

GROUP TASK

Dr. AK Tripathi

Title of the Project :

Association of Common Variants of Inflammatory Cytokine Genes with Risk of Nephropathy in Type 2 Diabetes among Asian Indians.

Objective: Eight single nucleotide polymorphisms (SNPs) of pro-inflammatory cytokine genes (CCL2, TGFB1, IL8, CCR5, and MMP9) were to be genotyped.

Sample: Two independently ascertained type 2 diabetic cohorts with nephropathy (n=200), without nephropathy (n=200) and control (n=200).

Methodology:

- DNA will be isolated by DNA isolation kit and will be amplified by a thermo cycler. Amplified DNA will be digested by restriction enzyme and the restriction fragments will be separated by electrophoresis. The separated DNA fragments will be visualised and recorded by a Gel doc system.
- hsCRP will be estimated by ELISA using commercially available kit.

(Note: Collaborative dept. have ELISA reader, Gel doc system and thermo cycler. However thermo cycler cannot be spared due to existing work load. 50 sample DNA isolation kit costs = Rs 5 K, 96 well hsCRP kit costs Rs 12K)

Find out the requirement with respect to staff, equipment, consumables, contingency etc for the project and draw item wise as well as a consolidated budget proposal giving justification for each heading.

BUDGET FOR MANPOWER

		BUDGET			(In rupees)
Designation and no. of persons	Monthly emoluments (in Rupees)	1 st year (m.m*)	2 nd year (m.m*)	3 rd year (m.m*)	Total (m.m.)

Total					
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*Please provide justification for the requirement.

BUDGET FOR EQUIPMENT*

S.No.	Generic name of equipment with make and model	Imported / Indigenous	Estimated cost (in foreign currency also)	Spare time for other users (in %)
1.				
2.				
3.				
Total				

*Please provide justification for the requirement.

BUDGET FOR CONSUMABLE MATERIALS

S. No.	ITEM	BUDGET			(In Rupees)
		1 st year	2 nd year	3 rd year	Total
1.					
2.					
3.					
4.					
5.					
6.					
7.					
	TOTAL				

*Please provide justification for the requirement.

BUDGET FOR OTHER COSTS / CONTINGENCIES

Item	BUDGET			Total (In rupees)
	1 st year	2 nd year	3 rd year	

*Please provide justification for the requirement.

BUDGET FOR TRAVEL

Item	BUDGET			Total (In rupees)
	1 st year	2 nd year	3 rd year	

*Please provide justification for the requirement.

CONSOLIDATED BUDGET PARTICULARS (IN RUPEES)

A. Non-Recurring (e.g. equipments, accessories, etc.)

S. No.	Item	Year 1	Year 2	Year 3	Total
1					

Sub-Total (A)

B. Recurring**B.1 Manpower (See guidelines at Annexure-III)**

S. No.	Position	Consolidated Emolument	Year 1	Year 2	Year 3	Total

Sub-Total (B.1) =**B.2 Consumables**

S. No.	Item	Quantity	Year 1	Year 2	Year 3	Total

Sub-Total (B.2) =

Other items	Year 1	Year 2	Year 3	Total
B.3 Travel				
B.4 Contingency				
B.5 Overhead				
Sub-total of B (B.1+B.2+B.3+B.4+B.5)				
Grand Total (A + B)				

Following are the projects financed by some of the funding agency. Identify at least two projects and list the requirement w.r.t. Staff , Equipment , Consumables required for execution of these projects.

LIST OF PROJECTS:

1. Role of ace insertion deletion gene polymorphisms in the development of ischaemic stroke and acute myocardial infarction(ami).
2. Estimation of oxidative stress during oral iron supplementation in daily vs weekly schedule among anaemic pregnant mothers
3. Low dose magnesium sulphate regimen for management of eclampsia-a randomized controlled trial
4. Assessment of risk factors associated with alzheimer's disease and vascular dementia
5. Impact of metabolic risk factor and il-6 promoter gene polymorphism on clinical and endocrinological profile of women with polycystic ovarian syndrome
6. An epidemiological study of prevalence and pattern of neuro-psychiatric disorders with special reference to cognitive disorders amongst elderly
7. Rapid identification of mycobacteria to the species level by pcr restriction analysis, in clinical samples
8. Genetic analysis of vegf-a, ccl-2, and sfl1t-1 expression in patients of amyotrophic lateral sclerosis and their clinical correlation
9. Study of oxidative stress risk factors in alzheimer's disease and vascular dementia (in geriatric patients)
10. A comparative study of various types of nutritional therapies on morbidity and quality of life in nutritional deficient patients with liver cirrhosis
11. Prognostic significance of vascular endothelial growth factor (vegf) polymorphism in breast cancer
12. Association of cytokine gene polymorphisms with hepato- cellular carcinoma in viral hepatitis B patients in india
13. Microvessel density, cd-34, immunostaining vascular endothelial growth factor(vegf & vegf-c) and serum psa/free psa correlations in clinical staging and prognosis of carcinoma prostate
14. Epidemiology of musculoskeletal conditions in india