



CURRICULUM VITAE

1. Personal Details

1.1. Personal definition

Name Mohammed Ebied Adam

Date of Birth January 1, 1962 in Elmazroub north Kordofan

Nationality Sudanese

Marital status Married with child

P.O. Box 1996, Khartoum, Sudan

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Present title: Associate Professor

Present Position Associate Professor of pharmaceutical Chemistry, Faculty of Pharmacy, U of K

1.2. FIELD OF WORK

Pharmaceuticals and Drug Analysis Using Classical and Instrumental Methods

1.3 SPECIAL INTEREST

1-- Development of New Methods for Drug Analysis.

2- Study of Drug Stability and Development of Stability-Indicating Methods.

3- Reversal of Chloroquine Resistance Using a Variety of Resistant Modulators.

2. Academic Qualifications

Degree	Institution	Country	Date
Bachelor of Pharmacy	University of Khartoum (B. Pharm.), Second class Honours	Sudan Div I	1987
Master in Pharmaceutical Sciences (M. Pharm.),	University of Khartoum	Sudan	1992
Ph.D. in Pharmaceutical Sciences	University of Khartoum	Sudan	2008

3. ACADEMIC APPOINTMENTS EXPERIENCE

Position/Title	Institution/ country	Date
Teaching Assistant	Faculty of Pharmacy, University of Khartoum	1988-1991
Lecturer	Faculty of Pharmacy, University of Khartoum	1992-2008
Assistant Professor	Faculty of Pharmacy, University of Khartoum	2008-2013
Associate Professor	Faculty of Pharmacy, University of Khartoum	2013-present

4. SCHOLARSHIPS, Awards and Honours

4.1. Scholarships

Awarding Body	Country	Date
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German academic exchange service(DAAD)	Germany	1988-1992
German academic exchange service (DAAD)	Germany	2005-2008

AWARDS

- 1-The University Prize for Best B. Pharm. Student, University of Khartoum
- 2- Late Mohamed A. Salih's Prize for Best B. Pharm. University of Khartoum
- 3- The University Prize for Best student in Pharmacology, University of Khartoum
- 4-Atlas Trading Com. Prize for Best student in Pharmacology, University of Khartoum

5. PROFESSIONAL COURSES & WORKSHOPS ATTENDED

- 1- Ethics in Medical Sciences, Medical Sciences Campus University of Khartoum August, 2001
- 2- Endemic& Infectious Diseases in the Sudan, Ministry of Science and Technology, National Centre for Research; Tropical Medicine Research Institute; Institute of Endemic Diseases University of Khartoum &TDR/WHO, Khartoum 5-8 May2003
- 3- Chloroquine-resistant Plasmodium falciprum malaria in Sudan: examining the evidence, three after stopping chloroquine Institute of Endemic Diseases University of Khartoum In collaboration with Faculty of Medicine, University of Khartoum &Sudanese Society of Clinical Biology. July 2006
- 4- The Annual conference of Graduate studies& Scientific Research, Medical& Health, Medical & Health Studies Board, University of Khartoum University of Khartoum, 25-27 February2011

5- Control of Veterinary Drug residues in food derived from animal, National drug& poison committee, Ministry of Health, 26-27 May 2013

6. COURSES & WORKSHOPS ATTENDED IN EDUCATION

1-Self Evaluation& Quality Assurance training course, Quality Assurance & Self Evaluation Administration, University of Khartoum in collaboration with Self evaluation Administration, Ministry of High Education and Scientific Research and Soba Teaching Hospital- 27/7-2/8/2007

2- Intermediate training course in methods of teaching and examination evaluation, Advanced Training &Performance centre, University of Khartoum Advanced Training &Performance centre, University of Khartoum-13/4-21/5/2011

3- 2nd Symposium on Quality in Higher Education, Quality Assurance & Self Evaluation-14/5/ 2013

4- Strategic Planning For Institutions, Office Of Quality Assurance, Misurata University, Misurata, Libya-23-24/6/2014

7- Teaching Responsibilities

7-1 Undergraduates

1988 - 1991 Teaching Assistant (part-timer) , Department Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum

1992 - 2008 Lecturer, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum teaching classical methods of analysis for 3rd B.Phram. students)

2009- 2013 Assistant Professor, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum Department of

