



Obeid Eltreifi Obeid

Professor

Personal Data

Nationality | Sudanese

Date of Birth | 23/08/1961

Department | Microbiology

Official UoD Email | oeltreifi@uod.ed.sa

Office Phone No. | 31075

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1994	PhD	University of London	UK
1995	DLSHTM	University of London	UK
1990	MSc	University of London	UK
1986	MBBS	University of Khartoum	Sudan

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD.	Immune responses to synthetic peptides representing B- and T-cell epitopes of measles' hemagglutinin
Master	Analysis of immune responses to the measles virus fusion protein

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Professor	Microbiology	College of Medicine, University of Dammam, KSA	Feb 2013 to date
Associate Professor	Microbiology	College of Medicine, University of Dammam, KSA	Dec 2007 – Feb 2013
Assistant Professor	Microbiology	College of Medicine, University of Dammam, KSA	April 1998- Dec 2007



Job Rank	Place and Address of Work		Date
Fellow of London School of Hygiene and Tropical Medicine	Clinical Sciences	London School of Hygiene & Tropical Medicine, University of London, UK	Aug 1993 – April 1998
Demonstrator	Microbiology	Faculty of Medicine, University of Khartoum, Sudan	1988 – 1993

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Medical Officer (Resident)	Nyala Teaching Hospital, Nyala, Sudan	1987 – 1988
Intern	Khartoum North Teaching Hospital, Souba University Hospital, Khartoum, Sudan	1986 – 1987

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Manal I. Hassan, Khaled R. Alkharsah, Alhusain J. Alzahrani, Obeid OE, Amar H. Khamis, Asim Diab .	Detection of extended spectrum beta lactamase-producing isolates and effect on AmpC overlapping.	J Infect Dev Ctries 2013; 7(8), 618-629.
2	Elhadi N, Bashawri L, Aljeldah M, Imamwerdi B, Alzahrani F, Obeid OE, Diab A, Nishibuchi M.	Molecular characterization of <i>Vibrio cholerae</i> non-O1/non-O139 isolated from coastal water of Arabian Gulf.	African J Microbiol Res 2012; 6(2), 447-452.
3	Alakloby OM, Al-Ghamdi SA, Al-Adnan AM, Al-Qahtani MH, Al-Baradie RS, Obeid OE.	Ataxia telangiectasia with abnormal cellular immunity.	Internat J Case Reports and Images. 2012;3(4):26–29.
4	Al Sheikh RH, Koura M, Obeid OE.	Knowledge of primary school students about H1N1 in Saudi Arabia.	J KAU: Med Sci. 2012; 19(18) 125-137.
5	Obeid OE, Hassan MI.	Assessment of inflammatory cytokines and soluble adhesion molecules in patients with systemic inflammatory response syndrome in an intensive care unit of a Saudi tertiary hospital.	2011; 5 (32) 5964-5968.
6	Obeid OE.	Hepatitis C virus (HCV) and the genome-wide association studies: The role of IL-28B in HCV chronicity.	2011; 2 (12): 479-483.



