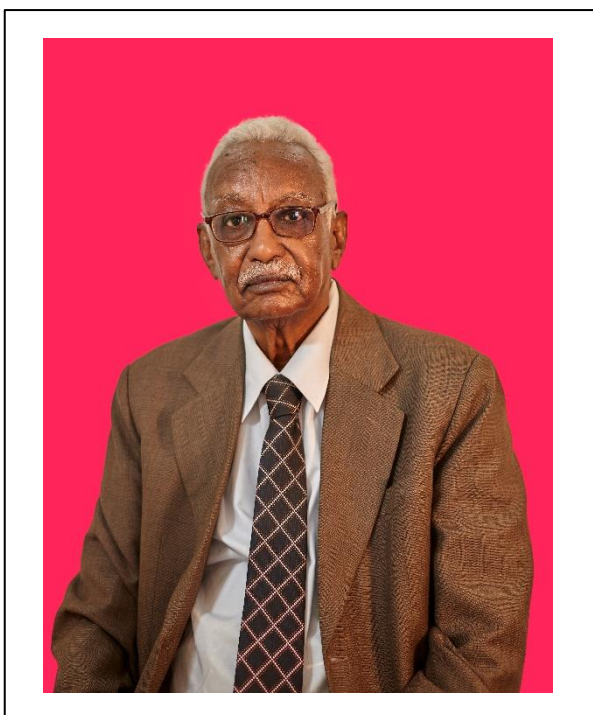


Curriculum Vitae



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Academic Information	
Teaching	<ul style="list-style-type: none"> • Teaching assistant, Faculty of Pharmacy, University of Khartoum, 1969. • Assistant professor, Faculty of Pharmacy, University of Khartoum, January 1974. • Assistant professor, King Saud University, Riyadh. Saudi Arabia, 1977. • Associate professor, King Saud University, Riyadh. Saudi Arabia, 1980. • Visiting Associate Professor, College of Pharmacy, Ohio State University, Columbus, Ohio state, USA, 1983. • Professor, King Saud University, Riyadh. Saudi Arabia, 1985. • Professor, Faculty of Pharmacy, University of Medical Sciences and Technology, Khartoum, Sudan, 2008. • Professor, Faculty of Pharmacy, University of Khartoum, since 2015. • Professor of Medicinal Chemistry, Faculty of Pharmacy, Nile University, since 2015
Supervision	<ul style="list-style-type: none"> • Supervision of three PhD students. • Supervision of many MSc students. • Supervision of many graduate student research projects.
Administrative	<ul style="list-style-type: none"> • Member of senate, University of Khartoum, 1974. • Head of the Department of Pharmaceutical Chemistry, University of Medical Sciences and Technology, 2008. • Dean of Faculty of Pharmacy, University of Medical Sciences and Technology, 2011. • Dean of Pharmacy Program, Nile College, Khartoum, Sudan, 2015.