Pharmaceutical Chemistry, Faculty of Pharmacy, University of
Khartoum

- 2000 - 2006. Lecturer (part-timer), Department of Pharmaceutical Chemistry,
Faculty of Pharmacy, Omdurman Islamic University. (teaching
classical methods of analysis for 3rd B.Phram. students)
- 2006- 2013 Lecturer (part-timer), Department of Pharmaceutical Chemistry,
Elrazi college of medical and technological Sciences.(teaching
classical and instrumental methods mainly UV-Vis. Infrared
HPLC and GC for 3rd and 4rd B.Phram. students)
- 2007- 2013 Lecturer (part-timer), Department of Pharmaceutical Chemistry,
Faculty of Pharmacy, Alneelain University (teaching classical
and instrumental methods mainly UV-Vis. Infrared HPLC
and GC for 3rd and 4rd and 5th B.Phram. students)
- 2011- 2013 Lecturer (part-timer), Department of Pharmaceutical Chemistry,
Faculty of Pharmacy, Sudan International Univeristy University
(teaching classical and instrumental methods mainly UV-Vis.
Infrared HPLC and GC for 3rd and 4rd B.Phram. students)
- 2013-2015 Assistant Professor of Pharmaceutical Chemistry, Faculty of
Pharmacy,Misurata University, Misurata, Libya (teaching
instrumental and Drug Analysis for 2nd year and 4th B.Pharm
students)
- 2016- present Associate Professor of Pharmaceutical Chemistry, University of
Khartoum (teaching classical and instrumental methods mainly
UV-Vis. Infrared HPLC and GC for 3rd and 4rd B.Phram.
students)

- 2017- present Associate Professor of Pharmaceutical Chemistry, Pharmacy Programme, Alnahda College (teaching instrumental and Drug Analysis for 4th B.Pharm students).
- 2018- present Associate Professor of Pharmaceutical Chemistry, Faculty of Pharmacy Africa International University (teaching instrumental and Drug Analysis for 4th B.Pharm students).
- 2020- present Associate Professor of Pharmaceutical Chemistry, Pharmacy Programme, Alfugr College (teaching instrumental and Drug Analysis for 4th B. Pharm students).
- 2021- present Professor of Pharmaceutical Chemistry (after passing the first part of the promotion(pramifeshia) and in last stage of the second part)

7-2 Postgraduates

- 1-New trends in Pharmaceutical Analysis (Master of Clinical Pharmacy)
Faculty of Pharmacy, University of Khartoum 2012
- 2- Measurement of drugs in biological samples (Master of Clinical Pharmacy)
Faculty of Pharmacy, University of Khartoum 2013
- 3-Analytical Techniques (Master of Pharmaceutical Analysis and Quality Control) Faculty of Pharmacy, Omdurman Islamic University 2016 to date.
- 4- Analytical Techniques (Professional PhD , Pharmaceutical Analysis and Quality Control) Sudan National Medical Specialization Board 2017 to date.

8- Examinations

- 8-1 Undergraduates

1-External examiner Pharmaceutical Chemistry, Faculty of Pharmacy, Elrazi

college of Medical & Technological Sciences 2010.

**2- Internal examiner Pharmaceutical Chemistry ,Faculty of Pharmacy,
Eneelain University , 2011**

**3- External examiner Drug analysis and Quality control, Faculty of Pharmacy,
Misurata-Libya 2012**

**4- Internal examiner, Pharmaceutical Chemistry, Faculty of Pharmacy,
University of Khartoum, 2007-2013.**

**5- External examiner Drug analysis and Quality control(graduation thesis),
Faculty of Pharmacy, Misurata- Libya 2014**

**6- External examiner Pharmaceutical Chemistry, Faculty of Pharmacy , Ibn
Seena University 2017, 2018.**

8-2 Postgraduates

**1- Ahmed S. Eldeen M. Ali (Antimicrobial activity of some Sudanese
plants) (M.Pharm.) 2008**

**2- Seham Abdoon (Development of Second derivative UV Spectrophotometric
Methods for determination of Chloroquine (PhD) 2008.**

