

## CURRICULUM VITAE



**Adel Shaban Azab, Ph.D.**

### **PERSONAL DATA**

**Date of Birth:** January 3, 1968  
**Place of Birth:** Egypt  
**Citizenship:** Egyptian  
**Status:** Married with three children  
**E-mail Address:** adelazaba@hotmail.com or [adelazab@ksu.edu.sa](mailto:adelazab@ksu.edu.sa)  
**Present Job** Assistant Prof. of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.  
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## SCIENTIFIC QUALIFICATION:

- May 2001:** Ph.D in Organic Chemistry, Faculty of Pharmacy, Al-Azhar University , Nasr City, Cairo. (Channel System Program at Tohoku University, with Prof. Kunio Ogasawara, Pharmaceutical Institute, Sendai, Japan).  
**Title:** Enantiocontrolled synthesis of Physiologically Active natural Products.
- Septemper 1997:** M.Sc. in Organic Chemistry, Faculty of Pharmacy, Al-Azhar University, Nasr City, Cairo.  
**Title:** Synthesis of Some New 4(3H)-Quinazoline Derivatives for Expected Antimicrobial Activity.
- May 1990:** B.Sc. in Pharmaceutical Sciences, Al-Azhar University, Cairo, Egypt (Honour Graduate).

## OCCUPATIONAL BACKGROUND:

- Oct 2004-Present:** Assistant Prof. of Pharmaceutical Chemistry, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia.
- 2001 - Oct. 2004:** Lecturer of Organic Chemistry, Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt.
- 1998 - 2000:** Scientific Mission to Tohoku University at Prof. Kunio Ogasawara's Pharmaceutical Institute, Sendai, Japan. Ph.D. grant awarded by the Egyptian Ministry of High Education and Supported by the Egyptian Government According to the Channel System.
- 1997 - 1998:** Assistant Lecturer of Pharmaceutical Chemistry, Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt.
- 1992 - 1997:** Demonstrator of Pharmaceutical Chemistry, Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt.

## DISSEMINATION OF RESULTS:

### 1. LIST OF RECENT PUBLICATIONS:

1. Synthesis, Analgesic & Anti-inflammatory Evaluation of Some New 4-(3H)-Quinazoline Derivatives. Adel S. El-Azab, Adnan A. Kadi, Ahmed M. Alafeefy and , S.G. Abdel Hamide. Eur. J. Med. Chem. ( in press).
2. Synthesis of Some New Substituted 2-Mercaptoquinazoline Analougs as Potential Antimicrobial Agentes. Adel. S. El-Azab, Phosphorous,Sulphur, Silicon and Related Compounds. 2007, 182, 333-346.
3. Synthesis of Some New 4-(3H)-Quinazoline Analogues and Their Antimicrobial Activity. Adel S. El-Azab, Adnan A. Kadi, Ahmed M. Alafeefy and , S.G. Abdel Hamide. Az. J. Pharm. Sci. ,2006,34,147-159.
4. Synthesis and Anticonvulsant Activities of Some New Substituted 2-Mercapto-4(3H) Quinazolinone. Adnan A. Kadi, Adel S. El-Azab, Ahmed M. Alafeefy and , S.G. Abdel Hamide. Az. J. Pharm. Sci. ,2006,34,135-146.
5. Synthesis of Some New 4-(3H)-Quinazolinee Analouges as Potential Antioxidant Agentes. M.A.El-Omar, Adel S. El-Azab, H.a. El-Obeid, S.G. Abdel Hamide. J. Saudi Chem.Soc., 2006, 10, 113-128.
6. Synthesis and Microbiological Testing of Some new Derivatives of Compounds Containing Active Methylene Group. A.A.El-Helby, M.A. Amin, M.M. El-Sawah, A.A,Bayomi, Adel S.El-Azab and F.F. Sherbiny. J. Saudi Chem. Soc., 2006, 10, 77-94.
7. Synthesis of 7- Substituted Oxymethyl-3-Methyl-6,8-Dioxabicyclo [3.2.1]Octa-2-one as a Key Intermediate for the Synthesis of Natural Products. Adel S. El-Azab. Az. J. Pharm. Sci., 2005,32,97.
8. A new Route to (-)-Aphanorphine using A Dioxabicyclo [3,2,1] octane Chiral Building Block. Adel S. El-Azab, T. Taniguchi, and Kunio Ogasawara. Heterocycles, 2002, 56, 39-43.
9. An Expedient Route to the Calabar Bean Alkaloids (-)-Physovenine and (-)-Physostigmine. Adel S. El-Azab, T. Taniguchi, and Kunio Ogasawara. Org. Lett., 2000, 2, 2757-2759.
10. Lipase-Mediated Preparation of Enantiopure Isolevoglucosenone. K. Kadota, Adel S. El-Azab , T. Taniguchi and Kunio Ogasawara. Synthesis, 1999, 8, 1372-1374.

