

CURRICULUM VITAE Dr. NAGAT M. SAEED MASAUD (PhD, MPhil, MSc)

PERSONAL DETAILS

Sex : Female
Nationality Libyan
Marital state: (Married)
Address: Tripoli-Libya
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PROFESSIONAL EXPERIENCE

- 2023 – Up to date** Director of the postgraduate studies and training office at Tripoli University, Faculty of medicine Tripoli- Libya.
- 2020 – Up to date** Member of the faculty members syndicate at Faculty of medicine Tripoli- Libya.
- 2021 – 2023** Member of the evaluation and measurement Faculty members syndicate at Faculty of medicine Tripoli- Libya
- 2021 - Up to date** Professor of pharmacology. Tripoli University, Faculty of medicine, department of pharmacology. Tripoli- Libya.
- 2017Jul - Jul 2021** Associate professor in pharmacology. Tripoli University, Faculty of medicine, department of pharmacology. Tripoli- Libya.
- 2013 March -2017** Assistant professor in pharmacology. Tripoli University, Faculty of medicine, department of pharmacology. Tripoli- Libya.
- 2007-2013** Lecturer in pharmacology. Tripoli University, Faculty of medicine, department of pharmacology. Tripoli- Libya.
- 2002-2006** Full time PhD student, Sheffield University, faculty of medicine. Clinical sciences centre- Northern General Hospital. Sheffield- England (UK)
- 2001-2002** Full time MPhil student, Sheffield University, faculty of medicine. Clinical sciences centre- Northern General Hospital. Sheffield- England (UK)
- 2000-2001** Lecturer in medical microbiology and immunology. Tripoli University, Faculty of medicine, department of pharmacology. Tripoli- Libya.
- 1998-2000** MSc student and demonstrator (laboratory teaching 3rd year medical students) . Tripoli University Faculty of medicine, department of medical microbiology and immunology. Tripoli- Libya

EDUCATION AND QUALIFICATIONS

- November/ 2006** PhD in medical sciences (molecular pharmacology).University of Sheffield (UK), Faculty of medicine. Clinical sciences centre- Northern General Hospital (NGH). Sheffield- United kingdom (UK).
- July/ 2002** MPhil in Molecular pharmacology. University of Sheffield (UK), Faculty of medicine. Clinical sciences centre- Northern General Hospital (NGH). Sheffield- United kingdom (UK).
- Jun /2000** MSc in Medical Microbiology and Immunology. Tripoli University, Faculty of medicine, department of Medical Microbiology and Immunology Tripoli- Libya.

SCIENTIFIC SKILLS

1. Molecular biology laboratory /skills and experiences:

- Phage display technology and identification of disease specific motifs by phage display techniques.
- Antibody engineering and synthesis of recombinant monoclonal antibodies (scFv and Fab)
- Cloning and analysis of thyroid stimulating hormone receptor autoantibodies.
- Discovery new drug therapy (peptides) for treatment of Grave's disease.
- Cloning and election of scFv fragments from Graves' disease patient B cell Lines.
- Cloning of TSHR autoantibody (Fab) fragments from Graves' disease patient's B cells employing a phage display system.
- Expression and purification of human thyroid stimulating hormone receptor: GPI anchored extracellular domain and holoreceptor.
- Cloning of antibody variable domains (scFv) fragments from mouse hybridoma employing a phage display system.
- Cloning of antibody variable domains (scFv) from mouse spleen cell repertoires employing a phage display system.
- Epitope mapping of mouse-TSHR monoclonal antibodies using phage displayed random peptide library.
- Identification of the peptides that binds and inhibits the function of a mouse monoclonal thyroid stimulating antibody from phage displayed peptide library.
- Polymerase chain reaction (PCR) and RT-PCR.
- SDS-PAGE, western blotting, dot blot techniques and ELISA.
- Preparation of mice spleen cells, cAmp activity test
- Extraction of mRNA from tissues and blood (human and animal)
- Agarose gel electrophoresis, isolation and purification of DNA, restriction digestion of DNA, ligation of DNA. Construction of DNA plasmid, bacterial transformation and plasmids preparation.
- RNA extraction and cDNA synthesis and cloning and analysis of DNA and sequencing analysis.
- Protein expression in bacterial cells, preparation of bacterial cell extracts and purification of protein
- Cell culture techniques, stable and transient cell transfection and isolation of clonal lines.
- Preparation, purification, and quantification of protein from mammalian cell
- Flowcytometer analysis (FACS) and Tissue cell culture