**3- Fatma Abdullah (Antifungal &Antimycitomal activity of selected Sudanese
plants (PhD) 2009.**

**4- Manhil Sid Ahmed (The of storage conditions in on stability of
Chloramphenicol capsules , suspension, ear and powder for injection.
(M.Pharm.)) 2010.**

**5-Shaza Wagiealla Mohamed Shantieter (Development of Spectrophotometric
method of measurement of Cefodoxil in Bulk and dosage forms
(M.Pharm) 2011**

6-Riham Mohamed Omer (Development of Spectrophotometric method for

Determination of Dopamine Hydrochloride in Bulk and injectable forms

(M.Pharm) 2012

7-Malik Abdalla Hussien Development and validation of colorimetric method for the quantitative analysis of Kanamycin and Amikacin Sulfate in bulk and Pharmaceutical Formulations (M. Pharm) 2016

8- Hana Elfatih Mahadi (Development of Derivative, Spectrophotometric and Chromatographic method for Assay of Sulfadoxine and Pyrimethamine in bulk and combined Formulation (M. Pharm) 2017

9-Mohamed Mutassium Mohamed Ahmed. Development of Stability- indicating UV Spectrophotometric Method for the determination of some veterinary used drugs(PhD) 2018.

10- Areej Abdelmonim Mohamed , .Development and Validation of New Colorimetric Methods for the Determination of Pregabalin in Bulk and Pharmaceutical(M.Pharm) 2020.

10- ADMINISTRATIVE RESPONSIBILITIES

1992 – 2000 Secretary of Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum

1992 – 2013 Member of the Faculty of Pharmacy Time Tables and Examinations Committee.

2000 - 2005 Registrar of the Faculty of Pharmacy.

2006 – 2011 Head Department of Pharmaceutical Chemistry.

- 2009- 2013 Deputy dean, Faculty of Pharmacy, University of Khartoum
- 2000– 2013 Member of the Faculty Board.
- 2006– 2013 Member of the Faculty research Board.
- 2006– 2013 Member of the Senate of the University of Khartoum .
- 2019 Dean (coordinator) of Pharmacy Programme, Alnahda College
(1/7/2019-30/9/2020) College
- 2020- present Dean (coordinator) of Pharmacy Programme, Alfugr

10- Membership of professional organizations

- 1988 -present: Member of the Sudanese Pharmacists Union.
- 2015-2018: Member of the Quality Control Committee, Pharmacy Specialization Board (PSB) as part of Medical Specialization Board (SMSB), Khartoum, Sudan
- 2016-2019 Member of the Bioequivalence Committee National Drug and Ppoison Broad (NDPB), Khartoum, Sudan
- 2017-Present Member of the Review Committee Of Omdurnan Islamic University Pharmaceutical Journal(OIUPJ)
- 2018-Present Member of the Review Committee Of International Africa University Pharmaceutical Journal(IAUPJ).

10-Research and related administration

10-1 SUPERVISION OF RESEARCH WORK for undergraduates

- 1-Dania Elmotassim, Preparation of Boric acid Ointment and cream 2001
- 2-Muna A/Elrahman,(Bioavailability of Ciprofloxacin Tablets marketed in the Sudan) 2010
- 3- Amani Ali, Mawahib Ismail and Yusra A/Elfatah (Assay of different brands of Diclophenac sodium in the local market) 2012

4- Nada Yonies Altarabolsy and Nadia Omer Omera (Spectrophotometric determination of Paracetamol in Paracetamol Solid Dosage forms collected from Misurata City Pharmacies.) 2014

5- Areeg Basher Ramadan and Rowaida Ahmed Mohamed Altweel (Prevalence of cancer in Misurata cancer Institute and treatment outcome: a retrospective study) 2014

10-2 Postgraduate Supervision (Higher Research Degrees)

Research paper(Master of Clinical Pharmacy)

2017

1-Hadil Hilal Abu Zaid Ahmed Assessment of knowledge and practice of community pharmacists about drug information sources in Ombadda locality.

2- Ream Ismail Abdelgader Aboedris Assessment of Knowledge and Practice of doctors towards

Adrenal Crisis management among Sudanese adult patients in Bahri Locality Governmental Hospitals, 2017

3- Somya Fudul Ahmed Dawalbait Assessment of Efficacy of Drugs used in Management of Chronic Kidney Disease-Mineral Bone Disease (CKD-MBD) in Children on Hemodialysis.

