

***Ph D. Yasser El\_Shabrawy El-Sayed***

Professor and Head of Pharmaceutical Analytical Chemistry

Vice Dean for community and environmental development

Faculty of Pharmacy, Mansour University

**Academic**

**Rank**

Professor of pharmaceutical analytical Chemistry

**Degrees**

**PhD** University of Georgia, USA and University of Mansoura, Egypt, 1995 (Channel System) through Channel system, University of Georgia, GA, USA

**M.Sc** Faculty of Pharmacy , University of Mansoura, Mansoura Egypt, 1990

**B. Sc** Faculty of Pharmacy, University of Mansoura, Mansoura Egypt, 1985

**Research field**

Pharmaceutical Analytical Chemistry.

**Selected Scientific Journals and Conferences**

**Journals**

**Publications**

- 1-** Manal Eid, **Yasser El\_Shabrawy** and Rania El\_shaheny  
Green Micellar HPLC analysis of three angiotensin –  
converting enzyme inhibitors in their mixtures with  
hydrochlorothiazide and modeling of their rent ion  
behavior by fitting to Foley’s model  
Journal of Separation science 40, 3646-3654 , 2017

- 2-** Y. El-Shabrawy, M. Walash, N. El-Enany, R. El-Shaheny , Investigation of Ethosuximide Stability under Certain ICH-Recommended Stress Conditions Using Validated Stability-Indicating HPLC Method Analytical methods , Accepted DOI:11039/C7AY02740K, 2018
- 3-** Mohamed M. Hefnawy , Mostafa , Mohamed E. Al-Ramady , Yasser El-Shabrawy , Sherif F. Hammad, Mohammed A. Abounassif , S. Mohammed, and Abdulrahman Alshulail A Highly Efficient Liquid Chromatography Method for the Determination of Synthetic Cannabinoid 5F-PB-22 in Mice Plasma at NanoConcentration Range: Application to Pharmacokinetic Study Current Analytical Chemistry2017, 13, 439-446
- 4-** Yasser El-Shabrawy, Stability-indicating High Performance Liquid Chromatographic method for determination of Indapamide and its related compounds, International Journal of Multidisciplinary 13, 149-158, 2015.
- 5-** Y. El-Sshabrawy, Simultaneous determination of dipyrindamole and acetylsalicylic acid in pharmaceuticals and biological fluids by synchronous and first derivative synchronous fluorimetry, the 18<sup>th</sup>, congress of Scientific association of the Pharmacy Colleges in the Arab World, 18-20, NOV , 2015.
- 6-** Yasser El-Shabrawy, Alaa El-Gindy, Maisra Al-Shabrawi Shoeib, Yassmin El-Gindy, An HPLC Method for Determination of 15 Pharmaceutical Compounds in Anti-Cold Products, Standard Research Journal of Pharmacy and Pharmacology Vol11 (4): 86-94 , 2014
- 7-** Mohamed Hefnawy, Nasser Algrain, Mohammed

- Abounassif1, SabryAttia2, **Yasser El-Shabrawy**,  
Greener Liquid Chromatography for Simultaneous  
Determination of Rosiglitazone and Glimepiride in Rat  
Sera and its Application to a Pharmacokinetic Study,  
current Analytical Chemistry,11, 2015.
- 8-** A. Al-Ghamdi,M. Hefnawy ,**Y. El-shabrawy** Non –  
Extractive Ultra –Trace Extraction of Simvastatin in  
Biological Fluids by Voltammetric method VIA  
Complexation with Cadmium, Digest Journal of  
Nanomaterials and Biostructures Vol. 9, No. 1, January -  
March 2014, p. 355 – 368
- 9-** A. Shalaby, A. . Abdurraheem ,M. EL-Mally ,**Y. ELshabrawy** and M. EL-Tohammy , Polymeric  
Membrane Electrode for Potentiometric Determination of  
Atenolol in Tablets and Biological Fluids Asian Journal of  
Chemistry Vol. 20, No. 5 (2008), 3817-3827.
- 10-** N. Elenany, F. Belal , **Y.Elshabrawy** and  
M.RizkSecond Derivative Synchronous Fluorescence  
Spectroscopy for the Simultaneous Determination of  
Chloroxazone and Ibuprofen in Pharmaceutical preparation  
and Biological Fluids , International Journal of Biomedical  
Science, 5, 136-145 , 2009.
- 11-** **Yasser El-Shabrawy**, Alaa Alhaboby, Nageeb  
Abdulgaleel Hassan, Sameer Issa Bloukh, and Moayad  
Jamal Shahwan5 THE EFFECT OF METFORMIN ON  
BODY WEIGHT IN POLYCYSTIC  
OVARY SYNDROME PATIENTS ,  
INTERNATIONAL JOURNAL of RESEARCH –  
GRANTHAALAYAH , Vol.2(Iss.3):December,2014
- 12-** Analysis of preservatives in Pharmaceutical  
preparations , K .Mustafa and **Y. El-shabrawy**, Review  
Articles, 2010.