Scholarships	<ul style="list-style-type: none"> • Scholarship from University of Khartoum. • Scholarship from the British Council
Grants	Three research grants, King Saud University, KSA.
Publications	<ol style="list-style-type: none"> 1. P.L. Birch, H.A. El-Obeid and M. Akhtar, "The Preparation of Chloromethylketone Analogues of Amino Acids: Inhibition of Leucine Aminopeptidase". Archives of Biochemistry and Biophysics, 148, 447-451 (1972). 2. M. Akhtar and H.A. El-Obeid, "Inactivation of Serine Transhydroxymethylase and Threonine Aldolase Activities". Biochim. Biophys. Acta, 258, 791-799(1972). 3. H.A. El-Obeid and M. Akhtar, "Glycidaldehyde: An Inhibitor Directed Towards the C1-Unit Binding Site of Serine Transhydroxymethylase". Biochem. Soc. Trans., 128 (1973). 4. Muhammad Akhtar, Humeida Ali El-Obeid and Peter M. Jordan, Mechanistic, Inhibitory and Stereochemical Studies on Cytoplasmic and Mitochondrial Serine Transhydroxymethylases". Biochem. J., 145, 159-168 (1975). 5. Peter M. Jordan, Humeida A. El-Obeid, David L. Corina and Muhammad Akhtar. "Mechanism of C2-C3 Bond Formation and Cleavage in Serine Transhydroxymethylase Reactions". J.C.S. Chem. Comm (2)., 73-74 (1976). 6. Hassan Y. Aboul-Enein, Humeida A. El-Obeid and A.A. El-Farra. "Synthesis and Monoamine Oxidase Inhibitory Activity of Some Pentafluorobenzylidines and their Corresponding Hydrazines." Pharm. Acta. Helv., 10, 282-284 (1980). 7. H.A. El-Obeid, A.E. Madani and D.R. Feller, "Spectral and Enzymatic Characteristics of the N-Demethylation of Ephedrine and α-Phenyl Homolog in Rabbit Liver Microsomes", The Pharmacologist, 25, 856 (1983). 8. T.A. Kocarek, H.A. El-Obeid, A.E. Madani and D.R. Feller, "N-Demethylation of Ephedrine Isomers and α-Phenyl Homolog in Rabbit Liver Microsomes: Effect of Induction", The Pharmacologist, 26, 242 (1984). 9. Humeida A. El-Obeid, Elamin I. Elnima and Abdullah A. Al-Badr, "Synthesis and Antimicrobial Activity of New Furan Derivatives", Pharm. Res., 55, 42-3 (1985). 10. Humeida A. El-Obeid, A.E. Madani, K.A. Al-Rashood, K.E.H. El-Tahir, A. Tilmisani and M.E. Ibrahim, "Synthesis and Pharmacological Activity of N- Alkyl-1,2-Diphenylethanolamines", Pharmaceutical Research, 4, 166-170 (1987). 11. K.E.H. El Tahir, H.A. El-Obeid, K.A. Al-Rashood, A.E. Madani and A.M. Ageel, "The Antiarrhythmic Activity of N-Alkyl-1,2-

- Diphenylethanolamines" *Pharm. Res.*, 6, 252-4 (1988)
12. K.A. Al-Rashood, A.A. Mustafa, A.A. Alhaider, O.T. Ginawi, A.E. Madani and **H.A. El-Obeid**, "Antipsychotic Properties of New N-(4-Substituted-1-Piperazinyloethyl)- and N-(4-Substituted-1-piperidinylethyl) Phthalimides", *J. Pharm. Sci.*, 77, 898-901 (1988).
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 14. K.E.H. El-Tahir, M.A.S. El-Naser, A.M. Ageel, **H.E. El-Obeid** and K.A. Al-Rashood, "Antiaggregatory Activity of N-Methyl- and N-Isobutyl-1,2-Diphenyl Ethanolamines in Rat Platelets", *Archives internationales de Pharmacodynamie et de Therapie*, 307, 162-171 (1990).
 15. K.E.H. El-Tahir, M.A.S. El-Naser, A.M. Ageel, **H.A. El-Obeid** and K.A. Al-Rashood, "Cardiovascular Depressant Effects of N-Methyl- and N-Isobutyl-1,2-Diphenyl Ethanolamines: Elucidation of the Mechanisms of Action", *Archives internationales de Pharmacodynamie et de Therapie*, 309, 88-102 (1991).
 16. K.E.H. El-Tahir, M.A.E. El-Naser, A.M. Ageel, **H.A. El-Obeid**, "Effects of N-Methyl- and N-Isobutyl-1,2-Diphenyl Ethanolamine on the Spontaneous and Evoked Contractions in the Rat Isolated Uterus", *Gen. Pharmac.*, 22, 685-690 (1991).
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- Mechanisms of Action", General Pharmacology, the Vascular System, 33, 17-22 (1999).
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 12. Abdullah A. Al-Badr and **Humeida A. El-Obeid**, "Acetylcholine Chloride: Physical Profile", Analytical Profile of Drug Substances, Excipients and Related Methodology, Vol. 31, p.3-19 (2004).
 13. Abdullah A. Al-Badr and **Humeida A. El-Obeid**, "Acetylcholine Chloride: Analytical Profile", Analytical Profile of Drug Substance, Excipients and Related Methodology, Vol. 31, p.21-115 (2004)

