

CURRICULUM VITAE



Name: Imad Osman Abu Reid Ahmed

Nationality: Sudanese

Gender: Male

Place & Date of Birth: Wad Medani –
01/01/1959

Address, Permanent & Work -address

National Al Ribat University -Sudan

Tel: 00249123565660

E-mail: iabureid@hotmail.com

Marital Status:

Married (Father of four children)

Education & Qualification:

- **Ph.D. – Pharmaceutical Chemistry**

University of Khartoum – Sudan - May 2016

Thesis title “**Development of Novel Chromatographic Methods for the Determination of Some Basic Drugs**”

- **Membership** – Institute of Quality Assurance – UK, 1998

- **Master of Science** (Pharmaceutical Analysis) by courses

University of Strathclyde – UK, Nov. 1987

Partial fulfillment thesis title “**Comparison of the properties of commercially available electrochemical HPLC detectors and the possibilities of using them for determining the diffusion coefficient of electro-active compounds**”.

- **B. Pharm “Second Class – Division One”**

University of Khartoum, Sudan – May 1983

Faculty price for being the best student in:

- Pharmaceutical chemistry (Distinction)
- Pharmacognosy (Distinction)

Languages:

Arabic and English

Positions and academic promotion

- **Associate Professor**

Department of Pharmaceutical Chemistry -
Faculty of Pharmacy
National Al Ribat University – Sudan
Feb 2020 to date

- **Assistant Professor - Fellow**

Department of Pharmaceutical Chemistry
Faculty of Pharmacy
University of Khartoum
Dec 2018 to date

- **Assistant Professor**

Department of Pharmaceutical Chemistry -
Faculty of Pharmacy
National Al Ribat University – Sudan
July 2012 to Jan 2020

- **Assistant Professor**

Department of Pharmaceutical Chemistry
Faculty of Pharmacy
International University of Africa – Sudan
Sept 2013 to March 2020

- **Assistant Professor**

Department of Pharmaceutical Chemistry
Faculty of Pharmacy
National University – Sudan
June 2011 to March 2020

Academic activities

Teaching

- Pharmaceutical analysis undergraduate level, teaching the following subjects:
Titration techniques, Spectrophotometry, Chromatography and Structure elucidation techniques
- Pharmaceutical analysis postgraduate level, teaching the following subjects:

Chemometry, Statistics, Experimental design, Analytical method validation and Instruments qualification

Examiner

- Internal examiner of master degree thesis – Physicochemical and Biowaiver Study on Allopurinol Brans Marketed in Sudan – Mohammed Hamid Mohammed, Faculty of Pharmacy (U of K) Sept 2019.
- External examiner of master degree thesis – Development of Stability-indicating HPLC Method for the Determination of Levamisole HCl in Bulk, Oral Solution & Injection – Amal Mohammed Abdalraheem, Faculty of Pharmacy (U of K) Oct 2018.
- External examiner of master degree thesis – Development of Derivative, Differential Spectrophotometric & Chromatographic Methods for Assay of Sulphadoxine & Pyrimethamine in Bulk & Tablets – Hana Elfatih Mahadi, Faculty of Pharmacy (U of K) Dec 2017
- External examiner of master degree thesis – Development of HPLC method for the determination of methydopa, levodopa and carbidopa in bulk and tablets dosage form – Osman A. Osman, Faculty of Pharmacy (U of K) May 2017
- External examiner of master degree thesis entitled – Differnatial Spectrophotometric Methods for The Determination of Drugs having Phenolic Functionality – Mohammed A. Raoof, Faculty of Pharmacy (U of K) 2016
- External examiner for final year students – Faculty of Pharmacy (U of K) Sept 2017
- External examiner for 4th year students – Faculty of Pharmacy (Omdurman Islamic University) July/Aug 2017
- External examiner for final year students – Faculty of Pharmacy (U of K) 2016
- External examiner Ph D thesis (Development & validation of stability indicating HPLC methods for the study of cefuroxime axetil, prednisolone, secnidazole and their degradation products in tablets – Ali Abdo Saif Ahmed Elgaradi, Faculty of Pharmacy (Omdurman Islamic University) – Jan 2017

Supervision

- Co-supervisor Ph.D (UV- Spectrophotometric analysis of single ,binary & ternary components using standard absorptivity methods)- Nafisa Abuobaida Osman , Faculty of Pharmacy – University of Khartoum; December 2017 (in progress)
- Co-supervisor Ph.D. (Development and validation of HPLC methods for the determination OF metformin and sulphonylureas combination in tablet dosage forms)- Rehab Abdalmageed, Faculty of Pharmacy – University of Khartoum; Feb 2019 (in progress)
- Co-supervisor Ph.D. (Development and Validation of Novel Methods for the Determination of Diminazene diaceturate and Phenazone in Bulk and Formulations) - Sayda Mohammed Osman Mohammed, Faculty of Pharmacy – University of Khartoum; April 2021 (in progress)
- Co-supervisor Ph.D. (Development and Validation of Stability Indicating Methods for The Determination of Amidazoline derivatives in Eye/Ear Drops) - Safaa Mohammed Awad Abdalhaleem, Faculty of Pharmacy – University of Khartoum; Sept 2021 (in progress)
- Supervisor Ph.D. (Development and Validation of Novel Methods for the Determination of Amino Acid-Like Drugs) - Alaa Kamal Abbas Awad, Faculty of Pharmacy – National Al Ribat University; May 2022 (in progress)