- 13- Y El-Shabrawy, K. Salem and N.Elenany, Kinetic Spectrophotometric determination of Captopril and Salbutamol in Pharmaceutical Preparation and Biological Fluids, *Il Farmaco*, **59**, 803, (2004)**
- 14 - **Y. El-Shabrawy**, M. Rizk, F. Belal, F. Ibrahim and A.O. Mosbah, Polarographic determination of Beazepril in dosage form and spiked human urine, *Alex. J. Pharm. Sci*, **18**, 1 (2004).
- 15-. **Y. El-Shabrawy**, , F. Belal, F. and M. Sharf Eldine and Sh.Shalaan, Spectrophotometric determination of fenoterol hydrobromide in pure form and dosage form, *IL Farmaco* **58**, 1033 (2003)
- 16- Y. EL-Shabrawy**. Flurometric determination of amino glycoside antibiotics in pharmaceutical preparations and biological fluids, *Spectroscopy letters* **35** ,99, (2002)
- 17- M. Mewally and **Y.El-Shabrawy** Kinetic spectrophotometric determination of sulbutiamine in pharmaceutical preparation and human serum, *Analytical Sciences, Japan*, **16**, 633, ( 2000)
- 18- **Y.El-Shabrawy**, M. Hefnawy and F.Belal, Spectrofluorometric Determination of alpha-aminocephalosporin antibiotics in biological fluids and pharmaceutical preparations, *J. Pharm. Biomed. Anal.*, **21**, 703 ,( 1999).
- 19- S.H. Hilal, **Y.El-Shabrawy**, L.A. Carreira, S.W. Karickhoff, S. S. Toubar and M. Rizk, “Estimation of the Ionization pK, of pharmaceutical Substances using SPARC”, *Talanta*,**43**, 607 (1996).
- 20- M. Rizk, **Y.El-Shabrawy** , N.A. Zakhari, S.S. Toubar and L.a. Carreira, :Fluorimetric Determination of Aminoglycoside Antibiotics using

- Lanthanide Probe Ion Spectroscopy”, *Talanta*, **42**, 1849-1856 (1995)
- 21- L.A. Carreira, M. Rizk, Y.El-Shabrawy , N.A. Zakhari, S.S. Toubar “Europium (III) Ion Probe Spectrofluorometric Determination of Diclofenac Sodium” *J.Pharm.Biomed.Anal.*, **13**, 1331 (1995)
- 22- . M. Rizk, Y.El-Shabrawy , N.A. Zakhari, S.S. Toubar and L.a. Carreira, “Spectroscopic Determination of Heparin Sodium using Eu(III) ions as a Probe Ions” *Spectroscopy Letters.*, **28** , 1235 (1995)
- 23- . M. Rizk, , N.A. Zakhari , S.S. Toubar Y.El-Shabrawy Spectrophotometric Determination of Aluminum and Copper Ions using Spadns”, *Mikrochim.Acta*, **118**, 239- 247 (1995).
24. M. Rizk, Y.El-Shabrawy , N.A. Zakhari, and S.S. Toubar Sensitive colorimetric determination of copper (II) ions in some chemicals and multivitamins, *Acta, Phar. Hungrica*, **62**, 158 (1992).
- 25- N.A.Zakhri, S.M.Hassan and Y.El-Shabrawy Diazotized 4-Nitroaniline as Chromogenic Reagent for the determination of pharmaceutical preparations, *Anal.Letter*, 22(15)3026-3034(1989)
- 26- N.A.Zakhri, S.M.Hassan and Y.El-Shabrawy, Colorimetric Determination of beta adrenergic blocking drugs with carbon disulphide and copper (I) ions *J. Pharm&Biomedanal.* 9(5),421-426 (1991).
- 27- N.A.Zakhri, S.M.Hassan and Y.El-Shabrawy, Spectrophotometric Determination of Ergot Alkaloids with Ninhydrin, *ActaPharm, Nor.*, 3(3)151-154(1991)

## **Conferences:**

- 1- **Y.El-Shabrawy** Mutation Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 10-12 March 2012;
- 2- **Y.El-Shabrawy, H. El-shabrawy, M Elnemis** protocol of hepatitis c treatments Duphat , 2012, Dubai, UAE 12-14 March 2016;  
(Award of innovation fro, Duphat 2016)
- 1- Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat 12-14 Marh, 2015, 4 poster of student projects
- 2- Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2014, 3 posters of student projects
- 3- Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2013, Dubai, UAE 12-14 March 2013; 5 students posters
- 4- **Y. El-Sshabrawy**, Simultaneous determination of dipyridamole and acetylsalicylic acid in pharmaceuticals and biological fluids by synchronous and first derivative synchronous fluorimetry, the 18th, congress of Scientific association of the Pharmacy Colleges in the Arab World, 18-20, NOV , 2015.
- 5- **Y.El-Shabrawy** Magnetism, Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 12-14 March 2012;
- 6- **Y.El-Shabrawy** Paracetamol and Caffeine:

Between Synergism and Toxicity, Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 12-14 March 2012;

7- **Y.El-Shabrawy** Hyperthyroidism Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 12-14 March 2012.

