



Professor and Head
Department of Food Technology
School of Interdisciplinary Sciences
Jamia Hamdard, New Delhi 110062
India.

&

Former
Director
R & D, Gulf Diagnostic Center Hospital, Abu Dhabi, U.A.E.

Director, Technical Affairs
& Principal Scientist,
R & D, VPS Healthcare International, Abu Dhabi, U.A.E.

International Consultant
& Advisor,
Oy Verman Ab Pharmaceuticals, Helsinki, Finland.

Senior Clinical Scientist
Sheikh Khalifa Medical City, Abu Dhabi, U.A.E.

Senior Scientist,
King Faisal Specialist Hospital & Research center, Riyadh,
Saudi Arabia.

Research Officer,
National Institute of Immunology, New Delhi, India

Email: profafrozulhaq@jamiahamdard.ac.in

Prof. Afrozul Haq joined Jamia Hamdard in August 2017.

Education

M.Sc . Chemistry, Meerut University,

M.Phil. Chemistry, Aligarh Muslim University

Ph.D. Chemistry, Aligarh Muslim, University

Post-doctoral research

- Institute of Medicine and Medical Research (INSERM), Paris, France
- Medical Research Foundation, Paris, France

Awards/Fellowships/Invited Speaker

NRI Scientist Felicitation Award by the Union Minister of Health, Govt. of India, New Delhi, October 19, 2014

Research Fellow,
Department of Science & Technology, Govt. of India, New Delhi, (1979-1982)

Senior Research Fellow,
Department of Atomic Energy, Govt. of India, New Delhi, (1982-1983)

Senior Research Fellow,
DGHS, Govt. of India, New Delhi, (1983-1984)

Keynote Speaker, International Nephrology Conference, Guanzhou, China,

Keynote Speaker, 5th International Conference on Advances in Food Technology & Nutritional Sciences held at JNU Campus, New Delhi, October 15-16, 2014

International Faculty, Member Scientific Committee and Speaker, International Conference on Vitamin D, Minimum, Maximum, Optimum to be held in Warsaw, Poland, October 16-17, 2015

International Faculty & Speaker, International Conference on Vitamin D, Minimum, Maximum,

Phone: +919958103830

and Optimum held in Warsaw, Poland, October 19-20, 2012

International Faculty and Keynote speaker

“International Symposium on Functional Foods and Health, Periyar University, Tamil Nadu, India, November 19, 2011

Chair/moderator/ and speaker for Arab Health, Dubai, 2010, and 2012

Visiting Professor to work with Professor Claude Gagnon, Department of Surgery, Royal Victoria Hospital, McGill University, Montreal, Canada, March 20 - April 22, 1991.

Visiting Professor at Unit d’ Immunologie Microbienne to work with Professor J.P. Bouvet, Institute Pasteur, Paris, France from August 8 to October 8, 1993.

Chairperson, “Symposium on Vitamin D in Mother and Neonate” held at Metro Health Medical Center, Cleveland, OH, USA, October 6, 2007.

Invited speaker “Measurement of vitamin D2 and vitamin D3 by HPLC and its role in health and diseases” Chromsystems, Germany, Munich, March 8- 11, 2007.

Research interests

Prof. Afrozul Haq’s research interest is on Vitamin D extraskletal role in human health. Vitamin D receptor polymorphism, genome wide role of vitamin D and epidemiology, Bone-mineral metabolism in chronic kidney disease patients, role of Vitamin D in neurodegenerative diseases e.g. Alzheimer’s disease depression , multiple sclereosis.

Functional Foods, probiotics and their role in human health.