Master Degree Partial Fulfillment Projects supervised

- Razaz Taha Ali – Development of discriminatory dissolution test method for simvastatin drug products (Khartoum Medical College) – June 2014
- Rasha Mohammed Idrees – A new validated colorimetric method for the determination of amoxicillin – application to dissolution testing of capsules (Khartoum Medical College) – May 2015
- Musaab Abdalla Mohammed – Least squares calibration spectroscopic method for the simultaneous determination of sulphamethoxazole & trimethoprim in tablets (Khartoum Medical College) – May 2015

- Eman Mustafa Elhaj – Development & Validation of Interference Free Difference Spectrophotometric Method for Quantitation of Aspirin in Tablets (Khartoum Medical College) – Oct 2015
- Omer Mohammed Osman – In-vitro quality control of some metronidazole brands marketed in Sudan (Khartoum Medical College) – Jan 2016
- Mohammed Ahmed Hizam – Comparative In-vitro study on five atorvastatin brands marketed in Sudan (Khartoum Medical College) – Jan 2016
- Mohammed Abdeen Mohammed - Spectrophotometric determination of Chlorzoxazone and Paracetamol in tablets by H-point standards addition using both standards addition and absorbance difference (National Al Ribat University) – Dec 2016
- Abdelrahman Mohamed Tageldin - Multi-wavelength spectrophotometric determination of Chlorzoxazone and Paracetamol in capsules (National Al Ribat University) – March 2017
- Fadwa Ali Mohammed – Spectrophotometric graphical linear regression analysis for the determination of ampicillin & cloxacillin in capsules - (National Al Ribat University) - March 2017
- Hind Mohammed Farid – Multi-linear wavelength spectroscopic determination of Atorvastatin & Amlodipine in tablets (National Al Ribat National University) – March 2017
- Abrar Ahmed Ismail - Simultaneous determination of Loratadine and Pseudoephedrine Sulphate in tablets by absorption correction UV spectrophotometry (Al Ribat National University) – March 2017
- Tasneem Widaa – Simultaneous determination Triprolidine and Pseudoephedrine HCl in Tablets using absorption correction method (National Al Ribat University) – Oct 2017
- Tagwa Rabie Ali – Multi-linear Regression Determination of Triprolidine & Pseudoephedrine in Tablets (National Al Ribat University) – Aug 2017

- Samah Ginawi – Multi-linear Regression Determination of Rifampicin & Isoniazid in Tablets (National Al Ribat University) – Aug 2017
- Sara Osman Eltaib Ahmed - Development of Absorption Factor Spectropotometric Method for the Determination of Amlodipine and Atorvastatin in Bulk and in Tablets (National Al Ribat University) - March 2018
- Mehad Mohamed Elshaikh Yousif - Development of Absorption Factor Spectrophotometric method for the Estimation of Losartan potassium and Hydrochlorothiazide in Tablets (National Al Ribat University) - June 2018
- Sara Omar Ahmed – Simple mathematical resolution for binary mixture of Chlorzoxazone and Paracetamol in bulk and tablets by bivariate calibration – March 2019

Other academic activities

- Chairperson: Curriculum Reform Committee Faculty of Pharmacy, National Al Ribat University –Sept 2020
- Reviewer: International Journal of Applied Science – March 2019
- Reviewer: Journal of Advances in Chemistry – June 2017
- Member of curriculum reform committee – Faculty of Pharmacy, Al Neelain University – May 2017
- Editorial board member: Journal of Pharmaceutical Sciences - International University of Africa – Sudan

Professional activities

- رئيس اللجنة العليا لمحاربة تعاطي المخدرات وسط الطلاب - جامعة الرباط الوطني 2022/3/14 - الى تاريخه
- Chairperson: Avamed disposable syringes manufacturing plant – August 2021
- Member of Pharmacy Specialization Board – Sudan Medical Council–Sept 2020
- Speaker: Pharmaceutical Services in Healthcare Systems –Professional Pharmacists Association – Sudan – 21-23/9/2019
- GMP trainer – National Board of Medicine & Poisons – Aug and Oct 2018

