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List of Publications

Published in Journals:

1. Mishra M, **Kumar H**, Tripathi K. Diabetic delayed wound healing and the role of silver nanoparticles. Dig J Nanomater Bios 2008; 3 (2): 49-54.
2. Mishra M, **Kumar H**, Singh R K, Tripathi K. Diabetes and nanomaterials. Dig J Nanomater Bios 2008; 3 (3): 109-113.
3. Vijay S K*, Mishra M*, **Kumar H**, Tripathi K. Effect of pioglitazone and rosiglitazone on mediators of endothelial dysfunction, markers of angiogenesis and inflammatory cytokines in Type-2 Diabetes. Acta Diabetol 2009; 46: 27-33. (* Equally contributed).
4. Mishra M, **Kumar H**, Pokharia D, Arya A K, Bajpai S, Singh R K, Rai M, Tripathi K. Effect of pioglitazone, rosiglitazone and glipizide on NO_x, TNF- α , VEGF, angiogenin in type 2 diabetes mellitus with cardiovascular complications. Diabetes 2009; 58 (suppl.1): A131-A131.
5. Gour J K, Srivastava A, Kumar V, Bajpai S, **Kumar H**, Mishra M, Singh R K. Implications of nanomedicine in Leishmaniasis. Dig J Nanomater Bios 2009; 4 (3): 495-499.
6. Mishra M, **Kumar H**, Pokharia D, Arya A K, Bajpai S, Singh R K, Tripathi K. Comparative study of IL-12p70 in controlled and uncontrolled type 2 diabetes. Diabetes 2010; 59 (suppl.1): A581-A582.
7. **Kumar H**, Mishra M, Pokharia D, Arya A K, Bajpai S, Singh S K, Singh R K, Tripathi K. sFas-L correlates negatively with insulin resistance in T2DM. Diabetes 2010; 59 (suppl.1): A651-A651.
8. Mishra M, **Kumar H**, Bajpai S, Pokharia D, Arya A K, Singh R K, Tripathi K. PPAR- γ agonists Vs glipizide: A comparative evaluation on markers of endothelial dysfunction and angiogenesis in north Indian type 2 diabetes mellitus with cardiovascular complications. World Heart J 2010, 2 (2): 111-118.
9. Bajpai S, Mishra M, **Kumar H**, Tripathi K, Singh S K, Srikrishna S, Pandey H P, Singh R K. Comparative study of connexins expression in diabetic and nondiabetic wounds. Dig J Nanomater Bios 2010; 5 (3): 857-862.
10. Arya A K, Pokharia D, Mishra M, **Kumar H**, Tripathi K. Impact of lymphocyte apoptosis in diabetes mellitus. Asian J Med Sciences 2011; 2(1):1-6.
11. Thukral A, Mishra M, Srivastava V, **Kumar H**, Dwivedi A N D, Shukla R C, Tripathi K. Determinants of intravascular resistance in Indian diabetic nephropathy patients: A hospital based study. International Journal of Vascular Medicine 2011; 2011: 656030.

12. Bajpai S*, Mishra M*, **Kumar H**, Tripathi K, Singh S K, Pandey H P, Singh R K. Effect of selenium on connexins expression, angiogenesis and antioxidant status in diabetic wound healing. *Biol Trace Elem Res* (DOI: 10.1007/s12011-011-9097-7) (*Equally contributed) (Online First available).
13. **Kumar H***, Mishra M*, Bajpai S, Pokharia D, Arya A K, Singh R K, Tripathi K. Correlation of insulin resistance, beta cell function and insulin sensitivity with serum sFas and sFasL in newly diagnosed type 2 diabetes. *Acta Diabetol* (DOI:10.1007/s00592-011-0307-8)(Accepted 2011) (*Equally contributed).
14. Mishra M*, **Kumar H***, Bajpai S, Singh RK, Tripathi K. Level of serum IL-12 and its correlation with endothelial dysfunction, insulin resistance, proinflammatory cytokines and lipid profile in newly diagnosed T2DM. *Diabetes research & clinical practice* (*Equally contributed). (DOI:10.1016/j.diabres.2011.07.037) (Online Available, 2011)
15. Bajpai S, Mishra M, **Kumar H**, Tripathi K, Singh R K. Effect of different antidiabetic drugs on diabetic wound healing via regulation of connexins and oxidative stress markers. *Diabetes* 2011; 60 (suppl.1): A289-A289.

Book/ Book Chapter

16. Tripathi K, Thukral K, **Kumar H**, Mishra M, Deepa Pokharia. Acute Renal Injury- prognostic biomarkers. *Post Graduate Medicine*, Vol XXIII 2009.

Conference Proceedings

17. Mishra M, **Kumar H**, Kumar L, Pokharia D, Arya A K, Shukla V K, Tripathi K. Effect of PPAR- γ agonists (Pioglitazone and Rosiglitazone) on angiogenic markers in diabetic wound. Third Congress of the World Union of Wound Healing Societies-2008, 4-8 June, CANADA.
18. **Kumar H**, Mishra M, Pokharia D, Kumar L, Arya A K, Shukla V K, Tripathi K. Glycaemic control affects the apoptosis during delayed diabetic wound healing. Third Congress of the World Union of Wound Healing Societies-2008, 4-8 June, CANADA.
19. Mishra M, **Kumar H**, Bajpai S, Singh R K, Tripathi K. Serum IL-12 and endothelial dysfunction markers in newly diagnosed type 2 diabetic patients. 4th International Conference of Diabetes India-2011, 15-17 April, New Delhi.
20. Bajpai S, Mishra M, **Kumar H**, Tripathi K, Singh R K. Effect of glibenclamide and pioglitazone on connexin regulation and diabetic wound healing. 4th International Conference of Diabetes India-2011, 15-17 April, New Delhi.