

Curriculum Vitae



Personal Information	
Full Name	Magdi Awadalla Mohamed Elhussein
Birth Date	March 06, 1975
Birth Place	Eldamar, Sudan
Specialization	Pharmaceutical Chemistry – Synthetic Medicinal chemistry
Position	Professor
Address	Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum, P.O. Box 1996, Alqsr Avenue, Khartoum, Sudan
Email	mawadalla@uofk.edu
Phone	00249912328476
Extension	
Faculty	Pharmacy

Department	Pharmaceutical Chemistry
Links	Google Scholar: Magdi Awadalla Mohamed Research Gate: Magdi Awadalla Mohamed
Qualification Information	
Bachelor	Bachelor of Pharmacy (Honors) Second Class Div-I, University of Khartoum, Sudan. 2000.
Masters	Master of Pharmacy, Graduate College, University of Khartoum, Khartoum, Sudan. 2005.
Doctorate	Doctor of Pharmaceutical Sciences, Graduate School of Pharmaceutical Sciences, Kyoto University, Kyoto, Japan. 2009.
Expertise	Synthetic Medicinal Chemistry
Academic Information	
Teaching	Organic Chemistry for under graduate students at: - Faculty of Pharmacy, University of Khartoum (Full time) - Faculty of Pharmacy, The National Ribat University (Part time) - Faculty of Pharmacy, Alnilain University (Part time) Medicinal Chemistry for under graduate students at: - Faculty of Pharmacy, University of Khartoum (Full time). - Faculty of Pharmacy, The National Ribat University (Part time). - Faculty of Pharmacy, Alnilain University (Part time). Communication Skills in Pharmacy Practice for post graduate students at: - Clinical Pharmacy Program, Faculty of Pharmacy, University of Khartoum (Part time). - Professional Doctorate of Pharmacy, Pharmacy Specialization Board, Sudan Medical Specialization Board (Part time). Professional Pharmacy Ethics for post graduate students at: - Professional Doctorate of Pharmacy, Pharmacy Specialization Board, Sudan Medical Specialization Board (Part time).
Supervision	PhD 2017 – Date: Supervisor for Lamis Y. Mohammed

(**PhD**), University of Khartoum, Sudan.
2017 – Date: Supervisor for Amina I. Ahmed (**PhD**), University of Khartoum, Sudan.
2016 – Date: Co-supervisor for Ali E. Eltayeb (**PhD**), University of Khartoum, Sudan.
2016 – Date: Co-supervisor for Abdulrahim A. Alzain (**PhD**), University of Tours, France.
2015 – Date: Supervisor for Amged S. Mohamed (**PhD**), University of Khartoum, Sudan.
2015 – Date: Co-supervisor for Mohammed M. Mohammed (**PhD**), University of Khartoum, Sudan.

Master
2017 – Date: Co-supervisor for Jeelan E. Idris (**Master**), University of Khartoum, Sudan.
2015 – Date: Supervisor for Marwa S. Saeed (**Master**), University of Khartoum, Sudan.
2014 – 2016: Co-supervisor for Roa'a M. Akood (**Master**), University of Khartoum, Sudan.
2013 – 2015: Co-supervisor for Safaa M. Saeed (**Master**), University of Khartoum, Sudan.
2012 – 2014: Supervisor for Amina I. Ahmed (**Master**), University of Khartoum, Sudan.
2012 – 2014: Co-supervisor for Tsneem T. Khider (**Master**), University of Khartoum, Sudan.
2012 – 2015: Supervisor for Mohamed S. Hamid (**Master**), University of Khartoum, Sudan.
2012 – 2015: Supervisor for Mohamed A. Omer (**Master**), University of Khartoum, Sudan.
2011 – 2013: Co-supervisor for Maha A. Ahmed (**Master**), University of Khartoum, Sudan

Supervision of Postgraduate Students (By course + research):
2017: Supervisor for Mohamed Osman Hassan Suliman (**Master of Clinical Pharmacy**), University of Khartoum, Sudan.
2016: Supervisor for Sahar Hyder Ibnouf (**Master of Clinical Pharmacy**), University of Khartoum, Sudan.

