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| Dr. Zahid Shakoor  **Professor and Consultant Immunopathologist**  Department of Pathology  College of Medicine and  University Hospitals  King Saud University  Riyadh, 11461  Phone:  Off: 4671299  Cell: 0535067623  Fax: 4671842  e-mail: [shakoor\_zahid@yahoo.com](mailto:shakoor_zahid@yahoo.com)  [zshakoor@ksu.edu.sa](mailto:zshakoor@ksu.edu.sa) | Education |
| * **PhD**, University of London. 1992. * **London Hospitals Diploma in Medical Immunology**, United Medical and Dental Schools, St. Thomas’ Hospital, London, 1990. * **MBBS**, Khyber Medical College, University of Peshawar, Pakistan, 1981.   **Job Commitments**   * Teaching graduate and postgraduate medical and dental college male and female   students   * Training of residents in pathology fellowship program * Supervision of diagnostic immunology laboratory services * Provision of patient care in allergy clinic * Consultations for patients admitted in King Khalid University Hospital. * Internal supervisor (PhD) King Saud University External Join Supervision Program   for Female Lecturers and Demonstrators   * Supervising PhD (1), M Sc (1) and graduate (2) research projects   Committee Membership   * Member Scientific Committee: AlAmoundi Chair for Immunopathology & Allergy research. * Member: Curriculum development for starting a Bachelors Degree Program in   Molecular Biology at College of Applied Studies and Community Service, KSU.   * Member: Departmental Academic Committee. * Member: Departmental Research Committee.   Research Activities   * Co-investigator in ongoing research: Sheikh Mohammed Hussien AlAmoundi Chair for Immunopathology & Allergy research project at KKUH titled:The prevalence of immune mediated adverse reactions to food preservatives, drug additives and metals and their implication in the etiology of certain chronic illnesses in Saudi patients. Project funding: SR. 04 millions equivalent to US. $ 1.5 million. * Co-investigatior in ongoing research: NPST approved project titled: Design, development and evaluation of a nano- transdermal (needle-free) allergy test for diagnosis of type-1 hypersensitivity. Project funding: SR. 02 millions equivalent to US. $ 0.75 million. * Internal supervisor of ongoing PhD project titled:Monocyte and fibrocyte characterization in allergic asthma. Project funding: SR. 0.432 million equivalent to US. $ 0.115 million * Co-investigator in a KACST project (Completed) titled: “The Genus *Prosopis*: Allergenic and Biochemical Properties. A study in Central and Eastern Regions of the Kingdom of Saudi Arabia. King Abdul Aziz City of Science and Technology (KACST), Riyadh, Kingdom of Saudi Arabia. Project funding: SR. 02 million equivalent to US. $ 0.75 million.   Dr. Zahid Shakoor  **Professor and Consultant Immunopathologist**   * Participated in a completed research project titled: Cytokine gene polymorphism in interstitial lung disease. * Participated in a completed research on detection of circulating fibrocytes in peripheral blood of patients with idiopathic pulmonary fibrosis.   Accomplishments/awards   * Received a letter of appreciation from the Dean College of Medicine, King   Saud University for achieving high rating in student evaluation.   * First Research Award in the 1st Internal Medicine Research Day, KSU. * Adjunct Professor: University of Health Sciences, Lahore, Pakistan. * Was awarded scholarship by the Ministry of Science and Technology, Pakistan after competing at national level. * Was awarded Quaid-e-Azam scholarship as a high achiever during graduate studies.   Examiner   * M Sc: College of Applied Medical Sciences, King Saud University. * PhD: Bakai University, Karachi, Pakistan. * PhD and M Sc: University of Health Sciences, Lahore, Pakistan   Participation in Conferences (Recent)  **Invited Speaker**:   * Viral Immunology from Diagnostic to Treatment Symposium, King Fahad Medical City, Riyadh. March 26-27, 2013 * International Pathology Symposium 2012. Prince Sultan Military Medical City. Nov. 24-28, 2012. * 1st RMH International Symposium on Immunology. Riyadh Military Hospital. Dec. 12-14, 2011. * Riyadh Diabetic Club: June 4, 2012.   **Attended:**   * Recent Advances in Pulmonary Medicine Symposium. King Saud University, Riyadh. Jan 10, 2012. * Patients Safety Symposium. King Khalid University Hospital, KSU. Jan 3-4, 2011. * GCC-KSU Celebration of World Health Day 2011. King Saud University. May 14, 2011 * Breast Cancer: Current Practice and Future Direction. King Saud University. Nov. 02, 2012 * 1st Medical Ethics Day. King Saud University. Nov. 29, 2010 * 2nd Anesthesia Quality Day. King Khalid University Hospital. March 20, 2011.   **Poster Presentation**  Dr. Zahid Shakoor  **Professor and Consultant Immunopathologist**   * Shakoor Z, Hamblin AS. TNF alpha causes up-regulation of CD11a on human monocytes but not on neutrophils. 4th International TNF Congress May 2-6, 1992, The Netherlands. * Shakoor Z, Alasaly K, **Al-Frayh AR,**  Gad-el-Rab MO. Adhension molecules: The mediators of inflammation in asthma. International Symposium on Recent Advances in Paediatrics & Neonatology. King Fahd Military Medical Complex, Dhahran 2-4 March 1999: pp 30. * AR Al-Frayh, SM Hasnain, MO Gad El Rab, Z Shakoor, ST Al-Sedairy. Epideiology of bronchial asthma in eight different regions of Saudi Arabia. 1999 ACAAI Annual Meeting. Nov 12-17, 1999. * Malik IA, Shakoor Z, Waqar AB. Science and development. Paper presented in the Third World Academy of Sciences (TWAS) seminar on Science, Development and Education held at Bangalore, India from 27-28 September 2004. * Somily A, Shakoor Z, Manneh K, Alsubaie S, Murray T. Five-year screening and phenotypic classification of extended-spectrum beta-lactamases producing Escherichia. coli and Klebsiella pneumonia  at a tertiary care university hospital in Riyadh, Saudi Arabia. 22nd European Congress of Clinical Microbiology and Infectious Diseases (ECCMID). London, United Kingdom 31 March - 3 April 2012. * Somily A, Absar M, Shakoor Z. Prevalence and Antibiotics Susceptibility Pattern of Extended Spectrum Beta Lactamases Producing *Escherichia coli* and *Klebsiella pneumoniae* at a Tertiary Teaching Hospital, Riyadh, Saudi Arabia. AMMI CACMID Annual Conference 2012, May 3 – 5 in Vancouver, BC Canada. * Syed M. Hasnain SM, Al-Frayh A, Shakoor Z, Gad-El-Rab MO. Risk factors for asthma in children and adolescents. Poster presentation: The European Academy of Allergy and Clinical Immunology (EAACI) Congress 2012 Geneva, Switzerland, 16 - 20 June 2012   **Employment History**   * **Professor and Consultant**, College of Medicine, King Saud University, Riyadh June 25, 2009 to date * **Professor,** National University of Science and Technology (NUST), Rawalpindi, since August,1 2007 to June 20, 2009 * **Associate Professor,** College of Medicine and King Khalid University Hospital, King Saud University, Riyadh, Kingdom of Saudi Arabia, since Aug. 28, 2006 to July 31, 2007. * **Associate Professor,** Islamic International Medical College Rawalpindi, Dec. 01, 2005 to Aug. 27, 2006. * **Assistant Professor,** Foundation University Medical College, Rawalpindi, Oct. 7, 2003 to Nov. 30, 2005. * **Assistant Professor**, College of Medicine and King Khalid University Hospital, King Saud University, Riyadh, Kingdom of Saudi Arabia. December 26, 1997 to Aug. 31, 2003. * **Assistant Professor** **Immunopathologist.**  Pakistan Institute of Medical Sciences, Islamabad, Pakistan. September, 1997 to December, 1997. * **Clinical Immunologist** **and head of division of immunology**, Pakistan Institute of Medical Sciences, Islamabad, Pakistan. February 1996 to September 1997 * **Senior Registrar**, Allergy Section, Pakistan Institute of Medical Sciences, Islamabad. Pakistan. October 1995 to February 1996. * **Medical Officer and Registrar**, Department of Neurology Pakistan Institute of Medical Sciences, Islamabad, Pakistan. December, 1992 to June, 1995 * **PhD Fellow** St. Thomas’ Hospital, London. September, 1988 to November, 1992.   