- Experimental design and optimization trainer – Faculty of Pharmacy University of Khartoum staff - Dec 2017
- WHO local consultant to develop GMP training curriculum for local pharmaceutical industry – Oct 2017

Conducted Good manufacturing practice training workshop for local manufacturers organized by WHO and the Federal Ministry of Health 24-28/12/ 2017
- Chairperson of the cosmetics and perfumeries technical committee – Sudanese Standards & Metrology Organization – June 2017 to date
- Chairperson, Sudan Pharmaceutical Industry Investment Map Preparation – Ministry of Health, May 2017
- Member, Pharmaceutical Industry Technical Consultation Office – Ministry of Health, May 2017
- Member, Professional Doctorate of Pharmacy in Quality Assurance and Pharmaceutical Analysis Committee – Sudan Medical Specialization Board - Pharmacy Board
- Coordinator, Master Degree in Drug Quality Control – National Al Ribat University - Jan 2015 to date
- Member of Drug Registration & Pricing Committee – Directorate General of Pharmaceutical Affairs - Ministry of Health, Sultanate of Oman – 1991 -2002

Administrative & Technical experience

- **Acting Dean**

Faculty of Pharmacy – National Al Ribat University, Sudan

28/8/2023 to

- **Head of Pharmaceutical Chemistry Department**

Faculty of Pharmacy – National Al Ribat University, Sudan

20/8/2020

- **Secretary General**

Medicines and Poisons Board (NMPB)

18/12/2019 -10/5/2020

- **Acting Head of Pharmaceutical Chemistry Department**

Faculty of Pharmacy – National Al Ribat University

30/5 – 07/8/2017

05/7 – 18/7/2018

- **GENERAL MANAGER**

Ain Sudan – IV Fluids Plant

Dec 2012 to August 2016

Put the plant in operation after 10 years shut down

- **ASSOCIATE VICE PRESIDENT QC/QA**

NATIONAL PHARMACEUTICAL INDUSTRIES, OMAN

FEB 2009 to JUN 2011

- **QC/QA MANAGER**

NATIONAL PHARMACEUTICAL INDUSTRIES, OMAN

NOV 2002 To FEB 2009

- **SECTION HEAD OF PHARMACEUTICAL PLANTS AUDITING & LICENSING**

MINISTRY OF HEALTH, OMAN

SEP 1998 To NOV 2002

- **SECTION HEAD, PHYSICOCHEMICAL ANALYSIS**

QUALITY CONTROL LABORATORY,

MINISTRY OF HEALTH, OMAN

AUG 1991 - SEP 1998

- **PHARMACEUTICAL ANALYST**

NATIONAL HEALTH LABORATORY

KHARTOUM, SUDAN

AUG 1983 - JUN 1991

- **TEACHING ASSISTANT (PART TIME)**

FACULTY OF PHARMACY

UNIVERSITY OF KHARTOUM, SUDAN

1984-1990

Workshops & Training Attended

- Pharmaceutical Analysis (1988)
National Board of Health & Welfare, Department of Drugs
Uppsala, Sweden
- Pharmaceutical Microbiology (1987)
Medicines Testing Laboratory
36 York Place, Edinburgh, UK
- GMP Training -Ministry of Health & WHO – Sultanate of Oman (Dec 1999)
- How to Submit a Successful Registration File for Local Manufacturers – (National Board of Medicines & Poisons Board –Sudan (August 2013)
- Quality & Accreditation Symposium – Facilitator (Medical Specialization Board – August 2017)
- Quality & Excellence in Higher Education – CPD, National University, Sudan (July 2017)
- Assessment and Measurement in Education – National Al Ribat University (May 2017)
- Sudan supply chain strategic-design, distribution model – The Global Fund – Sudan (Nov. 2019)
- Pharmacy forward 2020 conference – Central Committee of Sudan Pharmacists (Feb 2020)

Social activities

- Board member (Social Secretary)-Sudanese Pharmacists Cooperative Association.

