V.G.Ramachandran

Group task - 1

Following is an example of research situation/problem requiring inquiry, culminating in solutions/recommendations. Your Group is expected to convert it into a research project for soliciting funds from appropriate agency.

Cognitive changes were observed in a laboratory animal after an injection of brain tissue from a patient of Alzheimer's disease. This observation has revived the curiosity about the infectious etiology of this disease.

V.G.Ramachandran

Group task - 2

Following is an example of research situation/problem requiring inquiry, culminating in solutions/recommendations. Your Group is expected to convert it into a research project for soliciting funds from appropriate agency.

Inactivated avian flu vaccine (H5N1) is effective but the immunity induced in the vaccine is not robust and durable. A fellow researcher suggested that priming with naked DNA vaccine followed by boost with the inactivated vaccine might yield the desired response.

V.G.Ramachandran

Group task - 3

Following is an example of research situation/problem requiring inquiry, culminating in solutions/recommendations. Your Group is expected to convert it into a research project for soliciting funds from appropriate agency.

Govt. of India, Health Ministry has issued a nation wide circular strongly discouraging serodiagnosis of tuberculosis for diagnostic and therapeutic purposes, but advocating the judicious use of molecular diagnosis for the same disease under specific circumstances. You want your postgraduate student to inquire into the reason for this advisory.

V.G.Ramachandran

Group task - 4

Following is an example of research situation/problem requiring inquiry, culminating in solutions/recommendations. Your Group is expected to convert it into a research project for soliciting funds from appropriate agency.

A Medical institution with 150 undergraduate admissions per session is quite concerned about the indifference of its III & IV semester students towards learning of Microbiology, reflected in poor attendance at didactic lecture sessions and boycott of terminal examinations. The MEU of your institution summons your services to a cessation of this characteristic and revival of interest in the subject.