**Curriculum Vitae**

**\*Name:** Hossam Mokhtar Abdel-Azeem Hassan

**\*Nationality:** Egyptian

**\*Date of birth:** 20 / 11 / 1978 (37 years old)

**\*Status:** Married and having two daughters and one son

**\*Current occupation:** Lecturer, Pharmacognosy Department, College of

Pharmacy, Beni-Sueif University, Beni-Sueif, Egypt.

**\*Home address:** Stadium st., Beni-Sueif, Egypt.

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**\*Education:**

 **Bachelor of pharmaceutical sciences** (Excellent with honor), Faculty of pharmacy, Cairo University, Beni-Sueif branch, May, 2000.

 **Master degree of pharmaceutical sciences** (pharmacognosy, natural product chemistry), Faculty of pharmacy, Cairo University, December, 2006, best master thesis in faculty of pharmacy pharmacognosy ,departement.

 **PhD degree of pharmaceutical sciences** (pharmacognosy, natural product chemistry), Faculty of pharmacy, Beni-Suef University, March, 2011.

**\*Language abilities:** Fluent in English (IBT Toefl 62), Poor in French.

**\*Computer abilities:** Good command in Computer skills as Windows, Word, Excel, and PowerPoint. ICDL.

**\*Educational abilities:** Excellent teaching assistant with 15 years experience

(December 2000 up to now).

**\*The following abilities were gained during my Master and PhD degree:**

1. Analytical and preparative HPLC analysais (qualitative and quantitative).

2. GC/MS analysais.

3. LC/MS

4. Spectrophotometric and colorimetric analysis.

5. Natural products isolation and structure elucidation of Flavonoids, Saponins, Sterols and Diterpenoids.

6. NMR, IR and optical rotation management.

7. Molecular Modeling techniques, specially 3D-QSAR and pharmacophore models.

8. Biotransformation using isolated bacteria and fungi.

9. Microbial investigation from marine origin for the production of bioactive secondary metabolite.

10.Chemical derivatization of natural products.

11.Isolation of symbiotic bacteria and fungi from natural sources as well as chemical investigation of their bioactive secondary metbolites.

12.Pharmacological experience including the following models:

- In-vivo models: male fertility activity.

- In-vitro models: antimicrobial.

- Cell culture "anticancer Models"

**\* Awards:**

**1. Best master thesis** in Faculty of Pharmacy, Pharmacognosy Departement, 2006.

**2. The Armor of Excellence** from Egyptian Pharmacists Syndicate, 2007.

**3. The Armor of Excellence** from Egyptian Pharmacists Syndicate, 2012.

**4. Best PhD. thesis in the Department of Pharmacognosy, all over the Pharmacy**

**Faculties, Egypt. 2012**

**\* Field training:**

- Two years training and working in public pharmacies in Egypt.

**\* Educational training:**

- Using technology in teaching.

- Solving problems and taking the decision.

- Thinking skills.

- Communication skills.

- Effective data showing skills.

**\* Membership:**

- Member in the Egyptian Syndicate of Pharmacists.

**\* Publications:**

1- **Hassan H.M**., Khanfar M.A., Elnagar A.Y., Mohammed. R., Shaala L.A., Youssef D.T., Hifnawy M.S., El Sayed K.A.. Pachycladins A-E, prostate cancer invasion and migration inhibitory Eunicellin-based diterpenoids from the red sea soft coral *Cladiella pachyclados*. *J Nat Prod*. **2010**, 28;73(5):848-53.

2- **Hassan H.M**., Elnagar A.Y., Khanfar M.A., Sallam A., Mohammed. R., Shaala L.A., Youssef D.T., Hifnawy M.S., El Sayed K.A. Design and 3D-Quantitative- Structure-Activity Relationship of Semisynthetic Eunicellin-Based Diterpenoids as Prostate Cancer Migration and Invasion Inhibitors. *Eur J Med Chem*. **2011**.

46(4):1122-30.

3- **Hassan HM**, Sallam AA, Mohammed R, Hifnawy MS, Youssef DT, El Sayed KA. Semisynthetic analogues of the marine cembranoid sarcophine as prostate and breast cancer migration inhibitors. *Bioorg Med Chem*. 2011 Aug 15;19(16):4928-34*.*.

