

Curriculum Vitae



I- Personal information:

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| 1) Full Name: | ▪ Hanan Abd El-Monem Ahmed Meray |
| 2) Title: | ▪ Professor |
| 3) Nationality: | ▪ Egyptian |
| 4) Date of birth: | ▪ 25/4/1971 |
| 5) Place of birth: | ▪ Cairo - Egypt |
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II- Education:

(PhD degree in Pharmaceutical science (Analytical Chemistry), Faculty of Pharmacy, Cairo University, 2008)

III- Professional occupations:

(Professor of Analytical Chemistry, Quality Assurance unite manager, 6 October University, 2020)

IV- Experience:

- Under grade Analytical Chemistry courses in Faculty of Pharmacy, Cairo University
- General and Physical Chemistry in Faculty of Pharmacy, Future University
- Under grade Analytical Chemistry courses in Faculty of Pharmacy, MSA University
- Under grade Analytical Chemistry courses in Faculty of Pharmacy, Egyptian Russian University



a) Teaching experience:

- Quality control Diploma, Cairo University
- Premaster of Analytical Chemistry Department, Cairo University

b) Research experience and list of publications:

- M. Y. Salem, H. A. Meroy, A. El Bayoumy and B. A. El Zeany, Simultaneous determination of hydrochlorothiazide in combination with amiloride HCl or with spironolactone, **Bull. Fac. Pharm. Cairo Univ.**, 2001, 39(1), 139.
- M. Y. Salem, H. A. Meroy, A. El Bayoumy and B. A. El Zeany, Simultaneous determination of triametrene and xipamide by spectrophotometry and spectrodensitometry; **Bull. Fac. Pharm. Cairo Univ.**, 2002, 40(3), 11
- M. Y. Salem, H. A. Meroy, A. El Bayoumy and B. A. El Zeany, Simultaneous determination of spironolactone with xipamide or with frusemide, **Bull. Fac. Pharm. Cairo Univ.**, 2003, 41(1), 27
- M. Y. Salem, H. A. Meroy, A. El Bayoumy and B. A. El Zeany, Membrane electrodes for the potentiometric determination of mepivacaine HCl and lidocaine HCl, **Bull. Fac. Pharm. Cairo Univ. special Issue**, 2008, 46(1), 91
- M. Y. Salem, S. M. Amer, H. A. Meroy and B. A. El Zeany, Stability indicating methods for the determination of mepivacaine HCl, **Bull. Fac. Pharm. Cairo Univ. Special Issue**, 2008, 46(1), 213.
- M. Y. Salem, S. M. Amer, H. A. Meroy and B. A. El Zeany, Selective analytical determination of cinchocaine HCl in presence of its degradation products or in its binary mixture with hydrocortisone, **Egypt. J. of pharm. sci.**, 2008, 49, 1-24
- M. Y. Salem, E. M. Abdel-Moety, H. A. Meroy and M. M. Galal, Colorimetric Determination of Non-Steroidal Estrogen Level Modifiers, **Egypt. J. of pharm. sci.**, 2009, 50, 195-207
- H. A. Meroy, M. M. Galal, M. Y. Salem and E. M. Abdel-Moety, Chromatographic determination of tamoxifen citrate in presence of some co-administered drugs, **Journal of Pharmacy Research**, 2011, 8(4), 2458-2461.
- Nesrin K. Ramadan, Hala E. Zaazaa and Hanan A. Meroy, Micronized graphite sensors for potentiometric determination of cyclobenzaprine hydrochloride, **Journal of AOAC International**, 2011; 94 (6) 1807-1814, DOI: [10.5740/jaoacint.10-361](https://doi.org/10.5740/jaoacint.10-361)
- Nesrin K. Ramadan and Hanan A. Meroy, Ion selective electrodes for the potentiometric determination of pramoxine