4-Entesar Ibrahim Adam Doctor's awareness toward drugs associated with Stevens Johnson syndrome /Toxic Epidermal Necrolysis (Kassala locality 2017).

5- Dalal Alamin Ahamed Alawd ASSESSMENT OF COMMUNITY

PHARMACISIT KNOWLEDEGETOWARDS DIABETES.

- 6- Marwa Yahia Alemam Ali Assessment of prescribers adherence to treatment guidelines for management of pelvic inflammatory disease in insurance facility in Jabal Awliya locality.
- 7- Nagwa Bashir Hassan Assessment of the Efficacy of media used in Intrauterine Insemination for Sperm preparation in Male Infertility.
- 8- Afra Mohammed Nori Ibnouf . Efficacy evaluation of combination antioxidant supplement on infertile men: effects on semen parameters
- 9-Weiam Mohamed Ahmed. Glycemic control for surgical patients at soba university hospital
- 10- Walaa Mohamed Hassan. Assessment of Pharmacist's knowledge, Attitude, and Practice toward Chronotherapy, in Bahri locality

2018

- 1- Nada Mustafa Ginawi Ibrahim. **EVALUATION OF KNOWLEDGE AMONG COMMUNITY PHARMACISTS REGARDING VITAMIN D SUPPLEMENT DOSE IN KHARTOUM LOCALITY.**
- 2- Yasmeen Albadry Mustafa. Knowledge and Practice of Community Pharmacist about Patterns of use of Postpartum Contraceptive Pills use in Khartoum Locality.

3- Mohnned Ali Mohammed Elhassan Elawad. Evaluation of Knowledge & Practice of Among Physicians in Fedail Hospital & Community Pharmacist in Khartoum Locality towards Kidney Problems Associated with Chronic Use of Proton Pump Inhibitors (PPIs)

2-Reseach paper(Master of Drug Analysis & Quality Control)

2016

1- Noha Ibrahim Mirghani Development of a Spectrophotometric Method for the Determination of Lisinopril Dihydrate in Bulk and Pharmaceutical Dosage Forms.

2- Hala Khalid Awad Ahmed(Effect of Temperature on the Stability of some Cefixime Suspension Brands collected From Sudanese Local Market)

2017

1- Ahmed Basher Ibrahim Elkhalfia .Development and validation of a new spectroscopic method for determination of carbamazepine in bulk and tablet dosage form.

2- Moneer Ahmed Mohamed. UV-Spectrophotometric Absorbance Correction Method For The Simultaneous Estimation Of Atorvastatin Calcium and Aspirin in Combined Capsule Dosage Form.

- 3- Amna Khider Awadalla Development and Validation of UV-Spectrophotometric Methods for the Simultaneous Determination of Losartan Potassium and Hydrochlorothiazide in Bulk and in combined Tablets Dosage Form using Simultaneous Equation.
- 4- Ahmed Ali Ibraheem. Development and Validation of UV-Spectrophotometric Method for the determination of Clopidogrel Bisulphate in Bulk and in tablet dosage forms.
- 5- Mohamed Omer Banga. Development and validation of a new spectroscopic method for the determination of Secnidazole in bulk and tablet dosage forms.
- 6- Ahmed Mirgani Ali Khalifa, Development and Validation of Colorimetric Method for Estimation of Metoclopramide Hydrochloride in Bulk and injection using Salicyaldye as Chromogen.
- 8- Mohammed Shamseldean Seadahmed. Development of Acid–Base Titrimetric Method for Determination of Sildenafil Citrate in Raw Material and in Selected Tablets (100mg and 50mg).
- 9-Mayada Mohammed Sanosy. Development and Validation of difference UV Spectrophotometric method for the determination of Omeprazole in bulk and in tablet dosage forms(Omeprazole 40mg).

