 2015), Buenos Aires, Argentina. Poster entitled **“Cytotoxicity assessment for miscellaneous polyphenolic compounds with robust antioxidant activity”**
- ❑ 25<sup>TH</sup> EUROPEAN MEETING ON HYPERTENSION AND CARDIOVASCULAR PROTECTION, MILAN, JUNE 12-15, 2015, **“PSIADIA PUNCTULATA AND GARCINIA MANGOSTANA HAVE POTENT VASORELAXANT ACTIVITY ON ISOLATED RAT AORTA”**
- ❑ 2nd International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf. 2015, 14-17 October 2015, Plovdiv, BULGARIA. **“*Garcinia mangostana* protect from exaggerated vasoconstriction of metabolic syndrome animal”**.
- ❑ 107<sup>th</sup> American Association for Cancer Research, Annual meeting, New Orleans, Louisiana, USA, 2016, **Epicatchin protects from doxorubicin induced cardiotoxicity without affecting its cytotoxic profile in breast cancer cells**

**List of Publications:**

1. Shabana, M.M.; El-Sherei, M.M.; Soliman, A.S.; Abd-Ellah, A.; Moussa, M.Y.; and **Abdallah, H.M.** "Standardization of Khellin and Visnagin Contents and Biological Activities of Two Commercial Preparations Used for Renal Colic " *Bull. Fac. Pharm. Cairo Univ.*, 40, 3, 131- 139, **2002**.
2. Shabana, M.M.; El-Sherei, M.M.; Ahmed. S.E.; Aziz., N; Moussa, M.Y.; and **Abdallah, H.M.** "Study of the Effect of Irradiation on Volatile Oil Content and Microbial Contamination in MEPACO Herbs for Kidney" *Bull. Fac. Pharm. Cairo Univ.*, 41, 1, 171- 183, **2003**.
3. Shabana, M.M.; El-Sherei, M.M.; Moussa, M.Y.; and **Abdallah, H.M.** "Quantitative and Qualitative Microscopy, Detection of Pesticide Residues, Pharmacopoeial Constants and Elemental Analysis of MEPACO Herbs for Kidney" *Bull. Fac. Pharm. Cairo Univ.*, 40, 3, 141- 152, **2003**.
4. Shabana, M.M.; El-Sherei, M.M.; Moussa, M.Y.; and **Abdallah, H.M.** "Study of the Volatile Oil and Lipid Contents of *Carduncellus eriocephalus* Bioss. and *C. mareoticus* Del." *Egyptian Journal of Biomedical Sciences*, 19, 204-215, **2005**.
5. Shabana, M.M.; El-Sherei, M.M.; Moussa, M.Y.; Amani A. Sleem and **Abdallah, H.M.\*** "Investigation of Phenolic Constituents of *Carduncellus eriocephalus* Boiss. var. *albiflora* Gauba and their Biological Activities". *Natural Products Communication* 2, 8, 795-882, **2007**.
6. Shabana, M.M.; El-Sherei, M.M.; Moussa, M.Y.; Amani A. Sleem and **Abdallah, H.M.\*** "Flavonoid constituents of *Carduncellus mareoticus* (Del.) Hanlet and their biological activities". *Natural Products Communication* 3, 5, 779, **2008**.
7. Enas H. Abd-elrahman, Maha M. Salama\*, **Hossam M. Abdallah**, and Amany A. Sleem, Pharmacognostical and Biological Study of *Carya illinoensis* (Wangenh) K. Koch (Juglandaceae), *Egyptian Journal of Biomedical Sciences*, 26, 204-230, **2008**.
8. Ghada A. Fawzy, **Hossam M. Abdallah\***, Mohamed S. A. Marzouk, Fathy M. Soliman, and Amany A. Sleem. Antidiabetic and Antioxidant Activities of Major Flavonoids of *Cynanchum acutum* L. (Asclepiadaceae) Growing in Egypt . *Zeitschrift für Naturforschung C* Vol. 63c, 9/10, 658 – 662, **2008**.

