



## Curriculum Vitae

- **Name:** Lotfy Diab Ismail
- **Title:** Professor
- **Department:** Pharmacognosy
- **E-mail:** Lotfy.Diab@su.edu.eg

### A) Academic Qualifications:

- Bachelor's Degree in Pharmaceutical sciences      University: Zagazig      Year: 1985
- Master's Degree in Pharmacognosy      University: Al-azhar      Year: 1992
- Ph.D in Pharmacognosy      University: Colorado state university and Al-azhar university      Year: 1996

- **Other Qualifications:** Diploma in Medicinal Plants 1/9/1987

### • **B) Academic promotions :**

- Demonstrator,      Date: 3/12/1986
- Assistant Lecturer,      Date: 27/7/1992
- Lecturer,      Date: 5/6/1996
- Assistant Professor,      Date: 10/3/2000
- Professor      Date: 10/9/2007

### **C) Scientific Merit:**

- <https://scholar.google.com/citations?hl=ar&user=FXBceYQAAAAJ>

Citations: 446

h-index: 7

i10-index: 5

### **D) Academic Administrative Experiences:**

1- Head of Pharmacognosy Department Al-Azhar University, Cairo, Egypt

2- Vice Dean for Post graduate studies and research Al-Azhar University, Cairo, Egypt

3- Dean faculty of Pharmacy Al-Azhar University, Cairo, Egypt

4- Dean faculty of Pharmacy Sinai University, Arish branch, Egypt

### **E) Scientific Activities**

#### **1: Membership of Professional Organizations and Scientific Societies**

- 1- Member of pharmaceutical Studies committee of the supreme Council of Universities From 2018 till 2023.
- 2- Member of American Society of Pharmacognosy.
- 3- Member of Egyptian Society of Biotechnology.
- 4- Member of Egyptian Society of clinical chemistry.
- 5- Member of Egyptian Society of Pharmacognosy.

#### **2: Training Courses/workshops:**

- 1- Change management program at Al-Azhar Center for Development and Training.
- 2- Motivation program at Al-Azhar Center for Development and Training.
- 3- Effective Communication Skills at Al-Azhar Center for Development and Training.
- 4- Time management program at Al-Azhar Center for Development and Training.
- 5- Teamwork program at Al-Azhar Center for Development and Training.
- 6- Strategic planning at Al-Azhar Center for Development and Training.
- 7- Leadership program at Al-Azhar Center for Development and Training.
- 8- Crisis management at Al-Azhar Center for Development and Training.
- 9- Effective delegation Skills at Al-Azhar Center for Development and Training.

### 3: Conferences, Seminars and Workshops:

- **Conferences**

- 1) Oral presentation at American Society of Pharmacognosy (ASP) 36th Annual meeting July 23-27, 1995, at University of Mississippi, Oxford, Mississippi. "Novel iridoid glycosides From Egyptian Thunbergia grandiflora".
- 2) Presentation at "Natural products chemistry symposium" at Colorado State University at Boulder May 24-26, 1995.
- 3) Presentation at Jordanian Pharmaceutical Conference 1994 Amman. Jordan "Phytochemical Investigation and Hypoglycemic Activity of Cleome drosserifolia Forssk Del. growing in Egypt".
- 4) Presentation and Lecture about theory of chromatography and HPTLC at Ramses Hilton as a main speaker. By DESAGA German Company. October 13, 1999, Cairo-Egypt.)
- 5) Scientific committee of the "first African conference of Medicinal plants" held in Al-Fateh University, Libya 21-23 Oct. 2000.
- 6) Presentation and contribution by a paper at the "first African conference of Medicinal plants" held in Al-Fateh University, Libya 21-23 Oct. 2000.
- 7) Presentation and contribution by a paper at the "Alexandria Second International conference of Pharmaceutical Sciences and Technology". Alexandria, Egypt 25-27/10/2000.
- 8) Committee and contribute by a paper at the "Al-Azhar 3rd International Conference for Pharmaceutical and Biological Sciences". Held at Air Defense House, Cairo, Egypt, December 16-18, 2003.
- 9) Presentation and contribution by paper at the "5th International Scientific Conference" 25-27 March 2003 (Science, development & Environment) Al-Azhar University, Faculty of Science.
- 10) Presentation and contribution by a paper at the "24th Conference of Arab Pharmacists Union) Algeria, April 15-17, 2001
- 11) Presentation and contribution by a paper at the "53rd scientific congress"(International Meeting) the Egyptian Society of Clinical Chemistry" Marriot Hotel. December 10-11, 2005, Cairo-Egypt.)
- 12) Presentation and contribution by two papers at the. "Al-Azhar 4th International Conference for Pharmaceutical and Biological Sciences". Air Defense House, Cairo, Egypt, February 13-15, 2006.
- 13) Al-Azhar 5th. International Conference of Pharmaceutical Sciences and Drug Industries AICPD 2017, Tia Heights, Makadi, Hurghada, Egypt.
- 14) Chairperson of Al-Azhar 6th. International Conference of (new prospective in Pharmaceutical Sciences Held at Al-Azhar conference center, Cairo, Egypt, September 10-12, 2022.

