

# Ahmed Adel Ashour Mohamed

## CURRENT ADDRESS

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Work address Pharmacognosy Department, Faculty of Pharmacy, Mansoura University, Mansoura, 35516, Egypt.



## PERSONAL

Sex Male  
Marital Status Married  
Nationality Egyptian  
Military state Exempt

## EDUCATION

**2/2017- present** Post doc. Researcher in Kyushu University- Japan.  
**2/2015- 5/2015** Post doc. Researcher in Kyushu University- Japan.  
**03/2014** **Ph.D. in pharmaceutical sciences (Pharmacognosy)** (certificate attached)  
**12/2012- 12/2013** Visiting Researcher in Kyushu University- Japan following Egyptian Government Scholarship to conduct part of my Ph.D. study.  
**11/ 2010- 12/2012** Graduate PhD Student, Department of Pharmacognosy, Faculty of Pharmacy, Mansoura University, Egypt. Title of Ph. D. dissertation “The use of medicinal plant wastes for production of chemicals and pharmaceuticals”.  
**09/2010** **Master in pharmaceutical sciences (Pharmacognosy)** (certificate attached)  
**08/2008-09/2010** Master Degree in Pharmaceutical Science (Pharmacognosy), Faculty of Pharmacy, Mansoura University, Mansoura, EGYPT.  
Title of master dissertation: “Use of agro-waste for production of valuable chemicals and pharmaceuticals”.  
**09/2002-05/2007** Bachelor of Pharmacy, Degree excellent with honor, one of the top students throughout the 5 year-period of study, Faculty of Pharmacy, Mansoura University, Mansoura, EGYPT. (certificate attached)

## WORK EXPERIENCE

**04/2014-present** Lecturer in Pharmacognosy Dept., Faculty of Pharmacy Mansoura University, Mansoura, Egypt

**10/2010-03/2014** Assistant lecturer in Pharmacognosy Dept., Faculty of Pharmacy Mansoura University, Mansoura, Egypt.

**11/2007-09/2010** Demonstrator in Pharmacognosy Dept., Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.

## COMPUTER SKILLS

UNESCO certified **International Computer Driving Licence certificate** (ICDL) which involve the following: 1-Basic Concepts of Information Technology 2-Using the Computer and Managing Files 3-Word Processing 4-Spread Sheets (Excel) 5-Database (Access) 6-Presentation (PowerPoint) 7-Information and Communication (Internet). (certificate attached)

## EQUIPMENT HANDLING

Through my work, I handled a lot of equipments such as HPLC, colorimeter, spectrophotometer, incubator, autoclaves, oven, water bathes, shakers, centrifuges, laminar flow, light microscopes and infra red instruments.

## RESEARCH SKILLS

1. Handling of microorganisms.
2. Performing different biotransformation reaction.
3. Quantitative estimation of different constituents in the culture filtrate using colorimeter and spectrophotometer.
4. Isolation and purification of active constituents of different extracts using column chromatography.
5. Biological assays of antioxidant, antimicrobial, anticancer activity of different compounds.
6. Identification of the isolated compounds by different spectroscopic methods as  $^1\text{H}$  and  $^{13}\text{C}$ -NMR, IR, UV.
7. Handling of experimental animals
8. Collection of blood samples from experimental animals and separation of serum samples.

## LANGUAGE PROFICIENCY

Arabic	Mother tongue
English	Excellent (Reading, Writing, Speaking, Listening) International <b>TOEFL iBT</b> (Score 80)
French	Fair
Japanese	Fair

## RESEARCH INTERESTS

1. Biotransformation of medicinal plant wastes into valuable chemicals and pharmaceuticals using two stage fermentation protocol.
2. Phytochemical investigation of medicinal plant wastes for purification and isolation of different active constituents of these wastes.
3. Derivatization of these active constituents into biologically active compounds using microorganisms

## TRAINING

- Time and Stress Management training course, Mansoura University, Mansoura, Egypt.
- Effective communication skills training course, Mansoura University.
- Effective Teaching Skills training course, Mansoura University.
- Behaviors of the profession training course, Mansoura University.
- Ethics of scientific research, Mansoura University.

## PROFESSIONAL SKILLS

- Good scientific knowledge in all fields of Pharmacy and Drugs.
- Good medical information
- Good experience in prescribing OTC drugs and very good knowledge about Egyptian and some international market drugs.
- Good presentation skills using PowerPoint data show and overhead projector.
- Good ability to write a report (handwritten or using MS office programs).
- Good time and money management.
- Good communication skills.
- High creative thinking.