2018

- 1-Aisha Mohammed Hussein Babiker. Development and Validation of Absorption Correction Spectrophotometric method for Simultaneous Determination of Diminazine diaceturate and Phenazone In bulk and injection dosage form.
- 2- Tasneem Omer Elmahadi. Development and Validation of UV Spectrophotometric Method for Estimation of nrofloxacin in Bulk and Injection Formulation (10%).
- 3- Mutwakel Abdelbagi Hamad Mohammed. Development and Validation of Absorption Correction Method for Simultaneous Determination of Ezetimibe and Simvastatin in Bulk and In Combined Tablets Dosage Forms.
- 4- Mutaz SidAhmed Mokhtar SidAhmed. Study of Effect of Storage Conditions on the Stability Potassium Chloride and Calcium Gluconate injections in some hospitals of Khartoum state
- (1) M.Pharm**
- 1-Manhil Sid Ahmed(The effect of storage conditions in Sudan on chloramphenicol capsules, suspension, ear and powder for injection.) 2008-2010
- 2- Wamda Ahmed Mohammed Farah Shadoul(High Performance Liquid Chromatography for the determination of some eye drops combinations) 2008- 2011
- 3- Rasheeda Sid Ahmed(Development of colorimetric method for the determination of aminocaproic acid in bulk and dosage forms).2009-2012

- 4- Naeefsa Abu Obieda Mohamed (Development of classical method for the determination of some none steroidal antimflamotary drugs in bulk and dosage forms) 2012-2016
- 5-Ali Ahmed Humdi (The effect of transportation and storage conditions on the stability of some drugs imported by Central Medical Supplies) 2013-present
- 6- Mugahid Osman Sidahmed .Good Manufacturing Practice Assessment of Good Manufacturing Practices Process of five Pharmaceutical Manufacture in Sudan). 2016-2018
- 7- Mazin Mohamed Osman(Development and validation Reversed-Phase HPLC for Simultaneous determination of Metformin HCL and Glibenclamide in bulk and in Combined Tablet Dosage Forms 2016-2018
- 8- Shahinaz Abdalla. Mohammed. Development and Validation of Spectrophotometric method for the determination of Bisoprolol Fumarate in bulk and in Pharmaceutical Dosage Forms. 2016-2018
- 9- Hana Tag Elsir Abd Elwahid Mohamed Ahmed. Development and Validation of Stability-indicating RP-HPLC Method for the Simultaneous Determination of Amlodipine Besylate, Hydrochlorothiazide, and Valsartan in pure and Combined Tablet. 2016-2018
- 10- Mosab Yahia Hamd Alla Synthesis, Characterization and Biological Activity

Evaluation of Novel Hydroxamic Acids Designed to be Promising Anticancer

Candidates 2018- present

11-Mohamed Yousif Bashir Khalid Synthesis, Characterization and Biological

Activity Evaluation of Certain Heterocyclic Derivatives of Mephanemic acid.

2018- present

12- Shaaldeen Mohamed Ali . Development and Validation of Colrimetric

method for the determination of Lisinopril in bulk and tablet dosage forms

2019-present.

2) PhD

1-Shaza Waciealla Mohamed Shantieter (Stability indicating methods for Cefquinone Sulfate and Niclosamide in Bulk and Dosage forms) 2011-2014

2- Safaa Kamal Eldien Abbas Dawi Stability Studies on Some Veterinary Combined Antibiotic Drugs Using a validated Stability-Indicating HPLC and Microbiological Methods. 2017- present

3-Sara Hayder Elbakheet Hamaza . Therapeutic Monitoring of two brands of Carbamazepine tablets marketed in Sudan. 2018-present.

4-Ahmed Yousif Abdelrhman Adam. Uv/vis Spectrophotometric, Kinetic and Thermodynamic studies on activated Carbon on some antidote drugs. 2019 – present.

11- Publications

1-Elfatih I A/Karim, Kamal E. Ibrahim and Mohamed E. Adam (1991). Studies on the photochemical decomposition of metronidazole. *Intern. J. Pharmacy*.

76:261-264.

2- Mohamed E. Adam¹, Abdelgader Y. Elkadaru², Kamal E.E. Ibrahim¹,

Bradley J. Berger⁵, M. Wiese ³, Hamaza. A .Babiker⁴ and El Fatih I.

A/Karim^{1*}.(2004). Imipramine induced complete reversal of Chloroquine Resistance in Sudanese patients. *Saudi Pharmaceutical Journal*, 12 ; 4, 130 -135

3- Mohamed E. Adam^{1*}, El Fatih I . A/Karim¹. Kamal E.E. Ibrahim¹

Abdelgader Y. Elkadaru², Bradley J. Berger, M. Wiese, and Hamaza. A

.Babiker (2008). Enhancement of chloroquine activity against resistant

parasites by co-administration of cimetidine. *Arab Journal. Pharmaceutical.*

Sciences. 3 : 26-31.