Selected publications

1. **Haq A.**, Svobodová J, Sofi NY, Jindrová A, Kába B, Rajah J, Al Anouti F, Abdel-Wareth L, Wimalawansa SJ, Razzaque MS.(2017) Vitamin D status among the juvenile population: A retrospective study. *J Steroid Biochem Mol Biol.* 2017 Jan 17. pii: S0960-0760(17)30005-5. doi: 10.1016/j.jsbmb.2017.01.005.
2. Uwitonze AM, Murererehe J, Ineza MC, Harelimana E, Nsabimana U, Uwambaye P, Gatarayiha A, **Haq A**, Razzaque MS.(2017) [Effects of vitamin D status on oral health.](#) *J Steroid Biochem Mol Biol.* 2017 Feb 1. pii: S0960-0760(17)30030-4. doi: 10.1016/j.jsbmb.2017.01.020.
3. Safar HA, Chehadeh SE, Abdel-Wareth L, **Haq A**, Jelinek HF, ElGhazali G, Anouti FA.(2017) Vitamin D receptor gene polymorphisms among Emirati patients with type 2 diabetes mellitus. *J Steroid Biochem Mol Biol.* 2017 Mar 16. pii: S0960-0760(17)30077-8. doi: 10.1016/j.jsbmb.2017.03.012.
4. Pludowski P, Holick MF, Grant WB, Konstantynowicz J, Mascarenhas MR, **Haq A**, Povoroznyuk V, Balatska N, Barbosa AP, Karonova T, Rudenka E, Misiorowski W, Zakharova I, Rudenka A, Łukaszkiwicz J, Marcinowska-Suchowierska E, Łaszcz N, Abramowicz P, Bhattoa HP, Wimalawansa SJ (2017) Vitamin D supplementation guidelines. *J Steroid Biochem Mol Biol.* pii: S0960-0760(17)30031-6. doi: 10.1016/j.jsbmb.2017.01.021.
5. **Haq A.**, Sofi N.Y.(2017) Vitamin D and breast cancer: Indian perspective. *Clin Nutr Exper* doi:10.1016/j.yclnex.2016.12.001.
6. Carlberg C., **Haq A.** (2016) The concept of the personal vitamin D response index. *J Steroid Biochem Mol Biol* <http://dx.doi.org/10.1016/j.jsbmb.2016.12.011>.
7. **Haq A.**, Wimalawansa S., Pludowski P, Anouti F.(2016) Clinical practice Guidelines for vitamin D in the United Arab Emirates. *J Steroid Biochem Mol Biol.* <http://dx.doi.org/10.1016/j.jsbmb.2016.09.021>
8. **Haq A.** , Svobodova J., Imran S., Stanford C., Razzaque MS.(2016) Vitamin D deficiency: A single centre analysis of patients from 136 countries. *J Steroid Biochem. Mol Biol* <http://dx.doi.org/10.1016/j.jsbmb.2016.02.007>
9. **Haq A.** Sofi NY and Atef S.(2016) Vitamin D deficiency status, measurement and its treatment in the United Arab Emirates. *Europ J Pharma Med Res.* 3(12):131-137.
10. Osman E., Al Anouti F., El Ghazali G., **Haq A.**, Mirgani R. and Al Safar H. (2015) Frequency of rs731236 (Taql), rs2228570 (Fok1) of Vitamin-Receptor (VDR) gene in Emirati healthy population. *Meta Gene* 6:49-52. doi.org/10.1016/j.mgene.2015.09.001
11. **Haq A.**, Stanford C. (2015) Vitamin D Deficiency, metabolism and routine measurement of its metabolites [25(OH)D2 and 25(OH)D3]. *J Chromatogr Sep Tech* 6: 275. doi:10.4172/2157-7064.1000276.
12. Brown R, **Haq, A** , Stanford C and Razzaque M.(2015) Vitamin D, phosphate and vasculotoxicity. *Canad J Physiol Pharmacol*; doi: 10.1139/cjpp-2015-0083.
13. **Haq A** (2013) Vitamin D: A molecule of universal interest and its measurement. *J Chromatograph Separat Techniq*, 4: e117. doi:10.4172/2157-7064.1000e1177064.
14. Abdel-Wareth L, **Haq A** , Turner A, Khan S, Salem A , Mustafa F , Hussein N Pallinalakam F, Grundy L , Patras G and Rajah J.(2013) Total Vitamin D Assay comparison of the Roche Diagnostics “vitamin D total ” electrochemiluminescence protein binding assay with the Chromsystems HPLC method in a population with both D2 & D3 forms of vitamin D. *Nutrients* 5, 971-980. doi: 10.3390/nu5030971.
15. Rajah J., Abdel-Wareth L. and **Haq A.** (2010) Failure of one alpha vitamin D (alphacalcidol) in treating nutritional rickets and biochemical response to ergocalciferol. *J Steroid Biochem Mol Biol*, 121:273-276.
16. **Haq A.**, Rajah J and Abdel-Wareth LO.(2007) Routine HPLC analysis of vitamin D3 and D2. *DIALOG (Germany)* 2: 1-2.
17. Al-Waili NS and **Haq A.** (2004) Effect of honey on antibody production against thymus-dependent and thymus-independent antigens in primary and secondary immune responses. *J.Medicinal Food.*7: 491-494.
18. **Haq, A.**, Mothi BA, Al-Hussein, K., Al Tufail, M, Jaroudi, K, Hollanders, J, Al- Waili N, and Shabani M.(2001) Isolation, Purification and partial characterization of early pregnancy factor (EPF) from sera of pregnant women. *Eur J. Med. Res.* 29:209-214.
19. **Haq, A.**, Lobo, PI., Al Tufail, M., Rama, NR., and Al-Sedairy, ST.(1999) Immunomodulatory effect of Nigella Sativa Proteins fractionated by ion exchange chromatography. *Intl. J. Immunopharmacol.* 21: 283-295.
20. Bouchama, A., Hammami, MM., **Haq, A.**, Jackson, J. and Al-Sedairy, ST.(1996) Evidence for endothelial cell

activation / injury in heat stroke. *Critical Care Med.* 24: 1173-1178.