2. Microbiology and clinical immunology skills and Experiences

- Laboratory diagnosis of infectious Diseases
- Isolation, morphology, cultural characters, biochemical testing of pathogenic bacteria.
- Antibiotics sensitivity tests: discs diffusion, tube dilution methods, MIC and MBC and serum bactericidal assay, Beta-lactamase test and MRSA, Immunological and serological methods for microbial infections, Blood culture techniques, Serodiagnosis of virus infections, Laboratory diagnosis of fungal infections microscopic and macroscopic examination of cultural characteristic and slide culture techniques.
- Laboratory methods for detection of antigen and antibodies and cellular immunity, ELISA, Latex agglutination tests: RF, CRP, and Pregnancy test, VDRL test, TPHA-test, Hemagglutination inhibition test, slide agglutination test, Coagglutination and Neutralization test, ABO blood group and detection of antigen and antibodies to erythrocytes

3. Pharmacological and Pharmaceutical skills and experiences

Standard methods and techniques used for evaluation of drugs (Pharmaceutical and pharmacological).

ATTENDED COURSES

- Library skills October 2006, Sheffield University, United kingdom.
- Getting more out of supervision March 2006, Sheffield, United kingdom.
- The Induction and regulation of immunity. British society for immunology, BSI Summer School, University of Bristol 16-19 September 2003.
- Radiation protection for workers, 28th March 2003, Sheffield University, United kingdom

- English language 2002, Sheffield University, United kingdom
- English language 2001, ELTC UMIST, ManchesterUniversity, United kingdom
- Biostatistics course 2001, Salford University, United kingdom
- Computer sciences 2001 and EXCEL program Salford University, United kingdom
- Computer sciences 1997 Tripoli-Libya

DISTINCTION PRIZES

- 1998 In Clinical Bacteriology awarded by medical research unit. Tripoli University Faculty of medicine, department of medical microbiology and immunology. Tripoli- Libya
- 2001 Financial award for PhD study awarded by Tripoli University Faculty of medicine
- 2008 Certificate of acknowledgement from Student Union, Tripoli University Faculty of medicine
- 2013 Certificate of acknowledgement from office of faculty teaching staff, Tripoli University Faculty of medicine
- 2017 Certificate of acknowledgement and appreciation from office of faculty teaching staff, Tripoli University Faculty of medicine
- 2021 Certificate of thanks and appreciation from office of faculty teaching staff, Tripoli University Faculty of medicine
- 2022 Certificate of acknowledgement from Student Union, Tripoli University Faculty of medicine
- 2023 Certificate of acknowledgement from Student Union, Tripoli University Faculty of medicine
- 2024 Certificate of acknowledgement from Student Union, Tripoli University Faculty of medicine

LANGUAGE

English: Very good

Arabic: Mother Language

PRESENTATION AND PUBLICATION

Nagat M. Saeed, Aisha S. Elrayani , Roba F. Sherif , Fathi M. Sherif (2022) Postpartum depression and associated risk factors in Libya. *Mediterr J Pharm Pharm Sci*. 2 (2): 79 - 89. <https://doi.org/10.5281/zenodo.6780513>.

Sherif RF, **Saeed NM**, Sherif FM (2021) Pharmacotherapy and associated risk factors for pulmonary tuberculosis. *Mediterr J Pharm Pharm Sci* 1(4): 84-89. <https://doi.org/10.528/zenodo.5806168>

Roba F Sherif, Sanna A Azzobeak, Rowaida M Almozoghi and **Nagat M Saeed**. A screening of obsessive compulsive disorder in pharmacy students. *Mediterranean Journal of Pharmacy and Pharmaceutical Sciences*. 2021; 1(2): 1-6.

