

## **Publications**



### **Dr. Mudassara Saqib**

Samina Kausar, Zujaja Zaheer, Mudassara Saqib and Bushra Zia. 2011. The effect of crataegus (hawthron) extract alone and in Combination with simvastatin on serum lipid profile in hyperlipidemic albino rats. Biomedica vol; 27 (Jul – Dec 2011).

Y RAfi, B Akram, M Saqib, G Muhammad, Y Muhammad. 2006. Octreotide in acute pancreatitis – have it or not? Annals vol; 12 no.2 Apr – Jun 2006.

Shahnaz Akhtar, Mudassara Saqib, Javed Khalil, Rukhsana Khurshid. Study of comparison of antibacterial activity of allicin with antimicrobials against pseudomonas aureginosa and staph aureus. 2009. PJMHS vol; 3 no.3 Jul – Sep 2009.

Shahnaz Akhtar, Mudassara Saqib, Muniza Qayyum, Rukhsana Khurshid. 2009. Aminoglycosides induced Nephrotoxicity and its protection by Nigella Sativa. PJMHS Vol;3 no.2 Apr – Jun 2009.

### **Dr. Rukhsana Sher**

Rukhsana Sher, Nafisa Fatima, Arshad Kamal Butt, Shabbir Ahmed Bhatti, Naseem Akhtar and Shafia Waheed. 2011. Gender difference in plasma levels of interferon alpha 2b in chronic hepatitis C patients. Pak. J. Pharm. 24(1 & 2), 47 – 50, 2011.

Rukhsana Sher, Tehseen Asghar Rana, Mohammad Sohail, Arshad Kamal Butt, Col. HafeezUddin and Abdul Hameed Khan. 2009. Bioavailability of Interferon alfa 2b in chronic hepatitis C patients by using limited sampling strategy. SZPGMI vol;23(1): pp. 7 – 12, 2009.

Rukhsana Sher, Nafeesa Fatima, Arshad K. Butt and Anwar A. Khan. 2012. First dose response of treatment of three formulations of interferon alfa in patients using limited sampling strategy. Biomedica vol; 28, Jan – Jun 2012.

### **Dr. Ahmad Alamgir**

Diagnostic accuracy of three consecutive sputum smears for AFB among Tuberculosis patients visiting chest OPD. (First author). Proceedings SZPGMI, vol: 24(2); July – Dec, 2010.

Effect of G.O.1 on prolonged routine coagulation parameters (prothrombin time and activated partial thromboplastin time) in Rabbits – Results of a pilot study. (First author). Proceedings SZPGMI, vol: 25(1); Jan – June, 2011.

Frequency and different indications for Anti-HCV screening. (Fifth author). Pakistan Journal of Medical and Health Sciences, vol: 6, Jan – March, 2012.

**Total Number Of Publications Of Department: 43**

### **Prof Saadia Shahzad Alam:**

#### **Research publications in Scientific Journals:**

1. Saadia Shahzad Alam, A. Hameed Khan and M.Waheed Akhtar.Diabetes Mellitus: Its Epidemiology and Pathogenesis: A Global Focus on Type 2. Proceedings S.Z.P.G.M.I. Vol: 24(2): pp.109-24, July to Dec 2010.