**2011**.

4- El-Sayeda A. El-Kashoury, Mona H. Hetta, Nemat Z. Yassin, **Hossam M. Hassan**, Sally A. El-Awdan, Naglaa I. Afifi, Comparative DNA profiling, phytochemical investigation, and biological evaluation of two Ficus species growing in Egypt, ***Pharmacognosy research***, 2013, 5(4), 291-299‏.

5- Mostafa E. Rateba, **Hossam M. Hassan**, El-Shaimaa A. Arafa, Marcel Jaspars and

Rainer Ebel, Decorosides A and B, Cytotoxic Flavonoid Glycosides from the Leaves of *Rhododendron decorum, Natural Product Communications*,2014***,*** 9(4), 473 – 476.

6- **Hossam M Hassan**, David Degen, Kyoung Hwa Jang, Richard H Ebright and William Fenical, Salinamide F, new depsipeptide antibiotic and inhibitor of bacterial RNA polymerase from a marine-derived *Streptomyce*s sp. ***The Journal of Antibiotics***,2015, 68, 206–209

7- **Hossam M Hassan,** Chollaratt Boonlarppradab and William Fenical, Actinoquinolines A and B, anti-inflammatory quinoline alkaloids from a marine-derived *Streptomyces* sp., strain CNP975**, *The Journal of Antibiotics***,2016, 1–4.

8- Eman F. Ahmed, **Hossam M. Hassan**, Mostafa E. Rateb, Noha Abdel-Wahab, Somayah Sameer, Rainer Ebel, Hanan A. Aly Taie, Mohammed S. Abdel Hameed and Ola Hammouda, A Comparative biochemical study on two marine endophytes, *Bacterium SRCnm* and *Bacillus sp. JS*, Isolated from red sea algae, ***Pakistan journal of pharmaceutical sciences****,*2016,29(1), 17-26.

9- Noha A. Mohammed, **Hossam M. Hassan**, Mostafa E. Rateb, Eman F. Ahmed, Usama W. Hawas, Somayah Sameer, Rainer Ebel, Mounir M. El-Safty, Mohammed S. Abdel Hameed, Ola H. Hammouda, Diketopiperazine derivatives from *Enterobacter cloacae* isolated from the Red Sea alga Cystoseira myrica ***Egyptian Pharmaceutical Journal***, 2013,12 (2), 163***‏***-172.

10- Taha A. Hussien, Sayed A. El-toumy**, Hossam M. Hassan,** Mona H Hetta.,Cytotoxic and Antioxidant Activities of Secondary Metabolites from *PulIcaria undulate****, International Journal of Pharmacy and Pharmaceutical Sciences***,2016 accepted in press

11- Elham Amin, Abeer Moawad, **Hossam Hassan,** Biologically-guided isolation of leishmanicidal secondary metabolites from *Euphorbia peplus* L., ***Saudi Pharmaceutical Journal***,2016, doi:10.1016/j.jsps.2016.06.003

12- Seham S. El-Hawary, Rabab Mohammed, Sameh Fekry AbouZid, **Hossam M. Hassan**, Nadia M. Lithy, DNA Fingerprinting, Chemical Composition and Antimicrobial Activity of the Essential Oil isolated from the Fruits of *Serenoa repens* W. Bartram**, *Journal of Biology, Agriculture and Healthcare***,2016, Accepted in press

13- Nashwa Tarek , **Hossam M. Hassan** , Sameh M.M. AbdelGhani, I.A. Radwan , Ola Hammouda , Ahmed O. El-Gendy, Comparative chemical and antimicrobial study of nine essential oils obtained from medicinal plants growing in Egypt, Beni-Suef University Journal of Basic and Applied Sciences, **2014**, 3 (2), 149-156‏.

14- Doaa A. Abdel Rheem1, **Hossam M. Hassan**\*,Sayed A. Ahmed \*and Ahmed H. Elghandour, Investigation and Comparison of Lipid Content and Nutritional Composition of Different Organs of *Brahea armata–* S. Watson*,* Family Arecaceae, Growing in Egypt , Journal of American Science, **2015**,11(9), 87-93.