21. **Haq, A.**, Remo, N. and Al Sedairy, ST.(1996) Fractionation of black seed(*Nigella Sativa*) proteins by using rotofor. *J. Liquid Chromatography*,19:593-599.
22. **Haq, A.**, Kayali, M., Hammami, MM., Jaroudi, K. and Al-Sedairy, ST.(1996) Immunoreactive endothelin-1, endothelin-2 and big endothelin-1 in follicular fluid of women undergoing ovulation induction for in vitro fertilization. *Hum. Reprod.* 11:269-273
23. **Haq, A.**, Abdullatif, M., Lobo, P., Khabar, KSA., Sheth, K.V. and Al-Sedairy, ST.(1995) *Nigella Sativa*: effect on human lymphocytes and polymorphonuclear leukocyte phagocytic activity. *Immunopharmacol.* 30:147-155.
24. Hammami, MM.,**Haq, A.**and Al-Sedairy, ST.(1994)The level of endothelin-like immunoreactivity in seminal fluid correlates positively with semen volume and negatively with plasma gonadotrophin levels. *Clin Endocrinol*; 40: 361-366
25. **Haq, A.**, Al-Hussein K., Lee, J. and Al-Sedairy ST.(1993) Changes in peripheral blood lymphocyte subset associated with marathon running. *Med Sci Sports Exercise*; 25: 186-190.
26. **Haq, A.**, Al-Tufail, M., Sheth K., Hamilton,C., Al-Abdul Jabbar, F. and Al- Sedairy, ST.(1992) Immunosuppression by human seminal plasma fractionated by DEAE Sephadex A50 ion exchange chromatography. *Andrologia.*, 24: 87-94.
27. **Haq, A.**, Sheth, KV., Abdullatif, M., Al-Tufail, M., Al-Abdul Jabbar, F., Hamilton, C., Al-Sedairy, ST. (1992)Suppression of luminol-dependent chemiluminescence of phagocytic cells by human seminal plasma. *Mol. Androl.* 40: 297-307.
28. **Haq, A.**, Sheth, KV., Abdullatif, M., Al-Abdul Jabbar, F.,Hamilton, C.,Al- Sedairy,ST.(1991) Suppression / stimulation of chemiluminescence by human seminal plasma. *Clin. Chim Acta* 200: 67-70.
29. Baer, HP., **Haq, A.**, El-Soofi, AM., Serignese, V. and Paterson A.R.P.(1990)Potencies of mioflazin and its derivatives as inhibitors of adenosine transport in isolated erythrocytes from different species. *J. Pharm. Pharmacol.* 42: 367-369.
30. Delplace, P., Bhatia, A., Cagnard, M., Camus, D., Colombet, G., Debrabant, A., Dubremetz, J-F., Dubreuil, N., Prensier, G., Fortie, B., **Haq, A.**, Weber, J., and Vernes, A.(1988) Protein p126: a parasitophorous vacuole antigen associated with the release of *Plasmodium falciparum* merozoites. *Biol. Cell.* 64: 215-221.
31. **Haq, A.**, LeBras, J., Deloron, P., Gaxotte, P., Anglade, P. and Savel, J. (1986) In vitro study of the activity against *P. falciparum* of sera from subjects having received intramuscular injection of three forms of quinine. *Ann. Pharm. Fr.* 44: 137-143.
32. Sharma, A., **Haq, A.**, Ahmad, S. and Lederer, E. (1985) Vaccination of rabbits against *Entamoeba histolytica* with aqueous suspensions of trehalose dimycolate (TDM) as the adjuvant. *Infect. Immun.* 48: 654-637.
33. **Haq, A.**, Sharma, A., Ahmad,S. and Khan,S.(1985) Experimental infection of Rhesus monkeys with *E.histolytica* mimic human infection. *Lab.Anim.Sci.* 35: 481-84.
34. **Haq, A.**, Sharma, A. and Ahmad, S. (1984) Increased macrophage migration inhibition factor production in hamsters sensitized by amoebic antigen and glucan. *Parasite Immunol.* 6: 391-396.