2. Saadia Shahzad Alam, A. Hameed Khan and M. Waheed Akhtar. High Dose Thiamine Intervention for Non Traditional Risk Factors in Type 2 Diabetic Angiopathies. Proceedings S.Z.P.G.M.I. Vol: 25(2): pp. 101-120, 2011.
3. Muhammad Ahmed Alamgir, Saadia Shahzad Alam, Farkhanda Ghafoor, and Abdul Hameed Khan. Effect of GO1 on Prolonged Routine Coagulation Parameters (Prothrombin and Activated Partial Thromboplastin Time) in Rabbits. Proceedings of SZPGMI. Vol: 25(1): pp.43-47, Jan to June 2011.
4. Sadia Maqsood, Saadia Shahzad Alam and Abdul Hameed Khan. Effect of Ficus Carica Leaf Extract On Cardiac Enzymes. Proceedings of SZFPGMI. Vol: 24(2): pp.73-77, July to Dec 2010.
5. Sadia Maqsood, Saadia Shahzad Alam and Abdul Hameed Khan. A Study On Doxorubicin Induced Cardiotoxicity. Proceedings of SZPGMI. (2011) (Publication in progress)
6. Munazza Aqeel, Saadia Shahzad Alam, Kausar Abbas and Abdul Hameed Khan. Resistance Pattern of Pathogenic E.Coli against Ciprofloxacin, Cefotaxime and Gentamicin. Proceedings of SZPGMI. Vol: 24(2): pp.67-71, July to Dec 2010.
7. Munazza Aqeel, Saadia Shahzad Alam, Kausar Abbas and Abdul Hameed Khan. A Comparative Study of Resistance Patterns of Pathogenic Staphylococcus aureus against Imipenim, Methicillin And Vancomycin. Proceedings of SZPGMI. Vol: 25(1): pp.21-25, Jan to June 2011.
8. Munazza Aqeel, Saadia Shahzad Alam, Kausar Abbas Abdul Hameed Khan. A Comparative Antibacterial Study of Withania Somnifera Root Extract with Antibiotics against Escherichia Coli and Staphylococcus aureus. Proceedings of SZPGMI. Vol: 25(1): pp.49-57, Jan to June 2011.
9. Naima Javed, Saadia Shahzad Alam, Habib Subhani, M. Shoaib Akhtar, Abdul Hameed Khan. Evaluation of Anti-inflammatory Activity of Isolated Flavonoids from Mucuna pruriens seeds. Proceedings of SZPGMI. Vol: 25(1): pp.27-31, Jan to June 2011.
10. Naima Javed, Saadia Shahzad Alam, Habib Subhani, M. Shoaib Akhtar, Abdul Hameed Khan. Evaluation of Analgesic activity of Mucuna pruriens Linn seeds. Proceedings of SZPGMI: Vol 22(2): pp.69-72, July to Dec 2008
11. Naima Javed, Saadia Shahzad Alam, Habib Subhani, M. Shoaib Akhtar, Abdul Hameed Khan. Evaluation of Anti-inflammatory activity of Mucuna pruriens Linn. Seeds. Proceedings of SZPGMI, Vol: 25(1): pp.27-31, Jan to June 2011.
12. Naima Javed, Saadia Shahzad Alam, Habib Subhani, M. Shoaib Akhtar, Abdul Hameed Khan. Evaluation of Analgesic Activity of Isolated Flavonoids from Mucuna pruriens Seeds. Proceedings S.Z.P.G.M.I. Vol: 25(2): pp. 91-94, 2011
13. Riaz, S., Alam, S.S., Rabbani, N., Thornalley, P.J and Akhtar, M.W. 2009. Proteomic strategies to study the protein biomarker for diabetes mellitus and effect of thiamine on their levels. Proceeding of the symposium of Genomics, Proteomics and Metabolomics. Modern trends in Biotechnology, MMG Dept. Punjab University, Lahore. pp 198-212.
- [http://www.pu.edu.pk/departments/pub/52\\_Res\\_Pub\\_Jour\\_Books.asp](http://www.pu.edu.pk/departments/pub/52_Res_Pub_Jour_Books.asp)
14. Saadia Shahzad Alam, Ghazanfar Ali Sirhindi, Farkhanda Ghafoor, Riffat Yasmeen, Mashhood Ahsan and Abdul Hameed Khan. Hypoglycemic Evaluation of Panax Ginseng (Radix Rubra) In Normal and alloxan Diabetic Rabbits. Proceedings of SZPGMI, July 2006: Vol 20(2): pp.71-76
15. Saadia Shahzad Alam, Abdul Hameed Khan, Ghazanfar Ali Sirhindi and Saadatullah Khan. Alloxan Diabetes In Rabbits. Pakistan Journal of Pharmacology, July 2005: Vol 22(2), pp.41-45.
16. Ghazanfar Ali Sirhindi, Saadia Shahzad Alam, Shahida Amjad Riaz Shah, Javed Asif, Mateen Izhar, Abdul Hameed Khan, Shahid Hussain, Muhammad Farooq. Serum folate levels in end stage renal disease patients. Ann King Edward Med Uni Jul - Sep 2005; 11(3): 256-7. (Article available on Pakmedinet) <http://www.pakmedinet.com/journal/8/1/September/2005/11%283%29>
17. Ghazanfar Ali Sirhindi, Anwaar A Khan, Saadia Shahzad Alam, Muhammad Akram Ghori, Riazur Rehman, Niaz Ahmed Soomro, Zubair Ahmed, Muhammad Shahid Naeem, Waqar H Shah, Akbar Hussain, Razzaq Ahmed Chohan. Frequency of Hepatitis B, C and Human Immunodeficiency virus in blood donors at Shaikh Zayed Hospital, Lahore. Proceeding Shaikh Zayed Postgrad Med Inst Jun 2005; 19(1): 33-6. <http://www.pakmedinet.com/author/Saadiah+Shahzad+Alam>
18. Ghazanfar Ali Sirhindi, Muhammad Javed Asif, Saadia Shahzad Alam, Nasir M Chughtai, Zafar Iqbal, Abdul Hameed Khan. Affect of combined oral contraceptives on routine coagulation parameters. Proceeding Shaikh Zayed Postgrad Med Inst .Jun 2004; 18(1): 1-5.