4-W.A Shadoul, E.A Gad Kariem, M.E Adam, K.E.E Ibrahim (2011).

Simultaneous Determination of Dexamethasone Sodium Phosphate and

Chloramphenicol in Ophthalmic Solutions. *Inter. J. Chem.*

Scien.Technol. 1:60-69.

5- W.A Shadoul, E.A Gad Kariem, M.E Adam, K.E.E Ibrahim (2011).

Simultaneous Determination of Dorzolamide and Timolol maleate in

Ophthalmic Solutions. *Elixir Pharmacy*. 38: 4060-4063.

6- W.A Shadoul, E.A Gad Kariem, M.E Adam, K.E.E Ibrahim (2011).

Simultaneous Determination Of Tetrahydrozoline Hydrchloride and

Antazoline Hydrocholride in Ophthalmic Solutions using HPLC. *Asian*

Journal of Pharmaceutical Science and Research. 1:29-38

7- Shaza W. Shantier, Elrasheed A. Gadkariem, Mohamed E. Adam, Magdi A.

Mohamed (2013). Development of Stability-Indicating Methods for Cefquinome Sulphate *Int J Biomed Sci.* 9 : 162–167.

8-Shaza Waciealla Shantier, Elrasheed Ahmed Gadkariem and Mohamed Ebeid

Adam (2015). Stability- indicating Colorimetric method for the analysis of Niclosamide . *Merit Research Journal of Medicine and Medical Sciences.* 3(2) pp. 047-052,

9-Mohamed Ebied Adam, Shaza Waciealla Shantier , Sara Ahmed Alfangari and

Elrasheed Ahmed Gadkariem (2015).Development of Spectrophotometric

Method for the Assay of Aminocaproic Acid in Dosage Forms Using

Ascorbic Acid. *Chemical Science Transactions*, 4:2

10-Mohamed Ebeid Adam, Shaza Waciealla Shantier*, Sara Ahmed Alfangari,

and Elrasheed Ahmed Gadkariem.(2015). Development of Colorimetric

Method for the Assay of N-acetylcysteine in Dosage Forms using 2, 6-

Dichloroquinone-4-Chlorimide. *Research Journal of Pharmaceutical,*

Biological and Chemical Sciences. 6(2) 436-442.

11- Mohamed E. Adam, Shaza W. Shantier*, Reem S., Magdi A. Mohamed and

Elrasheed A. Gadkariem(2016).Colorimetric method for the determination of

Paromomycin Sulfate in Bulk and Dosage forms using Ascorbic acid. *Der Pharmacia Lettre*, , 8 (17):26-31

12-**Adam ME**, Shantier SW*, Reem S, Mohamed MA and Gadkariem EA (2016).

Development of Colorimetric Method for Determination of Gabapentin Using Ascorbic Acid as Chromogen. *Journal of Chemical and Pharmaceutical Research*, 8(12):131-135

13-**Mohamed E. Adam**, Shaza W. Shantier*, Malik A. Hussien, Elrasheid AE Garalnabi and Elrasheed A. Gadkariem (2017). Development of Spectrophotometric method for the determination of Amikacin Sulfate in pure and Pharmaceutical formulations using Ascorbic acid . *ejpmr*, ,4(2), 235-239

14-Malik A. Hussien, **Mohamed E. Adam**, Shaza W. Shantier*, Elrasheid A.E. Garalnabi and Elrasheed A. Gadkariem (2017).Development and validation of colorimetric method for the quantitative analysis of Kanamycin in bulk and pharmaceutical formulation. *Journal of Applied Pharmaceutical Science* Vol. 7 (04), pp. 163-167.

15- **Mohamed Ebeid Adam**, Shaza Waguealla Shantier*, Reem Sharaf, Elrasheed Ahmed Gadkariem(2017). DEVELOPMENT OF KINETIC METHOD FOR THE DETERMINATION OF PAROMOMYCIN SULPHATE IN BULK AND

PHARMACEUTICAL FORMULATIONS. International Journal of Innovative Pharmaceutical Sciences and Research , IJIPSR / 5 (01), 1-8.