- **Scientific projects**

Researches at anti-TB activity of some natural compounds isolated from Project

1) Project for researches at anti-TB activity of some natural compounds isolated from Acanthaceae plants growing in Egypt (e.g. iridoids, alkaloids and Lignans) With Prof. Frank R. Stermitz CSU (Colorado State University) USA.

2) Project for research at antimicrobial activity of some natural compounds isolated from Argemone plants growing in Al Soda Mountains KSA.

4: Teaching Scopes:

1) Teaching courses of Pharmacognosy, Applied Pharmacognosy and Phytochemistry for undergraduate students in Al-Azhar (boys and girls), King Khalid university (boys and girls) KSA, Al Fateh University Libya. Ain Shams, and (MIU) Universities. (1987-till now)

2) Teaching courses of Advanced Chromatography and 2-D.NMR for postgraduate students in Al-Azhar (boys and girls), King Khalid university (boys and girls) KSA, and Al-Fateh University Libya.

3) Teaching a HPLC theoretical and practical course in Dept. of Pharmacognosy Ain Shams University.

## **F) Scientific Publications:**

### **-International journals**

1) Lotfy D. Ismail, Mohamed M. El-Azizi, Taha I. Khalifa and Frank R. Stermitz. "Verbascoside derivatives and Iridoid glycosides from *Penstemon crandallii*" "Phytochemistry" Vol. 39, No. 6, pp. 1391-1393 (1995).

2) Lotfy D. Ismail, Mohamed M. El-Azizi, Taha I. Khalifa and Frank R. Stermitz. "Iridoid Glycosides from *Thunbergia grandiflora*" "Phytochemistry" Vol. 42, No.4, pp. 1223-1225 (1996).

3) Lotfy D. Ismail, Peter Lorenz and Frank R. Stermitz. "Isolation and synthesis of an  $\alpha$ -malamic acid derivatives from *Justicia ghiesberghtiana*" "Journal of Natural Products" Vol. 61, No.9, pp. 1174-1176 (1998).

4) Peter Lorenz, Frank R. Stermitz and Lotfy D. Ismail. "An amide of L-threo- $\gamma$ -hydroxy glutamic acid from *Justica ghiesberghtiana*" "Phytochemistry" Vol. 52, pp. 63-66 (1999).

- 5) Lotfy D. Ismail. "Two Benzoxazine gluco-alkaloids from *Acanthus mollis* leave as well as its antiviral and cytotoxicity". "Alexandria Second International conference of Pharmaceutical Sciences and Technology". Alexandria, Egypt 25-27/10/2000.
- 6) Lotfy D. Ismail "Isolation and Identification of a gluco- alkaloid from *Acanthus mollis* as well as its biological activity" "Al-Azhar 3rd International Conference for Pharmaceutical and Biological Sciences". Air Defense House, Cairo, Egypt, December 16-18, 2003.
- 7) Lotfy D. Ismail, Wael, Atef El Hela, Faisal Al-Khadrawy and Hazem A.Kadry. "Phytochemical and biological investigation of *Verbena supine* family Verbenaceae growing in Egypt." "Al-Azhar 4<sup>th</sup>. International Conference for Pharmaceutical and Biological Sciences". Air Defense House, Cairo, Egypt, February 13-15, 2006.
- 8) Lotfy D. Ismail, Arafa K. Awwad and Said K. Ismail "Phytochemical and biological investigation of *Myoporum acuminatum* (R.Br.) family Myoporaceae cultivated in Egypt." "Al-Azhar 4<sup>th</sup>. International Conference for Pharmaceutical and Biological Sciences". Air Defense House, Cairo, Egypt, February 13-15, 2006.
- 10) Mohammed, H. S., Taha, E. F., Mahrous, F. S., Sabour, R., Abdel-Aziz, M. M., & Ismail, L. D. (2023). Antimicrobial and antiviral evaluation of compounds from *Holoptelea integrifolia*: in silico supported in vitro study. RSC advances, 13(46), 32473-32486.
- 11) M. R. Hussein, M. E. Abouelela, R. A. Abdelhamid, K. S. Hassanin, and L. D. Ismail, "Phytochemical Analysis and Therapeutic Evaluation of *Ehretia anacua* Against Streptozotocin-Induced Diabetes in Rats." Egyptian Journal of Chemistry. 2024.
- 12) M. M. Younes, H. K. Assaf, A. E. Raslan, H. Alrefaey, and L. D. Ismail, "Chemical investigation, antioxidant, anti-inflammatory and antidiabetic activities of *Maclura spinosa* (Willd.) CC Berg: In-vitro and in-vivo studies." Egyptian Journal of Chemistry. 2024.