Supervision of Undergraduate Students:
- Supervisor for Yosra K. Yusef (**B. Pharm.**), Faculty of Pharmacy, The National Ribat University, Sudan (Academic year **2015/2016**).
- Supervisor for Nosiba A. Ahmed (**B. Pharm.**), Faculty of Pharmacy, The National Ribat University, Sudan (Academic year **2015/2016**).
- Supervisor for Mona A. Ali (**B. Pharm.**), Faculty of Pharmacy, The National Ribat University, Sudan (Academic year **2015/2016**).
- Supervisor for Aisha A. Mohamed (**B. Pharm.**), Faculty of Pharmacy, The National Ribat

	<p>University, Sudan (Academic year 2015/2016).</p> <p>- Co-supervisor for Alaa A. Basher (B. Pharm.), Faculty of Pharmacy, Ahfad University for Women, Sudan (Academic Year 2013/2014). <i>This project won the University Prize.</i></p> <p>- Co-supervisor for Yasmeen M. Ali (B. Pharm.), Faculty of Pharmacy, Ahfad University for Women, Sudan (Academic Year 2013/2014). <i>This project won the University Prize.</i></p> <p>- Co-supervisor for Marwa S. Saeed (B. Pharm.), Faculty of Pharmacy, Ahfad University for Women, Sudan (Academic year 2012/2013).</p> <p>- Co-supervisor for Shaza M. Mergani (B. Pharm.), Faculty of Pharmacy, Ahfad University for Women, Sudan (Academic Year 2012/2013).</p>
Administrative	<p>05-2017 to Date: Deputy Director for Cultural Relations, University of Khartoum.</p> <p>08-2013 to 12-2014: Deputy Dean for Academic Affairs, Faculty of Pharmacy, University of Khartoum.</p> <p>03-2010 to 03-2014: Supervisor, Pharmacy Student's Association, Faculty of Pharmacy, University of Khartoum, Khartoum, Sudan.</p> <p>10-2010 to 09-2013: Head, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum.</p> <p>05-2009 to 03-2013: Board Secretary, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Khartoum.</p>
Scholarships	<p>2006 – 2009: Doctor course student Graduate School of Pharmaceutical Sciences, Kyoto University, Kyoto, Japan. <i>Sponsored by:</i> MONBUKAGAKUSHO: MEXT, Japanese Government.</p> <p>2005 – 2006: Research student Graduate School of Pharmaceutical Sciences, Kyoto University, Kyoto, Japan. <i>Sponsored by:</i> MONBUKAGAKUSHO: MEXT, Japanese Government.</p> <p>2003 – 2005: Master student Graduate College, University of Khartoum, Khartoum, Sudan. <i>Sponsored by:</i> Administration of Teaching Assistants & Training, University of Khartoum.</p>
Grants	
Publications	<p>Articles:</p> <ol style="list-style-type: none"> 1. Shaza W. Shantier; Mohammed M. Elimam; Magdi A. Mohamed; Elrasheed A. Gadkariem. Stability Studies on Lincomycin HCl Using Validated Developed Second Derivative Spectrophotometric

Method. *Journal of Innovations in Pharmaceutical and Biological Sciences* **2017**, 4 (4), 141–144.