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
7	Obeid OE, Alzahrani AJ.	Analysis of hepatitis C virus infection among sickle cell anemia patients by an antigen-antibody combination assay.	Microbiol Res 2011; 2(e26): 95-97.
8	Obeid OE.	Prevalence of human herpes virus 6 (HHV-6) antibodies and viral DNA in Saudi renal transplant recipients.	Internat Res J Microbiol 2011; 2(6): 159-162.
9	Obeid OE.	Molecular and serological assessment of parvovirus B19 infections among sickle cell anemia patients.	J Infect Dev Ctries 2011; 5(7):535-539.
10	Obeid OE.	Characterization of human rotavirus subgroups and serotypes in children under five with acute gastroenteritis in a Saudi hospital.	Journal of Family and Community Medicine 2011; 18 (1): 22-25.
11	. Obeid OE, Alzahrani AJ.	Analysis of chemokines and soluble adhesion molecules in cytomegalovirus-positive renal transplant recipients.	J Infect Dev Ctries 2010; 4: 110-113.
12	Alzahrani AJ, Obeid OE, Hassan MI, Almulhim AA.	Screening of pregnant women attending the antenatal care clinic of a tertiary hospital in eastern Saudi Arabia for Chlamydia trachomatis and Neisseria gonorrhoeae infections.	Indian J Sexually Transmitted Dis and AIDS 2010; 31 (2): 81-86.
13	Akhtar N, Alzahrani AJ, Obeid OE, Dassal D.	In Vitro ciprofloxacin resistance patterns of gram-positive bacteria isolated from clinical specimens in a teaching hospital in Saudi Arabia.	J Ayub Med Coll Abbottabad 2009; 21: 54-56.
14	Alzahrani AJ, Hassan MI, Obeid OE, Diab AE, Qutub HO, Gupta RK.	Rapid detection of procalcitonin as an early marker of sepsis in intensive care unit in a tertiary hospital.	International J Medicine and Medical Sciences 2009; 1(11):516-522.
15	Alakolby OM, Alzahrani AJ, Obeid OE, Al-Jabre SH, Bukhari IA, Taha A.	Seroprevalence of herpes simplex virus in dermatology patients.	J Saudi Society Dermatology Dermatologic Surgery 2009; 13(2):30-35.
16	Alzahrani AJ, Dela-Cruz DM, Obeid OE, Bukhari HA, Al-Qahtani AA, Al-Ahdal MN.	Molecular detection of hepatitis B, hepatitis C, and torque teno viruses in drug users in Saudi Arabia.	J Med Virol 2009; 81(8):1343-7.
17	Alzahrani AJ, Obeid OE, Al-Ali A, Imamwardi B.	Detection of hepatitis C virus and human immunodeficiency virus in expatriates in Saudi Arabia by antigen-antibody combination assays.	J Infect Dev Ctries 2009; 3(3):235-8.



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
18	Obeid OE.	Prevalence of Syphilis, Herpes Simplex Virus Type 2, HIV and Chlamydia infections in Saudi Drug Users. Journal of Saudi	Society of Dermatology and Dermatologic Surgery 2008; 12: 42-47.
19	Obeid OE.	Prevalence of Herpes Simplex Virus Types 1 and 2 and Associated Sociodemographic Variables in Pregnant Women Attending a University Hospital.	Journal of Family and Community Medicine 2007; 13: 3-7.
20	Alzahrani AJ, Obeid OE, Almulhim A, Awari B, Taha A, Al-Ajmi F, Al-Turkistani H.	Analysis of herpes simplex 1 and 2 IgG and IgM antibodies in pregnant women and their neonates.	Saudi Journal of Obstetrics and Gynecology 2005; 5(1): 53-59.
21	Alzahrani AJ, El-Harith A, Milzer J, Obeid OE, Stuhrman M, Al-Dayel A, Mohamed EA, Al-Egail S, Doud M, Chowdhury A, Guella A, Aloraifi I, Schultz TF.	Increased seroprevalence of human herpes virus-8 in renal transplant recipients in Saudi Arabia.	Nephrology Dialysis Transplantation 2005; 20(11): 2532-2536.
22	Alhusain AJ, Obeid OE.	Detection of hepatitis C core antigen in blood donors using a new enzyme immunoassay.	Journal of Family and Community Medicine 2004; 11(3):103-107.
23	AL-Qurashi AR, Ghandour AM, Obeid OE, Al-Mulhim A, Makki SM.	Seroepidemiological study of Toxoplasma gondii infection in the human population in the Eastern Region.	Saudi Medical Journal 2001; 22:13-18.
24	Olszewska W, Obeid OE, Steward MW.	Protection against measles virus-induced encephalitis by anti-mimotope antibodies: the role of antibody affinity.	Virology 2000; 272: 98-105.
25	Schadeck EB, Partidos CD, Fooks AR, Obeid OE, Wilkinson GW, Stephenson JR, Steward MW.	CTL epitopes identified with a defective recombinant adenovirus expressing measles virus nucleoprotein and evaluation of their protective capacity in mice.	Virus research 1999; 65: 75-86.
26	Hsu SC, Chargelegue D, Obeid OE, Steward MW.	Synergistic effect of immunization with a peptide cocktail inducing antibody, helper and cytotoxic T-cell responses against respiratory syncytial virus.	Journal of General Virology 1999; 80: 1401-1405.
27	Hsu SC, Obeid OE, Collins M, Iqbal M, Chargelegue D, Steward MW.	Protective cytotoxic T lymphocyte responses against paramyxoviruses induced by epitope-based DNA vaccines: involvement of IFN- γ	. International Immunology 1998; 10:1441-1447.