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2. **H.A. El-Obeid** and M.M.A. Hassan, "PMR Determination of Cineole in Eucalyptusw Oil. Spectroscopy Letters, 12 , 427-38 (1979).
3. **H.A. El-Obeid** and M.M.A. Hassan, "PMR Assay of Essential Oils: II. Assay of Methylsalicylate in Wintergreen Oil. Spectroscopy Letters, 12 , 555-557 (1979).
4. M.M.A. Hassan, El-Sayed Aboutable and **H.A. El-Obeid**, "PMR Assay of Essential Oils III. Assay of Allylisothiocyanate in Mustard Oil." Spectroscopy Letters, 13, 199-204 (1980).
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- Balsams." Spectroscopy Letters, 13, 361-371 (1980).
7. **H.A. El-Obeid** and A.I. Jado, "A New Colorimetric Assay of Sulfonamides in Pharmaceutical Formulations." Analytical Lett., 14, 129-136 (1981).
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 10. **Humeida A. El-Obeid**, Jaber S. Mossa and Mahmoud M.A. Hassan, "PMR Assay of Essential Oils VII. Assay of Linalool in Coriander Oil", Analytical Lett., 15(A9), 757-761 (1982).
 - 11 **Humeida A. El-Obeid**, "Colorimetric Determination of Epinephrine, Norepinephrine and Isoproterenol in Pharmaceutical Dosage Forms", Analytical Lett., 17(B9), 771-777 (1984).
 - 12 **Humeida A. El-Obeid**, "Determination of Diethylcarbamazine Citrate in Tablets by Proton Magnetic Resonance", Spectroscopy Letters, 17, 361-367 (1984).
 13. **H.A. El-Obeid**, A.E. Madani, J.S. Mossa, M.S. Rashed and M.A. Ibrahim, "Spectroscopic Determination of Cinnamaldehyde in Cinnamon and Cassia Oils", Pharmazie, 39,778-9 (1984).
 14. A.M. Wahbi, M.A. Abounassif, **H.A. El-Obeid** and E.A. Gad-Kareim, "Spectrophotometric Determination of Pirenzepine Dihydrochloride Using ΔA method". IL Farmaco, 40, 334-338 (1985).
 15. A.M. Wahbi, M.A. Abounassif, **H.A. El-Obeid** and A.M. Al-Julani, "Determination of Pirenzepine Dihydrochloride in the Presence of Degradation Products Using First Derivative Spectrophotometry", Arch. Pharm. Chem., Sci. Ed., 14, 69-72 (1986).
 16. A.M. Wahbi, **H.A.El-Obeid** and E.A.Gad-Karim,"Spectrophotometric Determination of Diethylcarbamazine Citrate via Charge-Transfer Complex", IL Farmaco, 41, 210-214 (1986).
 17. F.S. El-Shafie, E.A. Gad-Kariem, K.A. Al-Rahood, H.A. Al-Khamees and **Humeida A. El-Obeid**, "Colorimetric Method for the Determination of Ampicillin and Amoxicillin, Analytical Letters, 29(3), 381-393 (1996).
 18. **H.A. El-Obeid**, E.A. Gad-Kariem, K.A. Al-Rashood, H.A. Al-Khamees, F.S. El-Shafie and G.A.M. Bawazeer, "A Selective Colorimetric Method for the Determination of Penicillins and Cephalosporins with α -Aminoacyl Functions". Analytical Letters, 32, 2809-2823 (1999).
 19. E. A. Gagkariem, K. E.E. Ibrahim, N. A. A. Kamil, M. E M. Haga and **H. A. El-Obeid**, "A new Spectrophotometric Method for the Determination of Methyldopa", Saudi Pharmaceutical Journal, 17, 303-309 (2009).
 - 20.E. A. Gadkariem, M. M. Mutasim, K. E. E. Ibrahim and **H. A. El-Obeid**, "Spectrophotometric methods for the determination of sefprozil in bulk and dosage form". International J. Biomed. Sci. 5(3): 267-274 (2009).
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ABSTRACTS PRESENTED BEFORE MEETINGS
(HUMEIDA ALI EL-OBEID, Ph.D.)