2. **Magdi A. Mohamed**; Amina I. Dirar; Mohamed A. A. Elbadawi; Wadah J. A. Osman; Mona S. Mohammed; Sami Hamdoun. *In silico* Assessment of the Druggability of Two Novel Germacranolides Isolated from *Capparis decidua* (Forsk.) as Carbonic Anhydrase II inhibitors. *Journal of Applied Pharmaceutical Science* **2017**, 7 (1), 93–97.
3. Ruaa Mohamed akode; Shaza Wagiealla Shantier; Elrasheed Ahmed Gadkariem; **Magdi Awadalla Mohamed**. Simultaneous Determination and Stability Studies on Diminazene Diacetate and Phenazone using Developed Derivative Spectrophotometric Method. *International Journal of Analytical Chemistry* **2017**, Article ID 4269587, 1–6.
4. Mohammed M. Elimam; Shaza W. Shantier; Elrasheed A. Gadkariem; **Magdi A. Mohamed**; Zuheir Osman. Stability Studies on Florfenicol using Developed Derivative Spectrophotometric Methods. *Annales Pharmaceutiques Françaises* **2017**, 75 (1), 40–44.
5. Mohamed E. Adam; Shaza W. Shantier; Reem S.; **Magdi A. Mohamed**; Elrasheed A. Gadkariem. Development of Colorimetric method for Determination of Gabapentin using Ascorbic Acid as Chromogen. *Journal of Chemical and Pharmaceutical Research* **2016**, 8 (12), 131–135.
6. **Magdi A. Mohamed**; Amina I. Dirar; Sami Hamdoun. Discovery of Two Diacetylene Glycosides as Human Uridine-Cytidine Kinase 2 Inhibitors: An *In silico* Approach. *Journal of Applied Pharmaceutical Science* **2016**, 6 (11), 34–39.
7. Amina I. Dirar; Ayman Y. Waddad; **Magdi A. Mohamed**; Malik S. Mohamed; Wadah J. Osman; Mona Salih Mohammed; Mohamed A. A. Elbadawi; Sami Hamdoun. *In silico* Pharmacokinetic and Molecular Docking of Three Leads Isolated from *Tarconanthus camphoratus* L. *International Journal of Pharmacy and Pharmaceutical Sciences* **2016**, 8 (5), 71–77.
8. Mohammed Mutasim Elimam; Shaza Wagiealla Shantier; Elrasheed Ahmed Gadkariem; **Magdi**

Awadalla Mohamed. Development of Derivative Spectrophotometric Methods for the Analysis of Florfenicol in Bulk and Dosage forms. *International Journal of Pharmacy and Pharmaceutical Sciences* **2016**, 8 (5), 347–349.

9. Mohamed A. A. Elbadawi; Mohamed K. A. Awadalla; Marwa S. S. Osman; **Magdi A. Mohamed**; Mahmoud M. E. Mudawi; Muzamil M. Abdel Hamid; Malik S. Mohamed; Mohammed A. Gafar. Evaluation of antileishmanial activity of Valproic acid against *Leishmania donovani*: an Integrated *in silico* and *in vitro* study. *World Journal of Pharmaceutical Sciences* **2016**, 4 (2), 153–159.
10. Mohammed Mutasim Elimam; Shaza Wagiealla Shantier; Elrasheed Ahmed Gadkariem; **Magdi Awadalla Mohamed.** Development of Derivative Spectrophotometric Methods for the Analysis and Stability Studies of Colistin Sulphate. *Journal of Chemistry* **2015**, Article ID 624316, 1–5.
11. Safa Mohammed A. Saeed; **Magdi Awadalla Mohamed**; Shaza Wagiealla Shantier; Elrasheed A. Gadkariem; Esraa M. O. Ismail. Determination of Undeclared Sildenafil Citrate and Tadalafil in Aphrodisiac Herbal Preparations By TLC and HPLC. *International Journal of Innovative Pharmaceutical Sciences and Research* **2015**, 3 (6), 688–696.
12. Mohamed A. O. Mohamed; Shaza W. Shantier; **Magdi A. Mohamed**; Elrasheed A. Gadkariem; Esraa M. O. Ismail. Spectrophotometric Method for the Simultaneous Determination of Isoniazid and Rifampicin in Bulk and Tablet Forms. *International Journal of Pharmaceutical Sciences Review and Research* **2015**, 32 (2), 154–156.
13. Mohamed A. Abdallah Elbadawi; Mohamed Khalid Alhaj Awadalla; Muzamil Mahdi Abdel Hamid; **Magdi Awadalla Mohamed**; Talal Ahmed Awad. Valproic Acid as a Potential Inhibitor of Plasmodium falciparum Histone Deacetylase 1 (PfHDAC1): An *in silico* Approach. *International Journal of Molecular Sciences* **2015**, 16 (2), 3915–3931.
14. Fatima A. H. Mohamed; Bashier Osman; Elrasheed A. Gadkariem; Iman H. Abdoon; **Magdi A. Mohamed.** Evaluation of Lead Content in

Topical Cosmetics Commonly Used in Sudan. *World Journal of Pharmaceutical Research* **2015**, 4 (1), 204–211.