9. Fathy M. Soliman, Mohamed Y. Moussa, **Hossam M. Abdallah**, Samir M. Othman. Cytotoxic Activity of Flavonoids of *Jasonia Montana* Vahl. (Botsch) (Astraceae) Growing in Egypt. Australian Journal of Basic and Applied Sciences, 3(1), 148-152, **2009**.
10. Ali M. El-Halawany, Mi Hwa Chung, **Hossam M. Abdallah**, Tsutomu Nishihara, Masao Hattori. Estrogenic activity of a naringinase-treated extract of *Sophora japonica* cultivated in Egypt. Pharmaceutical Biology, 48(2), 177-181, **2010**.
11. **Hossam M. Abdallah** and Shahira M. Ezzat. Effect of the Method of Preparation on the Composition and Cytotoxic Activity of the Essential Oil of *Pituranthos tortuosus* Z. Naturforsch. 66 c, 143 – 148, **2011**.
12. **Hossam. M. Abdallah**, Maha. M. Salama, Enas H. Abd-elrahman, Shohda. A. El-maraghy. Antidiabetic Activity of Phenolic Compounds from Pecan Bark in Streptozocin-Induced Diabetic Rats. Phytochemistry letters, 4, 337-341, **2011**
13. S.S. Elhawary, M.E. ElTantawy, A.A. Sleem, **H.M. Abdallah** and N.M. Mohamed. Investigation of Phenolic Content and Biological Activities of *Scabiosa atropurpurea* L. World Applied Sciences Journal 15 (3): 311-317, **2011**
14. Hussein Almehdar, **Hossam M. Abdallah**, Abdel-Moneim M. Osman, Essam Abdel-Sattar. *In vitro* Cytotoxic Screening of Selected Saudi Medicinal Plants. **Journal of Natural Medicines** 66: 406-412, **2012**.
15. Shahira M. Ezzat, **Hossam M. Abdallah**, Ghada A. Fawzy, Shohda A. El-maraghy. Hepatoprotective effect of *Torilis radiata* growing in Egypt. Journal of Natural Product Research, 26, 3, 282-285, **2012**.
16. Osama M. Ashour, Ashraf B. Abdel-Naim, **Hossam M. Abdallah**, Ayman A. Nagy, Ahmed M. Mohamadin, Essam A. Abdel-Sattar. Evaluation of the Potential Cardioprotective Activity of Some Saudi Plants against Doxorubicin Toxicity. **Z Natuforsch C.** 67, 297-307, **2012**.
17. Essam A. Abdel-Sattar, **Hossam M. Abdallah**, Alaa Khedr, Ashraf B. Abdel-Naim. Chemical and biological assessment of African olive leaf. (**Research Journal of Pharmaceutical, Biological and Chemical Sciences**, 3(4), 155-172, **2012**).

18. **Hossam M. Abdallah**, Shahira M. Ezzat, Riham Salah El-Dine, Essam A. Abdel-Sattar and Ashraf B. Abdel-Naim Protective effect of *Echinops galalensis* against CCl<sub>4</sub>-induced damage on the Huh7 human hepatoma cell line. (**Phytochemistry, Letters**, 6, 73-78, 2013).
19. **Hossam M. Abdallah**, Abdel-Moneim M. Osman, Hussein Almehdar, Essam Abdel-Sattar. Acylated Pregnane glycosides from *Caralluma quadrangula*. **Phytochemistry**, 88, 54 -60 (2013).
20. **Hossam M. Abdallah**, Mona A. Mohamed, Allia M. Abdou, Manal M. Hamed, Ashraf B. Abdel-Naim, Osama M. Ashour. Protective effect of *Centaurea pallescens* Del. against CCl<sub>4</sub>-induced injury on a human hepatoma cell line (Huh7). **Medicinal Chemistry Research**, 22(12), 5700-5706 (2013) DOI 10.1007/s00044-013-0563-y
21. Allia M. Abdou, **Hossam M. Abdallah**, Mona A. Mohamed, Ghada A. Fawzy and Ashraf B. Abdel-Naim A New Anti-inflammatory Triterpene Saponin Isolated from *Anabasis setifera* **Archive of Pharmacal Research**, 36(2), 715-722 (2013).
22. Essam A Abdel-Sattar, **Hossam M Abdallah**, Alaa Khedr, Ashraf B Abdel-Naim, Ibrahim A Shehata. Antihyperglycemic activity of *Caralluma tuberculata* in streptozotocin-induced diabetic rats. **Food and Chemical toxicology**, 59, 111-117 (2013)
23. Al-Ali- K., El-Beshbishy H.A., Alghaithy A.A., **Abdallah H.**, El-Badry A.A., Abdel-Sattar E. In vitro Antioxidant potential and antiprotozoal activity of methanolic extract of *Mentha longifolia* and *Origanum syriacum*. **Journal of Biological Sciences**, 2013 DOI: 10.3923/jbs.2013.
24. Hossam M. Abdallah, Essam A. Abdel-Sattar, Ashraf B. Abdel-Naim, Osama M. Ashour, and Ibrahim A. Shehata (2014). Anti-Inflammatory activity of selected Saudi Plants **Zeitschrift für Naturforschung** 69C, 1-9, 2014.
25. Essam Abdel-Sattar, Samar M. Mouneir and Gihan F. Asaad, **Hossam M. Abdullah**. Protective effect of *Calligonum comosum* on haloperidol-induced oxidative stress in rat (**Toxicology and Industrial Health**, 30, 2, 147-153, 2014).