16-Shaza W. Shantier*, Mohamed E. Adam, Rashida S. Mohamed, Elrasheed A. Gadkariem(2017). Development and validation of colorimetric method for the determination of aminocaproic acid in bulk and pharmaceutical formulation. *Journal of Innovations in Pharmaceutical and Biological Sciences* (JIPBS) Vol 4 (3), 67-70.

17- Shahinaz A. Mohammed, Mohammed E. Adam and Shaza W. Shantier,*(2017). Development and Validation of UV Spectrophotometric Method for Determination of Bisoprolol Fumarate in Bulk and Pharmaceutical Dosage Forms. *Mediterranean Journal of Chemistry* . 6(5), 196-195

18- Asim Halfawi Shargi and Mohammed.E.Adam (2018). Comparative Study Between White And Red Hibiscus sabdariffa in Phytochemical and Chemical Composition of Water Extract. INTERNATIONAL INTERNATIONAL JOURNAL OF SCIENTIFIC & ENGINEERING RESEARCH, VOLUME 8, ISSUE 1,

19- Mohammed S. Seadahmed, Mohamed E. Adam and Tilal E. ELimam(2018). Development of Acid-Base Titrimetric Determination of Sildenafil Citrate in Bulk and Tablets Forms. *World Journal Of Pharmacy and Pharmaceutical Sciences*. Volume 7, Issue 7, 41-47

- 20- Ekhlas Sheakh Aldeen, Tilal Elsamani, Malik Suliman Mohamed, **Mohamed E. Adam** and Magdi Awadalla Mohamed (2019) Synthesis, Characterization and Assessment of Local Anesthetic Activity of Some Benzohydroxamic Acids. *Asian Journal of Chemistry* Vol. 31, No. 1, 181-185
- 21-Tasneem O. ElmahadiI, Shaza W. A Shantier and **Mohamed E. Adam** (2019). Development and Validation of UV–Spectrophotometric method for the Determination of Enrofloxacin in Synthetic form and Veterinary Injectable Dosage forms. *Asian Journal of Pharmaceutical Analysis*. Vol. 09, Issue-01, 11-14.
- 22-Roa'a M. Osman1, Sitalnafer A. Dafaalla1, Shahd S. Siddig1, Wafa N. Ahmed1 and Dr. **Mohammed E. Adam**(2019). Development and Validation of UV–Spectrophotometric method for the Determination of Secnidazole in bulk and tablet dosage forms. Adam et al. *World Journal of Pharmacy and Pharmaceutical Sciences* Volume 8, Issue 11, 1354-1362.
- 23- Yousif H-E.Y. Ibrahima,b, Géza Regdon jr.a, Katalin Kristóa, András Kelemenb, **Mohamed E. Adam**, Elnazeer I. Hamedelnield, Tamás Soványa,(2020).Design and characterization of chitosan/citrate films as carrier for oral macromolecule delivery. *European Journal of Pharmaceutical Sciences*. 146 , 105270
- 24- Asim Halfawi Shargi, **Mohammed E Adam**, Ibrahim ME, Fatehalrahman F Magbool(2020). Improved High- Performance Liquid Chromatography/Mass Spectroscopy (HPLC/MS) method for detection of anthraquinones and antioxidant potential determination in Aloe sinkatana. *Universal Journal of Pharmaceutical Research* , 5(2):6-9.
- 25-Tilal Elsaman, , Enas Ibrahim, and **Mohamed E. Adam** (2020). Development and Validation of UV–Spectrophotometric method for the Determination of Atorvastatin Calcium using Sodium Citrate as Hydrotropic Agent.

Pharmaceutical Chemistry Journal, Vol. 54, No. 4,422-429.