Publications

- **Research papers**

1. I.O. Abu Reid et al... Stability of Drugs in the tropics. A study in Sudan. International Pharmacy Journal. **1990**; 4(1): 6-11
2. Hogerzeil HV, De Goeje MJ & Abu Reid IO. Inland stability study (Sudan). Geneva: World Health Organization, **1991**. WHO/DAP/91.4
3. Hogerzeil HV, De Goeje MJ, Abu Reid IO. Stability of essential drugs in Sudan. (letter to editor). Lancet **1991**; 338: 754-55.
4. Abu Reid IO, Gadkariem AA. Development and validation of a HPLC method for the simultaneous determination of pseudoephedrine, dextromethorphan, and triprolidine in their combined cough and cold syrups. Journal of Advances in Chemistry. **2017**; 13(11):6011-6017.
5. Abu Reid IO, Gadkariem AA. Simultaneous determination of Pseudoephedrine and Loratadine in Syrups by HPLC using cation exchange column and experimental design optimization. The Pharma Innovation Journal **2017**; 6(3):244-247
6. Mohammed MA, Abu Reid IO and Elawni A. H-Point Standard Additions method for the simultaneous determination. International Journal of Advances in Pharmaceutical Analysis. **2017**; 07(01): 01-05.
7. Abu Reid IO. Development and validation of computer spreadsheet used to calculate dissolution profiles without media replacement. International Journal of Advances in Pharmaceutical Analysis **2017**; 07(01): 06-09.
8. Abu Reid IO. Development of normal phase high-performance liquid chromatographic method for determination of metformin and its related impurities in bulk material. The Pharma Innovation Journal **2017**; 6(5): 157-160.
9. Abu Reid IO, Abdelrahman Mohamed Tageldin. Multi-wavelength spectrophotometric determination of chlorzoxazone and paracetamol in bulk and capsules. International Journal of Advances in Pharmaceutical Analysis **2017**; 07(02): 16-20.

10. Abu Reid IO, Tasneem A Widaa. Spectrophotometric Method for the Simultaneous Determination of Pseudoephedrine and Triprolidine in Bulk and Tablet Forms. International Journal of Advances in Pharmaceutical Analysis **2017**; 07(03): 21-23.

11. Mohammed OAO, Shamtier SW, Abu Reid IO, Gadkariem EA. Development of an HPLC method for the simultaneous determination of levodopa and carbidopa in bulk and tablets. International Journal of Pharmaceutical Research and Bio-science **2017**; Volume 6(5): 109-119.

12. Mohammed OAO, Shamtier SW, Abu Reid IO, Gadkariem EA. High performance liquid chromatographic determination of methyldopa in bulk and dosage forms. Journal of Chemical, Biological and Physical Sciences **2018**; 8(1): 050-056.

13. Abu Reid IO, Malak E Mohammed. Chemometric Simultaneous Determination of Atorvastatin and Amlodipine in Bulk and Tablets. International Journal of Pharmacy and Chemistry **2019**; 5(4): 42-47. DOI: 10.11648/j.ijpc.20190504.12

14. Amal Abdalraheem, Shaza Shantier, Imad Abureid and Elrasheed A. Gadkariem. Stability-Indicating High-Performance Liquid Chromatographic Determination of Levamisole Hydrochloride in Bulk and Dosage Forms. Journal of Chemistry, **2020**:1-8, DOI: 10.11.55/2020/6137897

15. Abu Reid Imad Osman. Optimized Chromatographic Determination of Naphazoline and Chlorpheniramine in Eye Nose Drops Using Cation-exchange Column. Journal of Chromatographic Science, **2021**, 1-8. DOI: 10.1093/chromsci/bmab009

16. Abu Reid Imad Osman. Concurrent chromatographic determination of pseudoephedrine and loratadine from combination syrups and tablets. Future Journal of Pharmaceutical Sciences, **2021**, 7:138, DOI:10.1186/s43094-021-00287-3

17. Abu Reid Imad Osman. Simple spectrophotometric methods for the determination of amlodipine and atorvastatin in bulk and tablets. Future Journal of Pharmaceutical Sciences, **2021**, 7:232, DOI: 10.1186/s43094-021-00377-2

18. Wala W. Waciealla, Shaza W. Shantier, Imad O. Abureid, Elrasheed A. Gadkariem

Community pharmacist's Awareness and Attitude towards Counterfeit medicines in Khartoum Locality: Cross-Sectional Survey, Pharmacology Online **2021**, 3: 491-500.

19. Mohammed OAO, Shantier SW, Abu Reid IQ, Gadkariem EA. Development of an HPLC method for the simultaneous determination of levodopa and carbidopa in bulk and tablets. Hacettepe University Journal of the Faculty of Pharmacy **2021**, 41 (4): 133-142.

20. Abu Reid Imad Osman. Experimental Design Optimized Chromatographic Determination of Pseudoephedrine and Cetirizine in Bulk and Tablets. Hacettepe University Journal of the Faculty of Pharmacy **2022**, 42 (3): 165-174.

• **Books/Booklet**

1. pH: its importance in Pharmacy and Pharmaceutical Sciences, Lap Lambert Academic Publishing, ISBN: 978-620-4-72631-1(Nov. 2021).
2. "Cation exchange HPLC determination of cough medication components". Booklet, Lap Lambert Academic Publishing, ISBN: 3659782343 (July 2017).
3. Basic Pharmaceutical Analysis (under preparation)

References

1. Professor. Humeida Ali Elbaid

Faculty of Pharmacy

Nile University

Tel: 00249919391180

2. Professor. Alrasheed Ahmed Gadkariem

Faculty of Pharmacy

U of K

Tel: 00249918112290

3. Professor. Hassan Al Subki Khalid

U of K

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