15- Shimaa A.Ahmed, **Hossam M. Hassan**\*,Sayed A. Ahmed \*and Ahmed H. Elghandour, Comparative Investigation of Minerals, Amino acids, Lipoidal Contents and General Analysis of *Chamaerops humilis* L. Organs Growing in Egypt, Journal of American Science, **2015**,11(9), 94-100.

16- Abeer H. El-Mudomy, **Hossam M. Hassan**\*, Elham Amin, Waleed A. Mohamed and Mona H. Hetta, CHEMICAL COMPOSITION AND *IN VIVO* ANTI-INFLAMMATORY ACTIVITY OF THE LIPID EXTRACT FROM *PREMNA ODORATA* BLANCO CULTIVATED IN EGYPT, World Journal of Pharmacy and Pharmaceutical Sciences, **2016**, 5 (1),129-135.

17- Seham S. El-Hawary, Rabab Mohammed, Sameh Fekry AbouZid,

**Hossam M. Hassan**\* and Marwa A. Taher, CHEMICAL COMPOSITION AND ANTI-MICROBIAL ACTIVITY OF THE LIPOID EXTRACT FROM THE *FRAXINUS**ORNUS* (L.) SEEDS, FAMILY OLEACEA, World Journal of Pharmacy and Pharmaceutical Sciences, **2016**,5 (5),155-162.

**1. Conference publications:**

1- " Chemical Composition and Antimicrobial Investigation of Volatiles Prepared from The Spathe and The Fruits of Phoenix dactylifera L. Variety Sewi Growing in Egypt" is published in **30th International Conference of Pharmaceutical Sciences**, sponsored by The Egyptian Pharmaceutical Society, December 19-21, 2006.

2- " Phytochemical and Biological investigation of The Pollen Grains and The Leaves of Phoenix dactylifera L.Variety Sewi Growing in Egypt " is published in **30th International Conference of Pharmaceutical Sciences**, sponsored by The Egyptian Pharmaceutical Society, December 19-21, 2006.

3- "Bioactive Secondary Metabolites from *Cladiella pachycladous*. Oral presentation. ULM student symposium. Louisiana, Monroe, USA, April, 2009"

4- "Bioactive Secondary Metabolites from *Cladiella pachycladous*. Oral presentation. MALTO conference. Tennessee, Memphis, USA, May, 2009"

5-"Bioactive Eunicellin-Based Diterpenoids From The Red Sea Soft Coral Cladiella pachycladous. Gordon Conference of Marine Natural products. California, March,

2010"

6--"Bioactive Eunicellin-Based Diterpenoids From The Red Sea Soft Coral Cladiella pachycladous. Poster presentation. ULM student symposium. Louisiana, Monroe, USA, April, 2010"

7- MALTO conference, Mississippi, May, 2010, attendant.

8- Toward The Discovering and Optimization of New Anticancer Lead Compounds from Marine Soft Corals. Gordon Conference of Marine Natural products. California, February, 2012"

9- Bioactive Antimicrobial Marine Macro-algae. Assiut University 8th International

Pharmaceutical Sciences Conference Faculty of Pharmacy, Assiut, March, 14th&15th,

2012.

10- Endosymbiotic Bacterial Isolation, Extraction and Antimicrobial Determination

From Selected Marine Organisms Collected From The Red Sea. Assiut University 8th

International Pharmaceutical Sciences Conference Faculty of Pharmacy, Assiut,

March, 14th&15th, 2012.

11- Toward The Discovering and Optimization of New Anticancer Lead Compounds from Marine Soft Corals, Research Gordon Conference on Marine Natural Products, San Diego, CA, USA, Mar, 21-24, 2012.

12- Salinamide F, new depsipeptide antibiotic and inhibitor of bacterial RNA polymerase from a marine-derived *Streptomyces* sp , Research Gordon Conference on Marine Natural Products, San Diego, CA, USA, Feb. 26- Mar.2, 2014.

13- Actinoquinolines A and B, anti-inflammatory quinoline alkaloids from a marine-derived *Streptomyces* sp., strain CNP975, Research Gordon Conference on Marine Natural Products, San Diego, CA, USA, Mar. 6-11, 2016.

 عميد الكليه