Dr. Zahid Shakoor  **Professor and Consultant Immunopathologist**   * **Medical Officer**, Intensive Care Unit/Cardiology, Pakistan Institute of Medical Sciences, Islamabad Pakistan. May, 1986 to September, 1988 * **Medical Officer**, General Medicine, Pakistan Institute of Medical Sciences, Islamabad Pakistan. February 1986 to May, 1986. * **Medical Officer**, Intensive Care Unit/Cardiology, Federal Government Services Hospital, Islamabad Pakistan. April, 1985 to February, 1986. * **Scientific Officer**, Microbiology, National Institute of Health, Islamabad, Pakistan. August, 1983 to April, 1985. * **Medical Officer**, Basic Health Unit, Tarlai, Office of the Administrator, Islamabad Capital Territory, Islamabad, Pakistan. October, 1982 to July, 1983. * **House Officer** (General Medicine) Khyber Teaching Hospital, Peshawar, Pakistan. April, 1982 to October, 1982. * **House Officer** (General Surgery) Khyber Teaching Hospital, Peshawar, Pakistan. October, 1981to April, 1982.   **Publications**   * Shakoor Z, Hamblin AS. Increased CD11/CD18 expression on peripheral blood leucocytes of patients with sarcoidosis. *J Clin Exp Immunol* 1992; 90: 99-1905. * Gant VA, Shakoor Z, Barbosa IL, Hamblin AS. Normal and sarcoid alevolar macrophages differ in their ability to present antigen and to cluster with autologous lymphocytes. *Clin Exp Immunol*. 1991; 86: 454-499. * Gant VA, Shakoor Z, Hamblin AS. A new method for measuring clustering in suspension between accessory cells and T lympocytes.  *J Immunol Methods*. 1992;156:179-89. * Hamblin AS, Taylor MJ, Bernhagen J, Shakoor Z, Mayall S, Noble G, McCarthy D. Method for preparing blood leucocytes for flow cytometry which prevents up-regulation of leucocyte integrins. *J Immunol. Methods:* 1992;146: 219-228. * Gant V, Cluzel M, Shakoor Z, Rees PJ, Lee TH, Hamblin AS. Alveolar macrophage accessory cell function in brochial asthma. *Am Rev Respir Dis.* 1992;146: 900-904. * Greenfield SM, Hamblin AS, Shakoor Z, Teare JP, Punchard N.A. Thompson RPH. Inhibition of leucocyte adhesion molecule up-regulation by tumour necrosis factor alpha: a novel mechanism of action of sulphasalazine. *Gut* 1993; 34:252-256. * Hamblin AS, Shakoor Z, Kapahi P, Haskard D. Circulating adhesion molecules in sarcoidosis. *Clin Exp Immunol* 1994; 96:335-338. * Khawaja I, Shakoor Z. Hypertension is a major risk factor for stroke in men and women of all ages. *JPIMS* 1994;4:191-194. * Tariq M, Shakoor Z, Abdul Shakoor. The effects of low dose intravenous immunoglobulin on the outcome of Gullian Barre Syndrome. *JCPSP.*1996;6:55-57. * AR Al-Frayh, SM Hasnain, G El-Rab, Z Shakoor, A Sedairy. Diagnostic Test Profile of IgE Mediated Atopic Diseases in Saudi Arabia. J Allergy Clin Immunol. (Abstract) 2000;105(1):357. * AR Al-Frayh, Z Shakoor, MO Gad El Rab and SM Hasnain. Increased pervalence of asthma in Saudi Arabia. Ann Allergy Asthma Immunol. 2001:86:292-296. * Al Harthi S, Ahmed J, Lutfi S, Asfina KN, Shakoor Z, Al-Nozha M. Brucellla endocarditis: experience from a university hospital. J Saudi Heart Association. 2002;14:93. * Shakoor Z. Serial evaluation of percentage of activated T-lymphocytes in peripheral blood of HIV infected individuals as a prognostic marker. Saudi Med J. 2003;24(6):632-6.   Dr. Zahid Shakoor  **Professor and Consultant Immunopathologist**   * Shakoor Z. Antenatal screening for syphilis at a tertiary care hospital in Riyadh. Ann Saudi Med. 2004;24(4):262-264. * AR Al Frayh, Zahid Shakoor, SAM Fakhri, EA Koshak, Saad Al Nameem, Amin Al Ageb, HA Kamfar. A 17-year trend for the prevalence of asthma and allergic diseases among children in Saudi Arabia. Curr Pediater Res. 2004;8(1&2):1-5. * Malik IA, Shakoor Z, Waqar AB. Nanotechnology and Medicine. Paper presented in the International Conference on Nanoscience and Technology in Pakistan organized by the Comsat in Islamabad from 13-14 June 2005. * Somily AM, Adam MH, Gad El Rab MO, Muhammad G. Morshed MG, Shakoor Z. Detection of Salmonella typhi agglutinins in sera of patients with other febrile illnesses and healthy individuals. *Annals of African Medicine.