26. Ghada Mansour, Soliman Ouda, Ahmed Shaker and **Hossam M. Abdallah**. Clinical efficacy of new aloe vera- and myrrh-based oral muco-adhesive gels in the management of minor recurrent aphthous stomatitis: a randomized, double-blind, vehicle controlled study. **Journal of Oral Pathology and medicine**, 43(6):405-9, 2014.
27. **Hossam M Abdallah**; Ahmed M Al-Abd, Gihan F Asaad; Ashraf B Abdel-Naim, Ali Mahmoud El-Halawany, Isolation of antiosteoporotic compounds from seeds of *Sophora japonica* **PLoS ONE** 9(6): e98559. doi:10.1371/journal.pone.0098559, 2014.
28. Hussam Morad and **Hossam M Abdallah**, Black Tea Extract and its Thearubigins Relieve the Sildenafil-Induced Delayed Gut Motility in Mice: A Possible Role of Nitric Oxide. **Phototherapy Research**, 2014, DOI: 10.1002/ptr.5183.
29. Hussam Morad and **Hossam M Abdallah**, Does curcumin or pindolol potentiate fluoxetine's antidepressant effect by a pharmacokinetic or pharmacodynamic interaction? **Indian Journal of Pharmaceutical Sciences**, 76(3), 203-210, 2014.
30. **Hossam M. Abdallah**, Ahmed M. Al-Abd, Riham Salah El-Dine, Ali M. El-Halawany, P-glycoprotein inhibitors of natural origin as potential tumor chemo-sensitizers: A review. **Journal of Advanced Research**, 6, 45-62, 2015.
31. Mahmoud A. Yassien , **Hossam M. Abdallah** , Ali M. El-Halawany, and Asif A. M., Jiman-Fatani. Anti-Tuberculous Activity of Treponemycin Produced by a *Streptomyces* Strain MS-6-6 Isolated from Saudi Arabia. **Molecules** 2015, 20(2), 2576-2590; doi:[10.3390/molecules20022576](https://doi.org/10.3390/molecules20022576).
32. Sabrin R. M. Ibrahim, **Hossam M. Abdallah**, Ali M. El-Halawany, and Gamal A. Mohamed Naturally occurring thiophenes: isolation, purification, structural elucidation, and evaluation of bioactivities. **Phytochemistry Reviews** 2015.
33. **Hossam M. Abdallah**, Mohamed A. Farag, Samir M. Osman, Da hye Kim, Kyungsu Kang, Cheol-Ho Pan, Essam A. Abdel-Sattar. Isolation of major phenols from *Launaea spinosa* and their protective effect on HepG2 cells damaged with *t*-BHP.

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10.3109/13880209.2015.1052885 10.3109/13880209.2015.1052885.

34. **Hossam M. Abdallah**, Fahad M. Almowallad, Ahmed Esmat, Ibrahim A. Shehata, Essam A. Abdel-sattar. Anti-inflammatory activity of *Chrozophora tinctoria* growing in Saudi Arabia. **Phytochemistry letters** 13 (2015) 74–80.
35. Hossam M. Abdallah, Mohamed A. Farag, Ashraf B. Abdel-Naim, Salah A. Ghareib and Essam A. Abdel-Sattar. Mechanistic Evidence of *Viscum schimperi* (Viscaceae) Antihyperglycemic Activity: From a Bioactivity-guided Approach to Comprehensive Metabolite Profiling. **Phytotherapy Research**, **29**, **2015**, 1737-1743.
36. Mardi M. Algendaby, Ali M. El-halawany, **Hossam M. Abdallah**, Abdulrahman M. Alahdal, Ayman A. Nagy, Osama M Ashour, Ashraf B. Abdel-Naim. Gingerol protects against experimental liver fibrosis in rats via suppression of pro-inflammatory and profibrogenic mediators. **Naunyn-Schmiedeberg's Archives of Pharmacology**, 389 (4), **2016**, 419-428
37. Mardi M. Algendaby, Majid M. Al-Sawahli, Osama A. A. Ahmed, Usama A. Fahmy, **Hossam M. Abdallah**, Osama M Ashour, Ashraf B. Abdel-Naim. Curcumin-zein nanospheres improve liver targeting and antifibrotic activity of curcumin in CCl<sub>4</sub>-induced liver fibrosis in mice. **Journal of Biomedical Nanotechnology**, in press, **2016**.
38. **Hossam M Abdallah**, Hany El-Bassossy, Gamal A Mohamed, Ali M El-Halawany, Khalid Z Alshali, Zainy M Banjar. Phenolics from *Garcinia mangostana* Inhibit Advanced Glycation Endproducts Formation: Effect on Amadori Products, Cross-Linked Structures and Protein Thiols. *Molecules*, 21, 2, **2016**, 251.
39. Sabrin R.M. Ibrahim, **Hossam M. Abdallah**, Gamal A. Mohamed, Samir A. Ross. Integracides H-J: New tetracyclic triterpenoids from the endophytic fungus *Fusarium* sp. *Fitoterapia* 112 (**2016**) 161-167.
40. Hussam Morad, **Hossam Abdallah**, Soad Ali. *Mentha longifolia* protects against acetic acid induced colitis in rats. *Ethnopharmacology* **2016**.