### - National journals

- 1) Lotfy D. Ismail, Hassan A. Ammar, Taha I. Khalifa and Hazem A. Kadry "Phytochemical Investigation and Hypoglycemic Activity of *Cleome drosserifolia* Forssk Del. growing in Egypt". "Jordanian Pharmaceutical Conference" Amman. Jordan, March 14-15 (1994)
- 2) Lotfy D. Ismail and Mohamed E. Tantawy. "Macro and Micro-morphological as well as Phytochemical studies of *Acanthus mollis* L. Acanthaceae". "Al-Azhar Journal of Pharmaceutical Sciences" Vol. 23, pp. 97-109 (1999).
- 3) Lotfy D. Ismail. "Colorimetric, NMR and Anti-T. B Screening of Phenyl ethanoids and alkaloids of five Acanthaceous plants as well as isolation and structure elucidation of an alkaloid". "African conference for Medicinal plants". Tripoli, Libya at 21-23/10/2000 Oral Presentations.
- 4) Lotfy D. Ismail. "3-Methoxy Vasicinone An alkaloid was isolated for the first time from *Eranthemum nervosum* Acanthaceae". "Al-Azhar Journal of Pharmaceutical Sciences" Vol. 22, pp. 293-296 (2001).
- 5) Lotfy D. Ismail, Abd El Salam El Sowaeh and Taha I. Khalifa" Isolation and Identification of two Flavonoid glycosides from the flowers of *Olea-europea* Family Oleaceae.Growing in Libya "24th Conference of Arab Pharmacists Union) Algeria, April 15-17, 2001
- 6) Mohamad M. El-Hamouly, Lotfy D. Ismail, Hassan A. Ammar and Arafa K. Awaad."Phytochemical and Botanical Investigation of *Myoporum acuminatum* (G) Foster, cultivated in Egypt." Bulletin of Faculty of Science, Al-Azhar University." Proceedings of the 5th Int. Sci. Conf. 25-27 March 2003 pp357-36
- 7) Lotfy D. Ismail and Atef el Hela "Flavone - C- Glucosides from *Sequoia Sempvervrens* Leaves Cultivated in Egypt" "Egypt. J. Biomed. Sci. " Vol. 14, pp. 76-83 (2004).
- 8) Rawah H. El-Kosy, Lotfy D. Ismail, Omayma D.El-Gindy, Zeinab N.Said and Kouka S. Abdel Wahab. "Phytomedicine: Anti Influenza A virus activity of three herbal extracts" 53rd scientific congress (International Meeting) Cairo Marriot Hotel. December 10-11, 2005, Cairo-Egypt.
- 9) Lotfy D. Ismail" Comparative Phytochemical and Antimicrobial study of *Cupressus sempervirens* growing in Egypt and Libya."Al Azhar Journal of Natural product" vol. 9. pp 63-71 (2005).