* 2011;10:41-4. * Somily AM, Sayyed SB, Habib HA, Alkhattaf AA, Alotaibi FE, Shakoor Z, Kambal AM. Salmonella isolates and their susceptibility to commonly used drugs at a tertiary care hospital in Riyadh. J Infect Dev Ctries 2012; 6(6):478-482. * Almogren A, Shakoor Z, GadElRab MO, Adam MH. Pattern of patch test reactivity among patients with clinical diagnosis of contact dermatitis: a hospital based study. [Ann Saudi Med.](http://www.ncbi.nlm.nih.gov/pubmed/22705612) 2012;32(4):404-7. * Almogren A, Shakoor Z, GadElRab MO, Adam MH, Musa HA. Modifications influencing Widal test reactivity in a novel microplate assay. Pol J Microbiol. 2012;61(2):137–142 * Somily AM, Absar MM, Arshad MZ, Al Aska AI, Shakoor ZS, Fatani AJ, Siddiqui YM, Murray TS. Antimicrobial susceptibility patterns of multidrugresistant *Pseudomonas aeruginosa* and *Acinetobacter* *baumannii* against carbapenems, colistin and tigecycline. Saudi Med J. 2012;33(7):179-184. * [Almogren A](http://www.ncbi.nlm.nih.gov/pubmed?term=Almogren%20A%5BAuthor%5D&cauthor=true&cauthor_uid=23304791), [Shakoor Z](http://www.ncbi.nlm.nih.gov/pubmed?term=Shakoor%20Z%5BAuthor%5D&cauthor=true&cauthor_uid=23304791), [Hamam KD](http://www.ncbi.nlm.nih.gov/pubmed?term=Hamam%20KD%5BAuthor%5D&cauthor=true&cauthor_uid=23304791).Human leucocyte antigens: their association with end-stage renal disease in Saudi patients awaiting transplantation. [Br J Biomed Sci.](http://www.ncbi.nlm.nih.gov/pubmed/23304791) 2012;69(4):159-63. * Alhamad E, Shakoor Z, Al-Kassimi F, Almogren A, GadElRab M, Shaik S. Circulating Fibrocytes in Interstitial Lung Diseases: Response to the Six-Minute Walk Test. Chest. 2012;142(4\_Meeting Abstract):423A. doi:10.1378/chest. 1388685 * Almogren A, Shakoor Z, Adam MH. Garlic and onion sensitization among Saudi patients screened for food allergy: a hospital based study. African Health Sciences 2013; 13(3): 689 - 693 http://dx.doi.org/10.4314/ahs.v13i3.24 * Almogren A, Adam MH, Shakoor Z, GadElRab MO, Musa HA. Th1 and Th2 cytokine profile of CD4 and CD8 positive peripheral blood lymphocytes in nickel contact dermatitis. Centr Eur J Immunol. 2013;3891:100-106. * Almogren A, Shakoor Z, Almomen A, Hasanato RMW. Levels of heavy metal and trace element among children with Autism spectrum disorders. Curr Pediatr Res 2013; 17 (2): 79-83. * Almogren A, Shakoor Z, Hasanato R, Mustafa Hussein Adam. Q fever: a neglected zoonosis in Saudi Arabia. Ann Saudi Med 2013; 33(5): 464-468. DOI: 10.5144/0256-4947.2013.464 * Alhamad EH, Cal JG, Shakoor Z, Almogren A, Alboukai AA. Cytokine gene polymorphisms and serum cytokine levels in patients with idiopathic pulmonary fibrosis. BMC Med Genet. 2013 Jul 1;14(1):66. [Epub ahead of print] * Alhamad EH1, Cal JG, Shakoor Z, Almogren A. Cytokine gene polymorphisms of TNFα, IL-6, IL-10, TGFβ and IFNγ in the Saudi population. Br J Biomed Sci. 2013;70(3):104-9. * Balto H, Al-howiriny T, Al-Somily A, Siddiqui Y, Al-Sowygh, Z, Halawany H, Shakoor Z, Al-hadlaq S. Screening for antimicrobial activity of *Salvadora persica* extracts against *Enterococcus faecalis* and *Candida albicans*. International Journal of Phytomedicine. 2013;5:486-492. * Almogren A, Shakoor Z, Hasanato RMW, Abdulrahman Algassim A, Al-furaih NA, Al-mudaiheem FA, Al-abdulkarim OA. Auto-Antibody Detection: Prevailing Practices at a Tertiary Care Hospital in Riyadh. Clin. Lab. 2014;60:671-675 * Farooq WA, Atif M, Shakoor Z, Baig MR. Diagnostic of Brucellosis infection using fluorescence spectroscopy. Optoelectronics and Advanced Materials. 2014;8: 334 - 337 (3-4) * Aleem A, Shakoor Z, Alsaleh K, Algahtani F, Iqbal Z, Al-Momen AK. Immunological Evaluation of Thalassemia Major Patients Receiving Oral Iron Chelator Deferasirox. J Coll Physicians Surg Pak. 2014; 24: 467-471   Reviewer   * Saudi Medical Journal * Annals of Saudi Medicine   **Special Interest**   * Computing, well versed in several word processing, graphic and database programs.     **Personalia**   * Father’s name: Abdul Shakoor * Date of Birth: April 21, 1958 * Gender: Male * Marital Status: Married, wife (a medical doctor) with five children * Religion: Islam * Nationality: Pakistani |