19.Afsheen Siddiqi,Saadia Shahzad Alam,Sajada Begum.Evaluation of Nephroprotective Potential of Picrorhiza Kurroa Glycosidal Extract Against Nimuselide Toxicity: A Pilot Study.

J Ayub Med Coll Abbottabad .(Under Process)

**Total Number of local publications (to date) : 18**

**International level publications:**

1. Rabbani, N., Shahzad Alam, S., Riaz, S., Larkin, J.R., Akhtar, M.W., Shafi, T. and Thornalley,P.J. Response to comment on Rabbani et al., (2009) High dose thiamine therapy for patients withtype 2 diabetes and microalbuminuria: a pilot randomised, double-blind, placebo-controlledstudy. Diabetologia, 52(2): 208 - 212, 2009. Diabetologia. 52 (6): 1214-1216. (**Impact factor 6.97**)  
<http://www.springerlink.com/content/m5501305456t6191/>

2. Naila Rabbani, Saadia Shahzad Alam, Samreen Riaz, James Larkin, M Waheed Akhtar, Tahir Shafi and Paul J Thornalley. 2009. High dose thiamine therapy for people with type 2 diabetes andmicroalbuminuria: a randomised, double-blind, placebo-controlled study. Diabetologia. Springer Berlin /Heidelberg. Vol. 52 (2), 208-212. (**Impact factor 6.97**)

<http://www.springerlink.com/content/51l034044218455j/>

<http://www.ncbi.nlm.nih.gov/pubmed/19057893>. <http://www.medineWSdirect.com/?p=625>

<http://brodiesnotes.blogspot.com/2010/03/thiamine-or-benfotiamine-use-in-people.html>

3. Diabetes: Could vitamin 'B' the answer? Chloë Harman Comments on Original article, Naila Rabbani, Saadia Shahzad Alam, Samreen Riaz, James Larkin, M Waheed Akhtar, Tahir Shafi and Paul J Thornalley. High dose thiamine therapy for people with type 2 diabetes and microalbuminuria: a randomised, double-blind, placebo-controlled study. Diabetologia 52, 208–212 (2009). Nature Reviews Endocrinology 5(5), 236-236. Research Highlights (**Impact factor 6.688**).

<http://www.nature.com/nrendo/journal/v5/n5/index.html#rhighlts>

<http://www.nature.com/nrendo/journal/v5/n5/index.html>

4. Diabetes: Could vitamin 'B' the answer? Chloë Harman Comments on Original article, Naila Rabbani, Saadia Shahzad Alam, Samreen Riaz, James Larkin, M Waheed Akhtar, Tahir Shafi and Paul J Thornalley. High dose thiamine therapy for people with type 2 diabetes and microalbuminuria: a randomised, double-blind, placebo-controlled study. Diabetologia 52, 208–212 (2009). Nature Reviews Nephrology 5 (4), 182. Research Highlights (**Impact factor 4.938**).

<http://www.nature.com/nrneph/journal/v5/n4/index.html#rhighlts>,<http://www.nature.com/nrneph/journal/v5/n4/full/nrneph.2009.8.htm>

5. Saadia Shahzad Alam, Samreen Riaz and M. Waheed Akhtar. (2011). Effect of high dose thiamine therapy on activity and molecular aspects of pyruvate dehydrogenase and alphaketoglutarate dehydrogenase in in type 2 diabetic patients (Submitted to Journal of Diabetes investigation. (**Impact factor 1.3**)

6. . Saadia Shahzad Alam ,Samreen Riaz and M. Waheed Akhtar. (2011). Effect of high dose thiamine therapy on activity and molecular aspects of transketolase in type 2 diabetic patients. African Journal of Biotechnology Vol. 10(75), pp. 17305-17316, 28 November, 2011. Available online at <http://www.academicjournals.org/AJB>. DOI: 10.5897/AJB11.2328 (**Impact factor 0.565**) ISSN 1684–5315 © 2011 Academic Journals

7.Saadia Shahzad Alam, Samreen Riaz and M. Waheed Akhtar Effect of High Dose Thiamine Therapy on Risk Factors in Type 2 Diabetics. Alam et al., J Diabetes Metab 2012, 3:10

<http://dx.doi.org/10.4172/2155-6156.1000233>

8. Samreen Riaz, Saadia Shahzad Alam, Surjit Kaila Srai, Vernon Skinner, Aasma Riaz and M.Waheed Akhtar. (2010). Proteomic Identification of human urine biomarkers in diabetes mellitus type-2. Journal of Diabetes technology & Therapeutics. 2010. 12 (12): 979- 988. (**Impact factor 2.620**).