15. Amina I. Dirar; **Magdi A. Mohamed**; Esraa M.O. Ismail; Hassan S. Khalid; Fatimah Elfatih; Asaad Khalid. In Silico Molecular Docking of Di-(2-ethylhexyl) phthalate and 13-Hexyloxyacylcyclotridec-10-en-2-one Identified in *Ambrosia maritima* L. (Asteraceae). *World Journal of Pharmaceutical Research* **2014**, 3 (10), 08–16.
16. Amina I. Dirar; **Magdi A. Mohamed**; Hassan S. Khalid; Bashier Osman; Eltyeb Fadul; Asaad Khalid. In Vitro Antioxidant Activity and Phytochemical Profile of Three Antitumor medicinal plants Grown in Sudan. *World Journal of Pharmaceutical Research* **2014**, 3 (9), 136–142.
17. Amina I. Dirar; **Magdi A. Mohamed**; Bashier Osman; Hassan S. Khalid; Esraa M. O. Ismail; Malik S. Mohamed. Pharmacological Studies on Four Anti-Tumor Medicinal Plants Grown in Sudan. *International Journal of Research in Pharmacy and Chemistry* **2014**, 4 (4), 1004–1008.
18. Amina I. Dirar; **Magdi A. Mohamed**; Wadah J. A. Osman; Mona S. Mohammed; Hassan S. Khalid; Elrashied A. E. Garelnabi. Isolation and Characterization of potential Cytotoxic Leads from *Ambrosia maritima* L. (Asteraceae). *Journal of Pharmacognosy and Phytochemistry* **2014**, 3 (4), 38–41.
19. **Magdi A. Mohamed**; Mahmoud M. Eltahir; Abdalla A. Abdalla. Local Anesthetic Activity of p-Aminobenzohydroxamic Acid in Comparison to Benzocaine. *International Journal of Pharmaceutical Research and Bio-Science* **2014**, 3 (5), 132–136.
20. Shaza W. Shantier; Elrasheed A. Gadkariem; Mohamed O. Adam; **Magdi A. Mohamed**. Development of Stability-indicating Methods for Determination of Cefquinome Sulphate. *International Journal of Biomedical Sciences* **2013**, 9 (3), 162–167.
21. Elrasheed A. Gadkariem; **Magdi A. Mohamed**; Maha A. A. Jabbar. Kinetic Studies on the Coupling Reaction Between Tranexamic Acid and 2,6-Dichloroquinine-4-Chlorimide. *Advances in*

Pharmacy & Pharmacology **2013**, 1 (1), 1–7.

22. Elrasheed A. Gadkariem; **Magdi A. Mohamed**; Maha A. A. Jabbar. Assay of Tranexamic Acid via Coupling with Ascorbic Acid Using Kinetic Methods. *Elixir Pharmacy* **2013**, 54, 12331–12334.
23. **Magdi A. Mohamed**; Elrasheed A. Gadkariem; Maha A. A. Jabbar. Spectrophotometric Determination of Tranexamic Acid in Bulk and Dosage Forms Using Ascorbic Acid. *Journal of analytical Techniques* **2012**, 1 (2), 01–06.
24. Riham M. O. Ali Idris; Elrasheed A. Gadkariem; Kamal E.E. Ibrahim; **Magdi A. Mohamed**. Development of Spectrophotometric Method for Determination of Dopamine Hydrochloride in Bulk and Injectable Forms. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* **2012**, 3 (4), 1135–1145.
25. Elrasheed A. Gadkariem; **Magdi A. Mohamed**; Maha A. A. Jabbar. Spectrophotometric Method for the Determination of Tranexamic Acid in Bulk and Dosage Forms. *World Applied Sciences Journal* **2012**, 19 (9), 1263–1267.
26. Riham M. O. Ali Idris; Elrasheed A. Gadkariem; Kamal E.E. Ibrahim; **Magdi A. Mohamed**; Mohammed E. Hagga. Kinetic Method for Determination of Dopamine HCl in Bulk & Injectable Forms. *International Journal of Chemical Science and Technology* **2011**, 2 (2), 218–223.
27. Abdalla A. Abdalla; Osama Y. Mohamed; **Magdi A. Mohamed**; Mohamed Abdel Karim; IS Abdel Rahim. Pharmacological and Toxicological Studies on 3-Amino-5-acetoxy-2-bromo-1,4-Naphthoquinone Derivatives as Analgesic, Antipyretic and Anti-inflammatory Agents. *Omdurman Journal of Pharmaceutical Sciences* **2008**, 1, 493–505.
28. Abdalla A. Abdalla; BI Al-Naw; Mohamed Abdel Karim; **Magdi A. Mohamed**. Synthesis of 1-Hydroxy- and 1-Chloro-1-aryl-2-(N, N-dibenzylamino) ethanes as New β -Adrenergic Blockers. *Omdurman Journal of Pharmaceutical Sciences* **2007**, 1, 264–283.
29. Abdalla A. Abdalla; Kamal Eldin E. Ibrahim;

