

MD (Biochemistry)
Title (Plan of Thesis)
(Session 2013-2016)

S.No.	Title (Plan of Thesis)
1.	Study of inflammatory markers and TNF- α gene 308 (G/A) polymorphism in gestational diabetes mellitus.
2.	Study of follicle stimulating hormone receptor gene (Ser680Asn) polymorphism in women with polycystic syndrome.
3.	Study of serum paraoxonase I activity and paraoxonase I gene (192A/G) polymorphism in type 2 diabetes mellitus.
4.	Evaluation of effects of HoCT1(SLC22A1) gene expression, sequence polymorphism (SNPs M420del & M408V) and promoter hypermethylation on the response to imatinib in chronic myeloid leukemia patients.
5.	Evaluation of promoter hypermethylation of tumor suppressor genes (NISCH and CDH1) in plasma DNA and estimation of serum nischarian levels in lung cancer patients.
6.	Study of blood levels of endothelial lipase (EL), highly sensitive C reactive protein (hs-CRP) and lipg gene polymorphism 584C/T(rs2000813) in coronary artery disease.
7.	Interaction of CYP1A1 gene and pysical stress in pathogenesis of male infertility.
8.	OLR1 gene polymorphism and its association with serum levels of oxidized LDL, oxidative stress and paroxonase in patients with metabolic syndrome.
9.	Evaluation of metabolic syndrome and vitamin D receptor gene polymorphism in male factor infertility.
10.	Promoter hypermethylation of GADD45G and P16 (INK4 a) genes in chronic myeloid leukemia patients.

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11.	Study of mutations [c.427A>G and c.506>T], promoter hypermethylation and expression of claudin-6 gene in breast cancer cell lines and breast cancer patients.
12.	Role of glucagon like peptide -1 in modulating atherogenesis in type 2 diabetes mellitus.