[ftp://wbrt:westrain@ftp2.wbrt.com/distribute/DIA-2010-0078-Riaz\\_1P.pdf](ftp://wbrt:westrain@ftp2.wbrt.com/distribute/DIA-2010-0078-Riaz_1P.pdf)

<http://www.liebertonline.com/doi/pdfplus/10.1089/dia.2010.0078>

9. Samreen Riaz, Saadia Shahzad Alam and M. Waheed Akhtar. (2010). Proteomic Identification of human serum biomarkers in diabetes mellitus type-2. Journal of Pharmaceutical and Biomedical Analysis. Volume 51 issue 5, 1103-1107. (**Impact factor 2.453**).

<http://www.ncbi.nlm.nih.gov/pubmed/20015604>

[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6TGX-4XRJX61-](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TGX-4XRJX61-)

10. Saadia Shahzad Alam, Samreen Riaz, M. Waheed Akhtar. (2011). Effect of high dose thiamine on levels of human serum protein biomarkers in diabetes mellitus type 2. (Accepted for publication)

11. Riaz, S., Alam, S.S. and Ikram, A. 2006. Histopathological changes observed in the heart and gizzard of quail chicks *Coturnix coturnix japonica* administrated by the different levels of chromeshaving. African Journal of Biotechnology Vol. 5 (19), pp. 1765-1769. (**Impact factor 0.565**).

<http://www.academicjournals.org/ajb/contents/2006cont/2Oct.htm>

12. Samreen Riaz, Mehreen Raza, Saadia Shahzad Alam, Shahida Hasnain and M. Waheed Akhtar. 2009. Obesity as risk factor and study of obesity related proteins in diabetes mellitus. African Journal of Biotechnology Vol. 8 (5), pp. 737-744, 6 March, 2009. (**Impact factor 0.565**)

13. Riaz, S., Alam, S.S. and Ali, G. 2006. Effect of different levels of chrome shavings on hematological parameters in the blood of quail chicks. International Journal of Agricultural and Biological Science, Vol. 1 (1), pp. 27-32, July, 2006. (**Impact factor 0.565**)

[http://www.apnjournals.com/jabs/volume\\_07\\_2006.htm](http://www.apnjournals.com/jabs/volume_07_2006.htm).

14. Riaz, S., and Alam, S.S. 2006. Evaluation of nutritive value of different levels of chrome shaving partially replacing animal protein in the feed on the performance of quail chicks. International Journal of Agricultural and Biological Science, Vol. 1 (1), pp. 1-7, July, 2006. (**Impact factor 0.565**)

[http://www.apnjournals.com/jabs/volume\\_07\\_2006.htm](http://www.apnjournals.com/jabs/volume_07_2006.htm).

15. Saba Tariq, Sundus Tariq, Saadia Shahzad Alam, Effect of Ibandronate therapy on Serum Homocysteine and Leptin in Post menopausal Osteoporotic Females. *Osteoporos Int DOI 10.1007/s00198-014-2909-9*

16. **Chapter in book:** Samreen Riaz, Saadia Shahzad Alam. Study of Diabetic Hypertensive Nephropathy in the Local Population of Pakistan. Published By Intech – An Open Access Publisher [www.intechweb.org](http://www.intechweb.org) ISBN 978-953-308-11-6. Chapter 9, Pages 147-166

17. **Chapter in book:** Saadia Shahzad Alam and Samreen Riaz. Thiamine and the Cellular Energy Cycles – A Novel Perspective on Type 2 Diabetes Treatment

#### **Publications of The Pharmacology and Therapeutics Department SKZMDC**

1) Publication of 1st Shaikh Khalifa bin Zayed Al Nahyan Pharmacy Practical Manual on 8th March 2014.

2) 1st SKZMDC Practical Manual of Experimental Pharmacology published.

**Total Number of International Publications: 16**

**Total Number of Citations: 200**

**Total Impact Factor of International Publications (to date): 42**