Magdi A. Mohamed; Haleema M. Alagib; Mohamed Abdel Karim. Synthesis of Salicylhydroxamic Acid as an Anti-inflammatory Agent. *The Sudan Journal of Veterinary Sciences and Animal Husbandry* **2005**, 44, 151–159.

Letters:

30. Mohamed E. Adam; Shaza W. Shantier; Reem S.; **Magdi A. Mohamed**; Elrasheed A. Gadkariem. Colorimetric method for the determination of Paromomycin Sulfate in Bulk and Dosage forms using Ascorbic acid. *Der Pharmacia Lettre* **2016**, 8 (17), 26–31.
31. Ken-ichi Yamada; Yuzo Mogi; **Magdi A. Mohamed**; Kiyosei Takasu; Kiyoshi Tomioka. Total Synthesis of (+)-trans-Dihydronarciclasine Utilizing Asymmetric Conjugate Addition. *Organic Letters* **2012**, 14 (23), 5868–5871.
32. **Magdi A. Mohamed**; Ken-ichi Yamada; Kiyoshi Tomioka. Accessing the amide functionality by the mild and low-cost oxidation of imine. *Tetrahedron Letters* **2009**, 50, 3436–3438.

Reviews:

33. Amina I. Dirar; **Magdi A. Mohamed**; Wadah J. A. Osman; Haidar Abdalgadir; Hassan S. Khalid. A Phytopharmacological Review on Four Antitumor Medicinal Plants Grown in Sudan. *American Journal of PharmTech Research* **2014**, 4 (5), 27–41.
34. Mona S. Mohammed; Wadah J. A. Osman; Elrashied A. E. Garelnabi; Zuheir Osman; Bashier Osman; Hassan S. Khalid; **Magdi A. Mohamed**. Secondary Metabolites as Anti-inflammatory Agents. *The Journal of Phytopharmacology* **2014**, 3 (4), 275–285.

Abstracts:

35. Abdalla Elbadri; **Magdi Awadalla Mohamed**. The Professional Doctorate of Pharmacy in Developing Countries - Sudan Initiative. International Conference on Professional Doctorates (ICPD), London, UK, **2018** (accepted).
36. Amina I. Dirar; Ayman Y. Waddad; **Magdi A. Mohamed**; Malik S. Mohamed; Wadah J. Osman; Mona Salih Mohammed; Mohamed A. A. Elbadawi; Sami Hamdoun. *In silico* Pharmacokinetic and Molecular Docking of Three Leads Isolated from *Tarconanthus camphoratus*. *Madridge*