## PUBLICATION IN PEER-REVIEWED JOURNALS

- 1- Amer, M., El-Sharkawy, S., Marzouk, A., **Ashour, A.**; "Chemical Constituents of Corncobs" *Journal of Environmental Science*, 40 (2), 251-258 (2011)
- 2- Amer, M., El-Sharkawy, S., Abdel Bar, F., **Ashour, A.**; "Phytochemical investigation of unused parts of *Hibiscus Sabdariffa*" *Journal of American Science*, 8 (12), 29-35 (2012).
- 3- **Ashour, A.**, El-Sharkawy, S., Amer, M., Abdel Bar, F., Mera, A., Nagata, T., Kondo, R., Shimizu, K.; "Biotransformation of khellin to khellol by *Aspergillus niger* and the Evaluation of their Biological activities" *The Open Bioactive Compounds Journal*, 4, 1-3 (2013)
- 4- **Ashour, A.**, El-Sharkawy, S., Amer, M., Abdel Bar, F., Kondo, R., Shimizu, K.; "Melanin Biosynthesis Inhibitory Activity of Compounds Isolated from unused parts of *Ammi visinaga*" *Journal of Cosmetics, Dermatological Sciences and Application*, 3 (3B), 40-43 (2013).
- 5- **Ashour, A.**, Amer, M., Marzouk, A., Shimizu, K., Kondo, K., El-Sharkawy, S.; "Corncobs as a Potential Source of Functional Chemicals" *Molecules*, 18 (11), 13823-13830 (2013).
- 6- **Ashour, A.**, El-Sharkawy, S., Amer, M., Abdel Bar, F., Katakura, Y., Miyamoto, T., Toyota, N., Hai Bang, T., Kondo, R., Shimizu, K.; "Rational design and synthesis of topoisomerase I and II inhibitors based on oleanolic acid moiety for new anti-cancer drugs" *Bioorganic and Medicinal Chemistry*, 22 (1), 211-220 (2014).
- 7- **Ashour, A.**, El-Sharkawy, S., Amer, M., Marzouk, A., Awad, A., Kishikawa, A., Ohzono, M., Kondo, K., Shimizu, K.; "Production of citric acid from Corn cobs with its biological evolution" *Journal of Cosmetics, Dermatological Sciences and Application*, 4 (3), 141-149 (2014).
- 8- Kishikawa, A., **Ashour, A.**, Zhu, Q., Yasuda, M., Ishikawa, H., Shimizu, K.; "Multiple biological effects of olive oil by-products such as leaves, stems, flowers, olive milled waste, fruit pulp, and seeds of the olive plant on skin" *Phytotherapy Research*, 29, 877-886 (2015).
- 9- Tan, H., **Ashour, A.**, Katakura, Y., Shimizu, K.; "A structure-activity relationship study on antiosteoclastogenesis effect of triterpenoids from the leaves of loquat (*Eriobotrya japonica*)" *Phytomedicine*, 22, 498-503 (2015).