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
28	Chargelegue D, Obeid OE , Hsu SC, Shaw DM, Denbury AN, Taylor G, Steward MW.	A peptide mimic of a protective epitope of respiratory syncytial virus selected from a combinatorial library induces virus-neutralizing antibodies and reduces viral load in vivo.	Journal of Virology 1998; 72: 2040-2046
29	Hathaway LJ, Obeid OE , Steward MW.	Protection against measles virus-induced encephalitis by antibodies from mice immunized intranasally with a synthetic peptide immunogen.	Vaccine 1998; 16:135-141.
30	Chargelegue D, Obeid OE , Shaw DM, Denbury AN, Hobby P, Hsu SC, Steward MW, Cohen SM, Nadler JV.	Sodium-dependent proline and glutamate uptake by hippocampal synaptosomes during postnatal development - II. Development of ultrastructure in stratum lacunosum and moleculare. Developmental Brain Research	1997; 100 (2): 230-233.
31	31.Partidos CD, Ripley J, Delmas A, Obeid OE , Denbury A, Steward MW.	Fine specificity of the antibody response to a synthetic peptide from the fusion protein and protection against measles virus-induced encephalitis in a mouse model.	Journal of General Virology 1997; 78: 3227-3232.
32	Atabani SF, Obeid OE , Chargelegue D, Aaby P, Whittle H, Steward MW.	Identification of an immunodominant, neutralizing and protective epitope from measles virus fusion protein by using human sera from acute infection.	Journal of virology 1997; 71: 7240-7245.
33	Chargelegue D, Obeid OE , Shaw DM, Denbury AN, Hobbby P, Hsu SC, Steward MW	. Peptide mimics of a conformationally constrained protective epitopes of respiratory syncytial virus fusion protein.	Immunology letters 1997; 57: 15-17.
34	Obeid OE , Stanley CM, Steward MW.	Immunological analysis of the protective responses to the chimeric synthetic peptide representing T- and B-cell epitopes from the fusion protein of measles virus.	Virus Research 1996; 42: 173-180.
35	Steward MW, Stanley C, Obeid OE . A	mimotope from a solid phase peptide library induces a measles virus-neutralizing and protective antibody response.	Journal of Virology 1995; 69: 7668-7673.



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
36	Obeid OE, Partidos CD, Howard CR, Steward MW.	Protection against morbillivirus-induced encephalitis by immunization with a rationally designed synthetic peptide vaccine containing B- and T cell epitopes from the fusion protein of measles virus.	Journal of Virology 1995; 69: 1420-1428.
37	Obeid OE, Steward MW.	The potential of immunization with synthetic peptides to overcome the immunosuppressive effect of maternal anti-measles virus antibodies in young mice.	Immunology 1994; 82, 16-21.
38	Obeid OE, Partidos CD, Steward MW.	Analysis of the antigenic profile of measles virus haemagglutinin in mice and humans using overlapping synthetic peptides.	Virus Research 1994; 32: 69-84.
39	Obeid OE, Partidos CD, Steward MW.	Identification of helper T cell antigenic sites in mice from the haemagglutinin glycoprotein of measles virus.	Journal of General Virology 1993; 74, 2549-2557.
40	Partidos CD, Obeid OE, Steward MW.	Antibody responses to non-immunogenic synthetic peptides induced by co-immunogenization with immunogenic peptides.	Immunology 1992; 77, 262-266.