8- **Y.El-Shabrawy** An HPLC Method for Determination of 15 Pharmaceutical Compounds in Anti-Cold Products Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 12-14 March 2012.

9- **Y.El-Shabrawy** Environmental Cycle of Human and Veterinary Medicines Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 12-14 March 2012.

10- **Y.El-Shabrawy** Your body is temple But keep the spirit on the outsides, Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 22-24 March 2011;

11- **Y.El-Shabrawy** What you need to know about depression medication Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 22-24 March 2011;

- 12- **Y.El-Shabrawy** Chocolate and blood pressure Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 22-24 March 2011;
  
- 13- **Y.El-Shabrawy** Probiotics Dubai international pharmaceuticals & Technologies Conference and Exhibition Duphat , 2012, Dubai, UAE 22-24 March 2011;
  
- 14- **Y.El-Shabrawy** Spectrophotometric determination of tetracycline in UAE markets 76th scientific conferences of faculty pf pharmacy in Arab world, Ajman, UAE 2003;
  
- 15- **Y.El-Shabrawy** Sensitive kinetic determination of captopril and ethamesylate in Pharmaceutical preparations and Biological fluids, 6th scientific conferences of faculty pf pharmacy in Arab world, Ajman, UAE 2002; Determination of tetracycline in UAE markets, 6th scientific conferences of faculty pf pharmacy in Arab world, Ajman, UAE 2002;
  
- 16- **Y.El-Shabrawy** Fluoremetric Determination of aminoglycoside Antibiotics in Pharmaceutical preparations and Biological fluids, Duphat, Dubai, 1999;
  
- 17- **Y.El-Shabrawy** Spectrofluorometric Determination of Aminocephalosporin antibiotics in biological fluids and pharmaceutical preparations, The 4<sup>th</sup> International Symposium on New Trends in Chemistry, Cairo, 4-9 Jan. 1997;



- 18- Y.El-Shabrawy Estimation of the Ionization pK, of pharmaceutical Substances”, Pittcon ‘96, Chicago, IL, USA, 1996;

**Workshops main speaker for**

1. Safety in laboratories, Ajman ministry of education 2013
2. Drug safety and hazardous , Ajman school 2012
3. Laboratory managements AUST 2014

**Articles in Books**

- 1- Quantitative Analytical Chemistry for pharmacy Student, Mansoura Univ, Mansoura Egypt, 1997
2. Physical Chemistry for pharmacy Student, Mansoura Univ, Mansoura Egypt, 1997, .
3. Quantitative Analytical Chemistry for pharmacy Student, Mansoura Univ, Mansoura Egypt 1997

**Courses  
Taught**

(Last five  
years)

Pharmaceutical Analytical Chemistry I

Pharmaceutical Analytical Chemistry II

Instrumental Analysis I

Instrumental Analysis II

Advanced Instrumental Analysis for master s

General Chemistry for Dentistry students

Advanced separation for PhD students

## Experience

1995 – 1990 Demonstrator of pharmaceutical Chemistry  
Mansoura University, Faculty of Pharmacy,  
Egypt.

1990 – 1995 Lecturer of pharmaceutical Chemistry  
Mansoura University, Faculty of Pharmacy,  
Egypt

1993 – 1995 Member of channel system to university of  
Georgia, Georgia, USA

1995 – 1998 Assistant Professor of pharmaceutical  
Chemistry Mansoura University, Faculty of Pharmacy,  
Egypt

1998 - 2004 Assistant Professor of pharmaceutical  
Chemistry Faculty of Pharmacy and Health Science ,  
AUST., UAE

2004- 2016 Associate Professor of pharmaceutical  
Chemistry Faculty of Pharmacy and Health Science ,  
AUST, UAE

August ,2016- Associate Professor of pharmaceutical  
Chemistry Faculty of Pharmacy, Mansoura University,  
Egypt.

April, 2018 Professor of pharmaceutical Chemistry  
Faculty of Pharmacy, Mansoura University, Egypt.

2017- now Head of pharmaceutical Analytical Chemistry,  
Mansoura University, Egypt

August , 2018 Vice Dean of Community and Environmental

## Development

### **Administrative Committee work**

- Vice Dean of Community and Environmental Development
- Head pharmaceutical Analytical Chemistry, Mansoura University, Egypt 2017-now
- Head of the Chemistry and Pharmacognosy Department 1999-2016
- Acting Dean of College of Pharmacy , ALAin branch Ajman university, UAE 1998-2001
- AUST Curriculum and Study Plan committee
- Head of Faculty Student affairs Committee.
- Head of assessment committee of college of pharmacy
- AUST assessment committee
- Head of Faculty Examinations Committee
- AUST Examinations Committee

### **Honors and Awards**

- Ph.D. Research scholarship awarded by the Egyptian Government, To UAS, 1992.
- 1<sup>st</sup> scientific research AUST 2013, Ajman, UAE
- 1<sup>st</sup> scientific research DUPHAT 2010, Dubai, UAE
- Innovation award of DUPHAT 2016., Dubai, UAE