11. Deprotection of Tetrahydropyranyl Ether with Montmorillonite K-10 Clay in Methanol. T. Taniguchi, K. Kadota, Adel S. El-Azab and Kunio Ogasawara. *Synlett*, 1999, **8**, 1247-1248.
12. Lipase-Mediated Preparation of Sugar Building Blocks. T. Taniguchi, M. Takeuchi, K. Kadota, Adel S. El-Azab and Kunio Ogasawara. *Synthesis*, 1999, **8**, 1325-1330.
13. Synthesis of Some New Heterocyclic System Bearing 2-Ethyl-6-Iodo-4(3H) Quinazolinone-3-yl Moiety as Antimicrobial Agents. M. A. Aziza, M. W. I. Nassar, S. G. Abdel Hamid, A. E. El-Hakim and Adel S. El-Azab. *Az. J. Pharm. Sci.* 1998, **21**, 65-74.
14. Synthesis and Antimicrobial Activities of Some New-3-Heteroaryl-quinazoline-4-one. M. A. Aziza, M. W. I. Nassar, S. G. Abdel Hamid, A. E. El-Hakim and Adel S. El-Azab. *Indian Journal of Heterocyclic Chemistry*, 1996, **6**, 25-30.
15. Synthesis of 2-Ethyl-6-Iodo-3-Aryl-4(3H)-Quinazolone Derivatives for Antimicrobial Testing. M. A. Aziza, M. W. I. Nassar, S. G. Abdel Hamid, A. E. El-Hakim and Adel S. El-Azab. *Az. J. Pharm. Sci.* 1995, **16**, 125-131.

## II. PROFESSIONAL MEETINGS AND CONFERENCES

- Al-Azhar First International Conference on Recent Advances in Pharmaceutical Technology and Biological Sciences. Adel S. El-Azab Dec. 19-21-1995, Cairo, Egypt.
- 19<sup>th</sup> ACS National Meeting, San Francisco, CA March 26-30, 2000. Catalytic and Enzymatic Preparation of Levoglucosenone Type Chiral Building Blocks. Kunio Ogasawara, Taniguchi, M. Takeuchi, K. Kadota, Adel S. El-Azab and T. Kurusu. Division of Carbohydrate Chem. Page. 39 (ORAL PRESENTATIONS).
- 8<sup>th</sup> International Kyoto Conference in New Aspect of Organic Chemistry (IKCO-8), July 2000, Kyoto, Japan. A New Enantiocontrolled Route to the Calabar Alkaloids. Adel S. El-Azab, T. Taniguchi, and Kunio Ogasawara, p. 69.
- Al-Azhar Second International Conference for Pharmaceutical and Biological Sciences, Cairo. A New Controlled Route to (-)-Physovenine and (-)-Physostigmine Alkaloids. Adel S. El-Azab, T. Taniguchi & K. Ogasawara. P. 39, 2001. Al-Azhar hird International Conference for Pharmaceutical and Biological

Sciences, Cairo. Synthesis of 7- Substituted Oxymethyl-3-Methyl-6,8-Dioxabicyclo[3.2.1]Octa-2-one as a Key Intermediate for the Synthesis of Natural Products. Adel. S. El-Azab.

- The 9<sup>th</sup> International Pharmaceutical Sciences Conference and Exhibition Future of Medication in the 21<sup>st</sup> Century. Riyadh, SAK. Synthesis of Some New 4-(3H)-Quinazoline Analouges as Potential Antioxidant Agentes. Adel S. El-Azab ,M.A.El-Omar, H.a. El-Obeid, S.G. Abdel Hamide.
- 7<sup>th</sup> international Saudi Pharmaceutical Conference, 19-21 March 2007, Riyadh, SAK. Synthesis and Evaluation of Some 7-Hydroxycoumarine Derivatives as Antiinflammatory Agents. Adel S. Elazab, S.G. Abdel Hamide, Adnan A. Beckeit and Maged A. Abdel-Kader.

### **III. BOOKS PUBLICATIONS**

- Stereochemistry and Carbohydrates, First Year Student, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Al-Azhar University, Nasr City, Cairo.
- Aromatic Benzenoid Compounds, Second Year Student, Pharmaceutical Chemistry. Department, Faculty of Pharmacy, Al-Azhar University, Nasr City, Cairo.

### **REFeree:**

Reviewer for papers and articles submitted to Journal of Saudi Chemical Society (JSCS).

### **SCIENTIFIC MEMBERSHIP:**

- Journal of Saudi Chemical Society
- The Egyptian General Association of Pharmacists (EGAPP).
- The Egyptian Society of Chemistry (ESC).
- The Egyptian Society of Clinical Chemistry (ESCC).

## **TEACHING EXPERIENCE:**

- Teaching the practical courses (Organic and Pharmaceutical Chemistry) for undergraduate pharmacy students in the College of Pharmacy (boys and girls), Al-Azhar University, Cairo, Egypt (**1992-1998**).
- Teaching the practical courses (Pharmaceutical Chemistry) for undergraduate students at Tohoku University, Pharmacy Institute, Sendai, Japan (**1998-2000**).
- Supervision of practical courses for undergraduate pharmacy students in the College of Pharmacy at Al-Azhar, Ain Shams and MIU Universities Cairo, Egypt (**2000-2004**).
- Teaching the theoretical courses (Organic and Pharmaceutical Chemistry) for undergraduate pharmacy students in the College of Pharmacy at Al-Azhar, Ain Shams and MIU Universities Cairo, Egypt (**2001-2004**).

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