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Obeid OE, Steward MW.	Identification of protective epitopes from the measles virus haemagglutinin using synthetic peptides.	Immunology Letters 1997; 56 (2):294.
2	Atabani SF, Obeid OE, Chargeleguea D, Aaby P, Whittle HC, Steward MW.	Identification of an immunodominant neutralising and protective epitope from measles virus fusion protein using acute post-infection human sera.	Immunology Letters 1997; 56 (2): 304.
3	Chargelegue D, Obeid OE, Shaw DM, Denbury AN, Hsu SC, Hobby P, Steward MW.	Peptide-mimics identified from a combinatorial library induce respiratory syncytial virus (RSV) specific neutralising antibody responses and reduce viral load in vivo.	Immunology Letters 1997; 56 (2): 21-22.
4	Partidos CD, Ripley J, Obeid OE, Denbury A, Steward MW.	Immunogenicity and mapping of the antibody binding site(s) of a protective epitope from measles virus fusion protein.	Immunology Letter 1997; 56 (2): 296.



Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Obeid OE , Alzahrani AJ, Al-Ali AK, Al-Mueilo SH	Assessment of genetic and immunological factors associated with hepatitis C infection in Saudi hemodialysis patients.	December 2012

Current Researches

#	Research Title	Name of Investigator(s)
1	Towards Curing of beta-thalassemia with iPS cells. Date: 2011. Funded by KACST(part of the long-term comprehensive national plan for science, technology and innovation).	Obeid OE , Al-Ali AK, Alzahrani AJ, Wolvetang E, Acharya S.

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Hepatology Update on Hepatitis C Infection.	King Fahd Hospital of the University, Alkhobar, Saudi Arabia. 19 May, 2011.	Speaker: Lecture.
2	4th Meeting of The Saudi Society of Microbiology & Infectious Diseases.	Intercontinental, Jeddah, Saudi Arabia. 24-25 April 2011.	Participant.
3	Induced Pluripotent Stem Cells and Future Therapy.	University of Dammam, Saudi Arabia. 23 April 2011.	Participant.
4	Update in Laboratory Medicine.	King Fahd Hospital of the University, Alkhobar, Saudi Arabia. 20 April 2011	Participant.

Membership of Scientific and Professional Societies and Organizations

- British Society for Immunology
- Saudi Society for Microbiology & Infectious Diseases

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Immunology	MDMB 321	Teaching all the course: 30 lectures



Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Immunology for 3 rd level medical students (MDMB 321): 1998 to date: Course Coordinator Male and female students: Teaching the full course. The course includes basic and clinical immunology lectures, practicals and simulated cases
2	Parasitology for 3 rd level medical students (MDMB 311): 1999 to 2001: Male students: Teaching the full course The course included basic and clinical parasitology lectures, practical and simulated cases
3	Immunology for 3 rd level medical laboratory technology students (MSMB 321): 1998 to 2002: Course Coordinator Teaching the full course. 2002 to 2011: Course Coordinator Teaching selected lectures in the course. The course includes basic and clinical immunology lectures and practicals
4	Clinical Immunology and Serology for 4 th level medical laboratory technology students (MSMB 422): 1998 to 2011 Course Coordinator. Teaching the whole course except few lectures. The course include clinical laboratory immunology lectures and simulated laboratory-based problems

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	King Faisal University Fellowship in Histopathology (MDMB 803)	MDMB 803	Immunology lectures

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	King Faisal University Fellowship in Histopathology (MDMB 803):1998 to date. Teaching all the immunology lectures
2	University Fellowship in Clinical Pathology (MBMD 801):1998 to date. Teaching all the immunology lectures

Last Update

12 August, 2013