- 10) Rawah H.Alkosal, Zinab Nabil and Koka Said Aldin, Omaira El Gindy and , Lotfy D. Ismail "Phytomedicine: Anti Influenza A virus activity of three herbal extracts" Egyptian Journal of Virology" Vol.2. pp 21-39 (2005)
- 11) Lotfy D. Ismail, Arafa K Awaad and Said K. Ismail. "Flavonoids, Phenylethanoids and Iridoids from *Myoporum acuminatum* (R. Br.) leaves cultivated in Egypt". "Al-Azhar Journal of Pharmaceutical Sciences" Vol. 22, pp. 30-41 (2006).
- 12) Lotfy D. Ismail "Phytochemical and Biological Study of *Justicia Secunda* Vahl. Cultivated In Egypt" "Al Azhar Journal of Natural product" vol. 9. pp 50-62 (2005).
- 13) Lotfy D. Ismail "Isolation and Identification of a Succinic acid derivative from *Justicia ghiesbreghtiana* as well as anti-influenza virus A activity of the plant extract." "Al Azhar Journal of Natural products" vol. 11. pp 21-27 (2007).
- 14) Faisal Alkhdrawy, Lotfy D. Ismail, Eman Hagag and Mohammed Hosny "Phytochemical constituents from *Kickxia aegyptiaca* and their cytotoxic and antioxidant." "Al Azhar Journal of Natural products" vol. 11. pp 1-12 (2007).
- 15) Lotfy D. Ismail Isolation and Identification of Another Succinic acid derivative from *Justicia ghiesbreghtiana* as well as anti-influenza virus A activity of the plant extract. 5th.College research day, Faculty of Medicine, King Khalid University (2009)
- 16) Ismail L.D. Isolation and identification of flavonoids with antiviral activity from some acanthaceous plants cultivated in Egypt Poster the 6th.annualscientific research day, King Khalid University, May 2010
- 17) Ismail L.D. and Ibrahim Y. M Phytochemical and microbiological studies on different extracts from *Argemone Mexicana* L growing in AlSoda Mountains, Asir region KSA Poster the8th.annualscientific research day, King Khalid University, May 2012
- 18) Ibrahim Y. M, Naser T.,and Ismail L.D. Antibacterial activity of synthetic thiazle derivative against clinical isolates of methicillin-resistant *Staphylococcus aureus* Poster the9th.annualscientific research day, King Khalid University, May 2013

- 19) Ismail L.D. and Ibrahim Y. M. Phytochemical and microbiological studies on different extracts from *Argemone Mexicana* L growing in AlSoda Mountains, Asir region KSA. 2014 *Az J pharm Sci.* 49: pp 133-134.
- 20) Ahmed M. Othman, Wael M. Afifi, Mohamed Abdelraouf, and Lotfy D. Ismail Phytochemical and Biological investigation of *Justicia spicigera* Schltld. Acanthaceae cultivated in Egypt. Al-Azhar 5th. International Conference of Pharmaceutical Sciences and Drug Industries AICPD 2017, Tia Heights, Makadi, Hurghada, Egypt.
- 21) Taha A. Kedra, Mostafa Hegazy, Abdelsalam Ibrahim and Lotfy D. Ismail Biological investigation of *Barleria cristata* Belonging to family Acanthaceae cultivated in Egypt. Al-Azhar 5th. International Conference of Pharmaceutical Sciences and Drug Industries AICPD 2017, Tia Heights, Makadi, Hurghada, Egypt.
- 22) Mohammed A. Zaki, Mostafa Hegazi, Lotfy D. Ismail and Hazem A. Kadry Phytochemical and Biological investigation of *Dovyalis caffra* Family Salicaceae cultivated in Egypt. Al-Azhar 5th. International Conference of Pharmaceutical Sciences and Drug Industries AICPD 2017, Tia Heights, Makadi, Hurghada, Egypt.
- 23) Fatma S. Abd El-Aal, Hala Sh. Mohammed, Mona H. Ibrahim and Lotfy D. Ismail “Chemical profiling of polyphenols in *Thunbergia alata* and in silico virtual screening of their antiviral activities against COVID-19” *Azhar Int J Pharm Med Sci* Vol 1 (2): 94-100 (2021)
- 24) Mahrous, F. S. M., Mohammed, H., & Sabour, R. (2021). LC-ESI-QTOF-MS/MS of *Holoptelea integrifolia* (Roxb.) Planch. leaves and In silico study of phenolic compounds' antiviral activity against the HSV1 virus. *Azhar International Journal of Pharmaceutical and Medical Sciences*, 1(3), 91-101.

## **H) Skills**

- Language Skills: V.Good in Arabic, English and French
- Computer Skills: V.Good
- Presentation skills: V.Good