- 10- Zaki, A., **Ashour, A.**, Mira, A., Kishikawa, A., Nakagawa, T., Zhu, Q., Shimizu, K.; “ Biological activities of oleanolic acid derivatives from *Calendula officinalis* seeds” *Phytotherapy Research*, 30 (5), 835-841(2016).
- 11- Amen, Y., Zhu, Q., Hai Bang, T., Afifi, M., Halim, A., **Ashour, A.**, Mira, A., Shimizu, K.; “ Lucidumol C, a new cytotoxic lanostanoid triterpene from *Ganoderma lingzhi* against human cancer cells” *Journal of Natural Medicines*, 70, 661-666 (2016).
- 12- Amen, Y., Zhu Q., Afifi, M., Halim, A., **Ashour, A.**, Shimizu, K.; “New cytotoxic lanostanoid triterpenes from *Ganoderma lingzhi* ” *Phytochemistry letter*, 17, 64-70 (2016).
- 13- Elbermawi, A., Sallam, A., **Ashour, A.**, Ebrahim, W., Lahloub, M., Saa, H.; “Biologically Active Metabolites from *Penicillium* sp., An Endophyte Isolated from *Glaucium arabicum*” *Journal of American Science*, 12, 33-41 (2016).
- 14- Sallam, A., Mira, A., **Ashour, A.**, Shimizu, K.; “ Acetyl choline esterase inhibitors and melanin synthesis inhibitors from *Salvia officinalis*” *Phytomedicine*, 23 (10), 1005-1011 (2016).
- 15- Horiba, H., Nakagawa, T., Zhu, Q., **Ashour, A.**, Watanabe, A., Shimizu, K.; “Biological Activities of Extracts from Different Parts of *Cryptomeria japonica*” *Natural Product Communication*, 11(9), 1337-1342 (2016).
- 16- Amen, Y., Zhu, Q., Tran, H., Afifi, M., Halim, A., **Ashour, A.**, Shimizu, K.; “Partial contribution of Rho-kinase inhibition to the bioactivity of *Ganoderma lingzhi* and its isolated compounds: insights on discovery of natural Rho-kinase inhibitors” *Journal of Natural Medicines*, 71 (2), 380-388 (2017)
- 17- Amen, Y., Arung, E., Afifi, M., Halim, A., **Ashour, A.**, Fujimoto, R., Goto, T., Shimizu, K.; “Melanogenesis inhibitors from *Coix lacryma-jobi* seeds in B16-F10 melanoma cells” *Natural Product Research*, 31 (23), 2712-2718 (2017).
- 18- Amen, Y., Arung, E., Afifi, M., Halim, A., **Ashour, A.**, Shimizu, K.; “Rho-kinase inhibitors from *Adlay* seeds” *Natural Product Research*, Accepted (2017).
- 19- Lahloub, M.F., Amer, M., Zaki, A., **Ashour, A.**, Amen, Y., Samara, R.; “Bioactive compounds from *Malva rotundifolia* L.” *World Journal of Pharmaceutical Science*, 5(8), 171-176 (2017).
- 20- Satria, D., Amen, Y., Niwa, Y., **Ashour, A.**, Allam, A., Shimizu, K., “Lucidumol D, a new lanostane-type triterpene from fruiting bodies of Reishi (*Ganoderma lingzhi*) ” *Natural Product Research*, Accepted (2018).
- 21- Taga, Y., Hayashida, O., **Ashour, A.**, Amen, Y., Kusubata, M., Ogawa-Goto, K., Shimizu, k., Hattori, S.; “Characterization of Angiotensin-Converting Enzyme Inhibitory Activity of X-Hyp-Gly-Type Tripeptides: Importance of Collagen-Specific Prolyl Hydroxylation” *Journal of Agricultural and Food Chemistry*, Accepted (2018).
- 22- **Ashour, A.**, Amen, Y., Nakagawa, T., Niwa, Y., Mira, A., Ohnuki, K., Murakami, S., Imao, M., Shimizu, K.; “A New aliphatic ester of hydroxy salicylic acid from fermented *Carica papaya* L. preparation with a potential hair growth stimulating activity” *Natural Product Research*, Accepted (2018).

## CONFERENCE

- 1- **Ashour, A.**, El-Sharkawy, S., Amer, A., Marzouk, A., Kondo, R., Shimizu, K.; “Corncobs as a Potential Source of Functional Chemicals” 20<sup>th</sup> Annual meeting of the Japan Wood Research Society (Kyushu Branch)- 2-3/9/2013-Fukuoka, Japan.

- 2- **Ashour, A.**, El-Sharkawy, S., Amer, M., Abdel Bar, F., Katakura, Y., Miyamoto, T., Toyota, N., Hai Bang, T., Kondo, R., Shimizu, K.; "Synthesis and Anti-proliferative activity of some oleanolic acid derivatives as potent topoisomerase inhibitors" The fifth international symposium of Indonesian wood Research Society (IWoRS)- 7-8/11/2013- Balikpapan, Indonesia.
- 3- Zaki AA, Ali Z, El-Amier YA, **Ashour A**, Oluwasesan BM, Jain S, Tekwani B, Khan IA; "Antiprotozoal activity of some Egyptian plants" ICSB-Abstracts of the Joint Meeting of 16th Annual International Conference on the Science of Botanicals (ICSB) with 5th Interim American Society of Pharmacognosy (ASP) 11 –14. April 2016 Oxford, Mississippi.
- 4- Thoa N, **Ashour A**, Allam A, Niwa Y, Hiromatsu K, Shimizu K; "Isolation and Identification of anti-allergic compounds in the fruiting body of Pholiota adipose mushroom" The 10<sup>th</sup> Vietnam- Japan Scientific Exchange Meeting (VJSE 2017)-9-10/9/2017- Tokyo, Japan.
- 5- **Ashour A**, Allam A, Amen Y, Shimizu K; "Three new Erinacerins from the fruiting bodies of Hericium erinaceums" 68<sup>th</sup> Annual meeting of the Japan Wood Research Society- 14-16/3/2018-Kyoto, Japan.

## **SUPERVISION OF DISSERTATIONS:**

1. [Yhiya M. Amen](#), Ph.D., Mansoura University, Mansoura, Egypt. "**Discovery of Natural Rhokinase Inhibitors** " Finished.

## **Other:**

Associate Editor of Mansoura Journal of Environmental Sciences