	<ol style="list-style-type: none"> 1. H.A. El-Obeid and M. Akhtar. "Glycidaldehyde: an Inhibitor Directed Towards the C1 Unit Binding Site of Serine Transhydroxymethylase." Presented before the Biochemical Society Meeting, Southampton, England (1973). 2. H.Y. Aboul-Enein and H.A. El-Obeid. "Synthesis and MAO Inhibitory Activity of Pentafluorobenzylidenes and their Corresponding Hydrazines." Presented before the VIth International Symposium of Medicinal Chemistry, Brighton, England (4th-7th September, 1978). 3. A.E. Madani, H.A. El-Obeid, A.K. Tilmisany and K.A. Al-Rashood, "Synthesis and Pharmacological Activity of Some N-Substituted-1,2-Diphenyl- ethanolamines." Presented before the 31st National Meeting, Academy of Pharmaceutical Sciences, American Pharmaceutical Association, Orlando, Florida, Nov. 15-19, 1981. Vol. 11, No. 2, Abstract No. 19, page 115. 4. H.A. El-Obeid, A.E. Madani and D.R. Feller, "Spectral and Enzymatic Characteristics of the N- Demethylation of Ephedrine and α-Phenyl Homolog in Rabbit Liver Microsomes." Presented before the Annual Meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET 1983), Philadelphia, Pennsylvania, U.S.A. (1983). Published in the Pharmacologist, 25(3), 856 (1983). 5. T.A. Kocarek, H.A. El-Obeid, A.E. Madani and D.R. Feller, "N-Demethylation of Ephedrine Isomers and α-Phenyl Homolog in Rabbit Liver Microsomes: Effect of Induction." Presented before the Annual Meeting of the American Society for Pharmacology and Experimental Therapeutics (ASPET 1984), Indianapolis, Indiana, U.S.A. (1984). 6. H. A. El-Obeid , M. A. Abounassif , E. A. Gad-Kariem and K. E. Ibrahim, " Chemical and Photochemical Stability Studies on Danazol in Carbohydrates and Polyols Solutions." Presented before the IUPAC-2005 Meeting, organized by the Chinese Chemical Society, Beijing, China August 2005. 7. Humeida Ali El-Obeid, "Medicinal Chemistry-Based Therapeutic Evaluation" Presented before the 18th Congress of Scientific Association in Arab World (18-19 Nov. 2015), hosted by Faculty of Pharmacy, Omdurman Islamic University, Khartoum, Sudan. 8. Contributed to many other national conferences hosted by the UMST, Ministry of Health. Ministry of High Education, WHO, Sudan Medical Board and The Directorate Drugs & Poisons.
Other	<ul style="list-style-type: none"> • In 1999 professor El-Obeid was internationally recognized as one of the most distinguished scientists in the world by the American Scientific Enterprise and his personal details, academic and research achievements were included in "WHO IS WHO IN THE WORLD" book which has a world-wide distribution among scientific and research establishments. • He has participated and attended many national regional and international scientific conferences, meetings and workshops.

- He has contributed and is contributing to the activities of many of committees constructed by the Ministry of High Education & Scientific Research, Ministry of Health, Sudan Medical Counsel and Sudan Medical Specialization Council.
- He has published over 70 papers and review articles in international journal and contributed to many scientific meetings and workshops. He supervised many PhD and Master Degree theses at King Saud University, University of Khartoum, Ahfad University for Women and University of Medical Sciences & Technology.

Membership:

- Member of the American Chemical Society (ACS, USA).
- Member of the Division of Organic Chemistry (USA).
- Member of the Division of Medicinal Chemistry (USA).
- Member of the Division of Biological Chemistry (USA).
- Member of the Royal Pharmaceutical Society of Great Britain.
- Member of the Royal Biochemical Society, GB.

Research Interests:

- Design, synthesis, structural characterization and biological evaluation of new and potentially active drugs. The search for bioactive therapeutic agents is targeting molecules with cardiovascular, anticancer and CNS activities as well as antimicrobial agents.
- The study of chemical and photochemical stability of drugs and pharmaceutical substances.
- Study of the biotransformation and its effects on drug's activity, toxicity, interactions and formulations as well as its use in drug design.
- Development of innovative methods of drug analysis for QC and QA