Roba F Sherif, **Nagat M Saeed**, Gofran A Sherif, Khiri S Rabab and Fathi M Sherif. Prevalence of depression among Libyan medical students. *Iberoamerican Journal of Medicine*. 2021; 3(3):196-203.

Samia A Hassan, Fatma M Ben Rabha, Mabruka S Elashheb, Lamees A Ben Saad, **Nagat M Saeed**, Mahmoud A Arhima and Hiyam Bin Rajab. Over the counter drugs used by Libyan women before and during pregnancy. *Trends in Drug Delivery*. 2021; 8(1): 14-21.

Nadia A Etaher, **Nagat M Saeed**, Musa M Elmejrab, Roba F Sherif and Fathi M Sherif. Prescribing patterns of methotrexate in Libyan patients with rheumatoid arthritis. *Journal of Pharmacological research and Developments*. 2021; 3 (1): 21-27.

Nadia A Etaher, **Nagat M Saeed**, Haneen I Aween, Marwa A Elajam and Fathi M Sherif. Efficacy and Safety of sitagliptin in Type 2 diabetic Libyan patients. *South Asian Research Journal of Medical Sciences*. 2021; 3(1): 7-13.

Nagat M Saeed, Nadia A Etaher, Mariam A Almelady, Roba F Sherif and Fathi M Sherif. Concerns and awareness of Libyan patients with Acne about isotretinoin. *South Asian Research Journal of Pharmaceutical Sciences*. 2021; 3(1): 1-5.

Mohamed-Ahdy Saad, Emad-El-Deen M El-Henawy, Adel H Omar, Amgda A Mansour, Hatem M Samy, Mahamoud H El-Odemi, Mohamed Abouelkeir and **Nagat M Saeed**. Impaired glucose tolerance secondary to partial intestinal ischemia is reversed by sitagliptin. *Indian Journal of Physiology and Pharmacology*. 2018; 62(2): 224-230.

Fatma M. Ben Rabha, Mabruka S. Elashheb, **Nagat M. Saeed**, Samia A Hassan and Lamees A. BenSaad. Mechanistic studies on Aziridinyl Benzoquinones in cultured tumour cells. *Alkhala Journal. Seventh issue (Jun, 2017); p-690-709. Libya.*

Hassan SA, Elashheb MS, Benrabha FM, **Saeed NM** and Ben Saad LA. Fetal outcome following maternal treatment with antiepileptic drugs. *SAS Journal of Medicine. Volume-3; Issue-6 (Jun, 2017); p-135-139.*

Lamees A. BenSaad, Kim Kah Hwi, Mabruka S. Elashheb, **Nagat M. Saeed**, Samia A Hassan and Fatma M. Ben Rabha, Analgesic effects of Libyan fresh Pomegranate fruit of Punic Granatum. *Journal of humanitarian, Scientific and Social sciences 2nd issue, 2016, p.96-114.*

Abdulfatah Albakoush, Mabruka Elashheb, **Nagat M. Saeed**, and Fatma Benrabaha. The effect of Risperidone and Haloperidol on clinical picture and some biochemical parameters of schizophrenia Libyan patient. *Journal of humanitarian, Scientific and Social sciences 1st issue, 2016, p. 14-28.*

Salem O Ali, **Nagat M Saeed**, Fatma M Ben Rabaha and Mabruka S Elashheb. Identification of human cytochrome P450 isozymes responsible for the *in-vitro* oxidative demethylation of 4-dimethylamino antipyrine. *The new Egyptian Journal of Medicine, Febuary- 2013, vol 48, No. 2 pages 73-79.*