	<p><i>International Conference on Medicinal and Pharmaceutical Chemistry, Dubai, UAE 2016</i>, page 60.</p> <p>37. Ibrahim AA; Mohamed MA; Khalid HS; Abd-Algadier H. Isolation of potential anti-tumor leads from biologically assessed plants grown in Sudan. <i>The Sixth International Congress of Aromatic and Medicinal Plants (CIPAM), Coimbra, Portugal 2016</i>, page 175.</p> <p>38. SM Ahmed; EA Gadkariem; MA Mohamed. <i>Conference abstract: Adulteration of Herbal Preparations with Sildenafil and Tadalafil. The Sixth Annual Post-Graduate Studies & Scientific Research Conference, Khartoum, Sudan 2015</i>, page 204.</p> <p>39. Amina I. Ahmed; Magdi Awadalla Mohamed; Hassan Khalid; Haidar Abdel Gadir. <i>Conference abstract: Cytotoxicity using Brine Shrimp Lethality Bioassay of some Anti-tumor Plants used in Sudanese Traditional Medicine. The Symposium of the Natural Products Research Network for Eastern and Central Africa (NAPRECA), Khartoum, Sudan 2013</i>, 15, page 64.</p> <p>40. Magdi A. Mohamed; Ken-ichi Yamada; Kiyoshi Tomioka. Accessing the amide functionality by the mild and low-cost oxidation of imine. <i>ChemInform Abstracts 2009</i>, 50, 3436–3438.</p> <p>41. Magdi A. Mohamed; Naoki Ishii; Kenichi Yamada; Kiyoshi Tomioka. <i>Conference abstract: Synthetic Studies towards (+)-Pancratistatin. The 129th Annual Meeting of The Pharmaceutical Society of Japan, Kyoto, Japan 2009</i>, page 109.</p> <p>42. Magdi A. Mohamed; Naoki Ishii; Kenichi Yamada; Kiyoshi Tomioka. <i>Conference abstract: Synthetic Studies towards Asymmetric Total Synthesis of (+)-Pancratistatin. The 128th Annual Meeting of the Pharmaceutical Society of Japan, Yokohama, Japan 2008</i>, page 17.</p>
Other	<p>Prizes Awarded: 01-2016: Jamal Elnefeidi Annual Award for Researches on Malaria. 06-2000: The University Prize for Best Student in Fifth (Final) Year, University of Khartoum 06-2000: SIGMA-TAU SUDAN's Prize for Best Student in Fifth (Final) Year, University of</p>

Khartoum.

06-2000: The University Prize for Best B.Pharm Student, University of Khartoum.

06-2000: The University Prize for Best Student in Pharmaceutical Chemistry in Fifth (Final) Year, University of Khartoum.

06-2000: The University Prize for Best Student in Pharmacognosy in Fifth (Final) Year, University of Khartoum.

06-2000: Ibrahim Gasim's Prize for Best B.Pharm Student in Pharmaceutics, University of Khartoum.

06-2000: Yusuf Badri's Prize for Distinguished B.Pharm Graduate, University of Khartoum.

01-1995: The University Prize for Best Student in First (Preliminary) Year, University of Khartoum.

Conferences, Symposia, Workshops, Meetings, Training:

1. Workshop for Formulating a Uniform Assessment Programme for All Sudan Medical Specialization Board (SMSB) Councils: Assessment Policy and Procedures Document, SMSB (March 18–30, **2017**, Khartoum, Sudan).
2. Experimental Design Workshop, Faculty of Pharmacy, University of Khartoum (February 11–March 11, **2017**, Khartoum, Sudan).
3. Biostatistics Workshop, Faculty of Pharmacy, University of Khartoum (December 04–22, **2016**, Khartoum, Sudan).
4. Clinical Leadership & Change Management Short Course, Educational Development Center, Sudan Medical Specialization Board (SMSB) in collaboration with University of Leeds, UK (November 26–28, **2016**, Khartoum, Sudan).
5. Technology Assisted Medical Research Workshop (TAMR), Educational Development Centre for Health Professions, Faculty of Medicine, University of Khartoum (November 15–19, **2016**, Khartoum, Sudan).
6. Inter-Country Meeting on Good Governance for Medicines for Phase II countries in the Eastern Mediterranean Region, WHO/EMRO (October 25–27, **2016**, Cairo, Egypt).
7. Training Site Accreditation Manual Endorsement Workshop, Sudan Medical Specialization Board (SMSB) (August 20, **2016**, Khartoum, Sudan).
8. Arab Pharmacists Union Golden Jubilee Congress (April 1–4, **2016**, Sharm El-sheikh, Egypt).