- HCl using different ionophores, **Acta Chimica Slovenica**, 2012, 59, 870-878., <https://doi.org/10.1016/j.bfopcu.2012.11.001>
- **Hanan A. Merey**, Marwa I. Helmy, Shereen M. Tawakkol, Safaa S. Toubar and Mohamed S. Risk, Potentiometric membrane sensors for determination of memantine hydrochloride and promipexole dihydrochloride monohydrate, **Portugaliae Electrochimica Acta**, 2012, 30(1), 31-43
 - **H. A. Merey**, M. M. Galal, M. Y. Salem and E. M. Abdel-Moety, Novel stability indicating methods for the determination of certain synthetic estrogen level modifiers, **Bulletin of Faculty of Pharmacy, Cairo University**, 2013, 51, 69-79.
 - **Hanan A. Merey**, Mohammed A. Mohammed, Fahima A. Morsy, Maissa Y. Salem, Simultaneous determination of pramocaine HCl and hydrocortisone acetate in pharmaceutical dosage form, **Journal of Liquid Chromatography & Related Technologies**, 2013, 36, 2774-2784
 - **Hanan A. Merey**, Sally S. El-Mosallamy, Nagiba Y. Hassan and Badr A. El-Zeany, Green monitoring of bromhexine oxidative degradation kinetics, **Microchemical Journal**, 2020, 152, 104378
 - **Hanan A. Merey**, Sally S. El-Mosallamy, Nagiba Y. Hassan and Badr A. El-Zeany, Validated eco-friendly spectrophotometric methods for the determination of acefylline piperazine and bromhexine hydrochloride in the presence of dosage form additives, **Journal of Applied Spectroscopy**, 2020, 87(1) 171-180
 - **Hanan A. Merey**, Nesrin K. Ramadan, Sherine S. Diab, Azza A. Moustafa, Green spectrophotometric methods for the determination of a binary mixture of lidocaine hydrochloride and cetylpyridinium chloride in the presence of dimethylaniline, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy**, 2020, 242, 118743
 - Amal M. Abou Al Alamein, **Hanan A. Merey**, Reem A. El Kalla, Ahmed Emad El Gendy, Validated Spectrophotometric Methods for Simultaneous determination of silphadoxine and trimethoprim in a Veterinary Pharmaceutical Dosage Form, **Research J. Pharm. and Tech.** 2020, 13(11):5151-5157.
 - Hany Ibrahim, Abdallah M. Hamdy, **Hanan A. Merey** and Ahmed S. Saad, Simultaneous Determination of Paracetamol, Propyphenazone and Caffeine in Presence of Paracetamol Impurities Using Dual-Mode Gradient HPLC and TLC Densitometry Methods, **Journal of Chromatographic Science**, 2021, 59(2). 140-147



- Manal S. Elmasry, Mohamed A. Hasan, Wafaa S. Hassan, **Hanan A. Merey**, Israa M. Nour, Fluorimetric study on antidiabetic combined drugs; empagliflozin and linagliptin in their pharmaceutical formulation and human plasma, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2021, 248, 119258
- Manal S. Elmasry, Wafaa S. Hassan, **Hanan A. Merey**, Israa M. Nour, Simple mathematical data processing method for the determination of sever overlapped spectra of linagliptin and empagliflozin in their pure forms and pharmaceutical formulation: Fourier self deconvoluted method, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2021, 254, 119609
- Hany Ibrahim, Abdallah M. Hamdy, **Hanan A. Merey**, and Ahmed S. Saad, Dual-mode gradient HPLC and TLC densitometry methods for the simultaneous determination of paracetamol and methionine in the presence of paracetamol impurities, *Journal of AOAC INTERNATIONAL*, 104 (4), 2021, 975–982
- Nesrin K. Ramadan, **Hanan A. Merey**, Sherine S. Diab and Azza A. Moustafa, n-Line Green Potentiometric Monitoring of Dissolution Behavior of Losartan Potassium Versus Pharmacopeial Methods: A Comparative Study, *Analytical Chemistry Letters*, 2022, 12(1), pp. 13–28.
- Hagar N.Nazlawy, Hala E. Zaazaa, **Hanan A. Merey**, Shaimaa A. Atty, Green voltammetric nano scaled determination of toldimfos and its residues in cattle meat and milk in presence of its toxic metabolite and Co-administered vitamin C, *Sustainable Chemistry and Pharmacy*, 2023, 31, 100906.
- Hagar N.Nazlawy, Hala E. Zaazaa, **Hanan A. Merey**, Shaimaa A. Atty, , Green validated chromatographic methods for simultaneous determination of co-formulated oxytetracycline HCl and flunixin meglumine in the presence of their impurities in different matrices, *Journal of the Iranian Chemical Society*, 2023, 20(4), pp. 885–896.
- Michael M. Farag, Hala Bakr El-Nassan, **Hanan A. Merey**, Basma Mohamed Eltanany, Maha Mohammed Galal, Walaa Wadie, Dalia M. El-Tanbouly, Mohamed A. Khatlab, Laila Ahmed Rashed, Aliaa Nabil ElMeshad, Comparative pharmacodynamic study delineating the efficacy of amantadine loaded nano-emulsified organogel via intranasal versus transdermal route in rotenone-induced Parkinson's disease rat model, *Journal of Drug Delivery Science and Technology*, 2023, 86, 104765.