- 26- Nafisa A. Osman, Shaza W. Shantier, **Mohamed E. Adam** and Elrasheed A. Gadkariem (2020). Q-Absorbance ratio and Chromatographic Method for the Analysis of Aspirin and Salicylic acid. *Elixir Appl. Chem.* 144 ,54583-54588.
- 27-Fatehalrahman F. Magbool1 , Elamin Ibrahim Elnima1 , Shayoub M. E1 ., Zuheir Osman , **Mohammed E. Adam** , Elnazeer . Hamedelniel , Abdrhman Mahmoud Gamil (2020). Formulation Design, Development and Evaluation of Quercus Infectoria Galls Extract Oral Gells foe Oral Candidiasis .*Plant Biotechnology Persa.* 2(2), 1-13.
- 28-Areej Abdelmonim Mohamed, Tilal Elsaman , **Mohammed E Adam** , Elrasheed A Gadkariem , Shaza W Shantier (2020). Development and validation of colorimetric method for the determination of pregabalin in bulk and pharmaceutical formulations. *Int. J. Res. Pharm. Sci.*, 11(4), 5896-5901.
- 29- Albara Ahmed, Babiker Mohammed , Abdelhalim Nasr , Awadelkarim Abbas and **Mohamed E.Adam**. (2020) A study of prothrombin time, thrombin time, fibrinogen and vitamin k levels in Sudanese neonates with proven Sepsis. *Pakistan Journal Of Medical& Health Sciences*, Volume 14,issue 3;1-5.
- 30-MAHMOUD E. IBRAHIM, ASIM H SHARGI2, **MOHAMMED A E**, FATEHALRAHMAN F. MAGBOOL(2020). ACUTE TOXICITY STUDY AQUEOUS EXTRACTS OF ALOE SINKATANA LEAVES IN WISTAR ALBINO RATS . *Innovate International Journal of Medical & Pharmaceutical Sciences* ; 5(3) ,1-7.
- 31-Ibrahim M.E.1, Fatehalrahman F. Magbool, Mahjoub. N.M. Ahmed3, Dhia Eldin Elhag, Asim Halfawi, Zuheir Osman, Abdrhman Mahmoud Gamil and **Mohamed E. Adam** (2020). FORMULATION DESIGN AND EVALUATION OF METRONIDAZOLE ENTERIC COATED TABLETS FOR COLON

TARGETING DRUG DELIVERY SYSTEM . EUROPEAN JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH . 7(10), 142-150 .

32- Takreem A. Elkhazein1, Tahani A. Abdeljabar1, Amal N. Abdelrahman, **Mohamed E. Adam**, Shaza W. Shantier (2022). DEVELOPMENT AND VALIDATION OF UV-SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF FOLIC ACID IN BULK AND TABLET DOSAGE FORMS. JOURNAL OF APPLIED PHARMACEUTICAL RESEARCH | JOAPR, volume10, issue 2,page,19-22

33-Mona F. Abudleek, **Mohamed E. Adam** , Kannan Omer Ahmed2, Bashir Alsiddig Yousef3 (2022). Doctors' Attitude and Satisfaction Toward Clinical Pharmacists' Role at Omdurman Military Hospital: A Descriptive Cross-Sectional Study. *Matrix Science Medica*, Volume 6 | Issue 3 ,p80-84.

13- Paper prepared for publication

1- Amna Khider Awadalla¹ and **Mohammed Ebied Adam**². Development and Validation of UV-Spectrophotometric Methods for the Simultaneous Determination of Losartan Potassium and Hydrochlorothiazide in Bulk and in combined Tablets Dosage Form using Simultaneous Equation

2- Aisha M. Hussein¹, **Mohamed E. Adam**², Tilal E. Elimam¹ and Shaza Wagiealla Shantier. Development and Validation of Absorption Correction Spectrophotometric method for Simultaneous Determination of Diminazine diaceturate and Phenazone In bulk and veterinary injection dosage form.

4- Malik M. Gaily¹, Tilal E. Elimam¹, **Mohamed E. Adam**.

Synthesis, Development of Analytical Methods and Stability Studies for Certain Amide Prodrugs of Flufenamic and Meclofenamic Acids.

5- Mutwakel¹ A. Hamad , **Mohammed E Adam**², Amal N. E.

Abdelrahman³ and Tilal E. Elimam Development and Validation of Absorption Correction Method for Simultaneous Determination of Ezetimibe and Simvastatin in Bulk and in Combined tablet Forms

Areas of Research

1. Development of new methods of analysis of drugs. using spectroscopical and chromatographical methods
2. Extraction and characterization of bioactive compounds from plants.
3. Reversal of drug resistant malaria..
4. Clinical efficacy of drugs.