9. Computer-Aided Drug Design: Protein Ligand Docking Using SYBYL Software, Higher Council for Total Quality and Excellence, Alroia Alsabaa for Management Training and Human Resources Development (April 26–30, **2015**, Khartoum, Sudan).
10. The Sixth Annual Post-Graduate Studies & Scientific Research Conference, Medical and Health Studies Board, Graduate College, University of Khartoum (February 18–22, **2015**, Khartoum, Sudan).
11. Basic Concepts of Drug Design Using Computer, Higher Council for Total Quality and Excellence, Alroia Alsabaa for Management Training and Human Resources Development (January 20–22, **2015**, Khartoum, Sudan).
12. Inter-Country Meeting on Good Governance for Medicines for best-performing Phase II countries in Eastern Mediterranean Region, WHO/EMRO (September 22–25, **2014**, Muscat, Oman).
13. Bioethics an Interdisciplinary Approach: An Overview, University of Khartoum (March 11, **2014**, Khartoum, Sudan).
14. Training Course for Senior Administrative of Sudanese Universities, Yangzhou University (December 1–12, **2013**, Yangzhou, China).
15. Inter-country Meeting on Phase-II of the Good Governance for Medicines (GGM) Programme, WHO/EMRO (May 13–15, **2013**, Kuwait, Kuwait).
- Inter-country Feedback Meeting on Phase-I of the Good Governance for Medicines (GGM) Programme, WHO/EMRO (July 25–27, **2011**, Cairo, Egypt).
17. The fifth National Training Course on Computational Chemistry: Molecular Modeling & Design, Medical Biochemistry Research Unit, Medicinal and Aromatic Plants Research Institute, National Center for Research (March 13–17, **2011**, Khartoum, Sudan).
18. Graduate Studies and Scientific Research Annual Conference, Medical and Health Studies Board, Graduate College, University of Khartoum (February 25–27, **2011**, Khartoum, Sudan).
19. Good Governance for Medicines (GGM) Phase-I Training Package for Arabic Speaking Countries, WHO/EMRO (December 13–15, **2010**, Cairo, Egypt).
20. The 128th Annual Meeting of the Pharmaceutical

- Society of Japan (March 26–28, **2009**, Kyoto, Japan).
21. The 129th Annual Meeting of the Pharmaceutical Society of Japan (March 26–28, **2008**, Yokohama, Japan).
22. The First International Symposium on Process Chemistry (July 28–30, **2008**, Kyoto, Japan).
23. International Conference on Asymmetric Organocatalysis (May 28–29, **2007**, Otsu, Japan).
24. ICOB-5 & ISCNP-25 IUPAC International Conference on Biodiversity and Natural Products (July 23–28, **2006**, Kyoto, Japan).

Professional Appointments:

- 2004 – 2005:** Medical Representative, Matheely Pharmaceuticals Company, Khartoum, Sudan.
- 2002– 2004:** Medical Representative, Pharmaixir Pharmaceuticals Company, Khartoum, Sudan.
- 2000 – 2002:** Medical Representative, Rahma Pharmaceuticals Trading Company, Khartoum, Sudan

Participation in Professional, Community and Scientific Societies:

- 2016 – Date:** Member, Prescribing Guidelines Advisory Committee, Federal Ministry of Health, Sudan.
- 2016 – Date:** Member, Academic Committee, Khartoum International Preparatory School (KIPS), Khartoum, Sudan.
- 2016 – Date:** Reviewer, International Journal of Pharmacy and Pharmaceutical Sciences.
- 2016 – Date:** Reviewer, Journal of Applied Pharmaceutical Sciences.
- 2015 – Date:** Member, Editorial Board of Sudan Journal of Rational Use of Medicines (Directorate of Pharmacy and the WHO (country office in Sudan)).
- 2015 – Date:** Member, Editorial Board of the Journal of Medicinal Chemistry and Research (Aperito Online Publishing).
- 2015 – Date:** Member, Technical Committee for GGM program in Sudan, Federal Ministry of Health, Sudan.
- 2014 – Date:** Member, Consultancy Board of Pharmaceutical Services Development Training Center, National Medical Supplies Fund (NMSF), Sudan.
- 2013 – Date:** Vice-President, Pharmacy Specialization Board, Sudan Medical Specialization

Board.