	<ul style="list-style-type: none">▪ M. S. Elmasry, W. S. Hassan, <u>Hanan A. Merey</u>, I. M. Nour, Earth-friendly micellar UPLC technique for determination of four hypoglycemic drugs in different pharmaceutical dosage forms and spiked human plasma, BMC Chemistry, 2023, 17(1), 74.
<p>c) Training and Attendance of conferences :</p>	<ul style="list-style-type: none">▪ The 4th International Scientific Conference of Faculty of Pharmacy, Cairo University, "Pharmacy Education and Community Expectations" Simultaneous determination of olmesartan medoxomil, amlodipine besylate and hydrochlorothiazide, Authors: N. K. Ramadan, <u>H. A. Merey</u>, , S. S. Diab, A. A. Moustafa, 2013▪ The 5th International Scientific Conference of Faculty of Pharmacy, Cairo University, "Pharmacy at the Cutting-Edge: Facing Future Challenges" Simultaneous determination of mometasone furoate, miconazole nitrate in the presence of pharmaceutical dosage form additive" Authors: <u>Hanan A. Merey</u>, Nagiba Y. Hassan, Sally S. El-Mosallamy and B.adr A. El-Zeany, 2014▪ The 14th Institute of Research Engineers and Scientists International Conference on "Medical and Health Science" held in Paris "Development and validation of UPLC methods for simultaneous determination of selected Antihypertensive drugs in their dosage forms" Authors: <u>Hanan A. Merey</u>, Sherin S. Diab, Nesrin K. Ramadan, Azza A. Moustafa, 2015▪ The 8th International Scientific Conference of Faculty of Pharmacy, Cairo University, "Pharmacy in Egypt: Ensuring Access to Health" Simultaneous spectrophotometric methods for the determination of oxytetracycline HCl and flunixin meglumine in their veterinary pharmaceutical" Authors: Hanan A. Merey, Hala E. Zaazaa, Mahmmoud S. Abd-Elmonem and Hagar N. Nazlawy, 2017
<p>V- Awards:</p>	<p>Certificate of excellence in The 14th Institute of Research Engineers and Scientists International Conference on "Medical and Health Science" held in Paris</p> <ul style="list-style-type: none">▪ "Development and validation of UPLC methods for simultaneous determination of selected Antihypertensive drugs in their dosage forms" Authors: <u>Hanan A. Merey</u>, Sherin S. Diab, Nesrin K. Ramadan, Azza A. Moustafa, 2015



	<ul style="list-style-type: none">▪ Award for International publication- Cairo University, 2010-2019
VI- Memberships in the committee:	<p>Member of General Syndicate of Pharmacists of Egypt, 1993- till now. Egypt Member of Pharmacists Syndicate of Cairo, 1993- till now. Member of staff member club, 1993- till now. Editorial member in journal "World journal of pharmaceutical sciences" 2013 - till now. Acting as a Head of Analytical Chemistry Department, Department coordinator for first year students in Academic Guidance Committee, 2009-2010 Leader of Millennium Family the first family in clinical pharmacy program, 2012-2014. Faculty of Pharmacy, Egyptian Russian University, 2014-2015</p>
VII- Other activities:	<p>Participated in the renewal of ISO certificate (ISO 9001-2008) during the years (2010- 2014, 2016 and 2017) Participated in the preparation of a booklet about "Performance appraisal and quality assurance unit (PAQU-PHARM)" during the years 2010 and 2014 Participated in the preparation of self-study in 2010 Participated in the preparation of self-study in 2015 Participated in the preparation of the annual faculty report 2008/2009 Participated in the preparation of the self-study 2009/2010 Participated in the preparation of the annual faculty reports 2010-2017 Participated in the preparation of the self-study 2014/2015 Participated in the preparation of the annual faculty reports 2015-2017 Participated in the internal audit visits to the academic and administrative departments of the faculty during the years 2010-2017 Participated in the preparation of the Strategic Plan of the faculty 2008-2009 (Strategic objectives) Participated in revising and updating the faculty Organizational chart booklet 2015 Participated in the preparation and reception of external audit visits by the Quality Assurance Center - Cairo University and the CIQAP project during the years 2008- 2010 Participated in the project of "continuous improvement and qualification for accreditation (CIQAP)" during the years 2008 – 2010</p>