Nagat M Saeed and Phil F Watson. Use of phage display to isolate peptides that bind and inhibit the function of a mouse monoclonal thyroid stimulating antibody. *The Seventh Libyan Diabetes and Endocrinology Conference, April 7-9, 2009 Tripoli, Libya.*

Nagat M Saeed and Phil F Watson. A method for identification of peptides that bind to a monoclonal antibody against thyroid stimulating hormone receptor. *The sixth Jamahiriya Medical Sciences Conference. 19-22 March 2009 Alzawia city-Libya.*

Philip F Watson, **Nagat M Saeed**. Thyroid Autoantigens: *In Autoimmune Diseases in Endocrinology*: edited by Antony P. Weetman, **Page 95-116, 2008**, Humana Press- Totowa, New Jersey.

Nagat Saeed, Phil Watson and Anthony Weetman. Epitope mapping of a thyroid stimulating hormone receptor monoclonal antibody using phage display peptide libraries. *The Endocrine Society's 88 Annual meeting, 24-27 June 2006. Boston, Massachusetts, USA*

Nagat Saeed, Phil Watson and Anthony Weetman. Characterisation of monoclonal TSHR antibody epitope using phage display. *Special regional event for the 50th Anniversary year of the British Society for Immunology 15th March 2006. Sheffield- UK*

N Saeed, J Gilbert, P Rao, JP Banga, AP Weetman and PF Watson. Cloning and analysis of thyrotropin receptor (TSH-R) autoantibodies in autoimmune thyroid disease. *5th Annual Recombinant Antibodies Conference, 28-29 April 2004. Cambridge, Massachusetts, USA*

Ghenghesh KS, **Saeed NM**, EL-Ghodban A, Rahouma A and Abeid SS. Dirty money: Toxigenic and methicillin resistant *Staphylococcus aureus* (MRSA) from used bank notes. *JMJ, 2: 54-56 (2001).*

Mohamed A. Daw; **Nagat M. Saeed** and H. Maghur. Prevention of intravenous catheter associated infection (CAI). *Journal of Postgraduate Doctor, volume 20 NO. 2 March/April 1997.*

T. Naas; **N. Saeed**; H. Maghour; K. Ghenghesh and M. Daw, The epidemiology of *Staphylococcus aureus* at teaching hospital with particular reference to MRSA. *The first conference on postgraduate studies in medical sciences 31 March- 2 April 1997. Bengaze-Libya*

N. Saeed and M. Daw. *Coagulase negative Staphylococci and catheter problems. Microbiology meeting, Faculty of medicine, Tripoli University, 4. January 1995 Tripoli-Libya.*

Ghenghesh, K.S; **Saeed, N. M** and Daw, M. A. Isolation of multiresistant *Staphylococcus aureus* from used bank notes. *XVIII Congresso Brasileiro Microbiologia DE O2 A 05 DE SETEMBRO DE 1995. Barasil.*

H.M. El-Masarati; A.A. Rhoma, S.F. Tloba, **N. M Saeed**; K. S. Ghenghesh and M. A. Daw. The Emergence of Resistant Gram-Negative Bacilli at Tripoli teaching Hospital. *Jamahiriya's second conference on medical sciences 8-11 May 1995. Tripoli- Libya.*

Referees

Prof. Anthony P. Weetman. Dean of medical school, Sheffield University U.K Clinical Sciences Centre, Royal Hallam Shire Hospital (RHH), Tel 044+ 1142712357 e-mail a.p.weetman@sheffield.ac.uk or secretary Ms Kathryn Watson. Tel 044+1142712570 e-mail k.f.watson@sheffield.ac.uk Sheffield S10 2RX, UK

Prof. Eissa Mohammed El-Muradi. Head of department of pharmacology, Faculty of Medicine, Tripoli University, Tripoli- Libya. Mobile phone 00218+925030620.

Prof. Mohammed Ali Daw. Head of department Medical microbiology and immunology, Faculty of Medicine, Tripoli University, Tripoli- Libya. Tel 00218-912144972 e-mail mohamedadaw@gmail.com or daw@www.dmil.ly