2013 – 2014: Member, The Examination and Prizes Committee, University of Khartoum.

2013 – 2014: Rapporteur, The Academic Reform Committee, Faculty of Pharmacy, University of Khartoum.

2013 – 2014: Chairman, The Examination and Prizes Committee, Faculty of Pharmacy, University of Khartoum.

2013 – Date: Consultant, Sudan Kaizen for Continuous Professional Development.

2012 – Date: Member, Editorial Board of the Advances in Pharmacy and Pharmacology (Access International Journals).

2010 – 2014: Member, The Senate of the University of Khartoum.

2010 – 2014: Member, The Faculty Board of Pharmacy, University of Khartoum.

2017 – Date: Member, The Faculty Board of Pharmacy, University of Khartoum.

2010 – 2014: Member, The Faculty of Pharmacy Research Board, University of Khartoum.

2017 – Date: Member, The Faculty of Pharmacy Research Board, University of Khartoum.

2005 – 2009: Member, The Pharmaceutical Society of Japan.

2005 – 2009: Member, Kyoto Muslim's Association, Kyoto, Japan.

2000 – Date: Member, The Sudanese Pharmacists Union.

2000 – Date: Registered Pharmacist (2589), Sudan Medical Council.

Examination of Postgraduate Students (By Research):

- Internal Examiner for Sana A. Eshag (**Master**), University of Khartoum, Sudan (**2016**).

- Internal Examiner for Amna M. Awadelkreem (**Master**), University of Khartoum, Sudan (**2015**).

- Internal Examiner for Mona S. Mohammed (**PhD**), University of Khartoum, Sudan (**2014**).

- Internal Examiner for Nahla N. Mohammed (**Master**), University of Khartoum, Sudan (**2014**).

- Internal Examiner for Latifa B. Babiker (**PhD**), University of Khartoum, Sudan (**2013**).

- Internal Examiner for Reem S. Algilani (**Master**), University of Khartoum, Sudan (**2013**).

- Internal Examiner for Rashida S. Mohamad (**Master**), University of Khartoum, Sudan (**2013**).

Examination of Postgraduate Students (By Course

+ Research):

- External Examiner for Mona A. Mohammed, **Master of Science in Pharmacology (Clinical Pharmacy Specialization)**, University of Medical Sciences and Technology, Sudan (**2015**).

Examination of Postgraduate Students (By Course):

- Internal Examiner for Batch (9) students, **Master of Clinical Pharmacy**, University of Khartoum, Sudan (**2016**).

- Internal Examiner for Batch (8) students, **Master of Clinical Pharmacy**, University of Khartoum, Sudan (**2015**).

- Internal Examiner for Batch (7) students, **Master of Clinical Pharmacy**, University of Khartoum, Sudan (**2014**).

- Internal Examiner for Batch (6) students, **Master of Clinical Pharmacy**, University of Khartoum, Sudan (**2013**).

Examination of Professionals:

-Internal Examiner, **Fellowship of Pharmaceutical Services Management**, Pharmacy Specialization Board, Sudan Medical Specialization Board, Sudan (**2016**).

-Internal Examiner, **Fellowship of Pharmaceutical Services Management**, Pharmacy Specialization Board, Sudan Medical Specialization Board, Sudan (**2015**).

Examination of Undergraduate Students:

- External Examiner for B.Pharm students, Faculty of Pharmacy, International University of Africa, Sudan (**2016**).

- External Examiner for B.Pharm students, Faculty of Pharmacy, Sudan International University, Sudan (**2015**).

Areas of research:

1. Drug discovery (Alzheimer's disease, Cancer and Neglected Diseases e.g. Leishmaniasis, and Malaria).
2. Pharmaceutical Analysis (Development and validation of spectrophotometric and chromatographic methods for analysis of drugs).