

NOSTRUM VITÆ

CURE ALL

Problem Statement:

Event is based on what basic knowledge Pharmacist requires i.e.

Innovation, Funding, R&D

ROUND 1:

Problem statements will be given for diseases and based on the problem statements, the participants must come to a conclusion about the disease. The hunt will be driven by mutations, infectivity, symptoms. These problem statements will be given with the help of ppts, if required the participant will also be shown a video on the problem but with some deduction of marks, for revealing the clue.

ROUND 2:

After finding the disease, pitch the investors for funding the research. Convincing power of the participants depend upon the idea of formulation of the drug in most cost-effective manner, how easily can it be afforded, and the impact of your disease. The idea is to be your own physician and eliminate the need of any surgery or operation. Only the person having identified the right disease would be able to convince the investor, so shortlisting for round 3 will be done here. Hints will be shown through ppts about drug profiling.

ROUND 3:

Now given that participants have the fund, ultimate goal is to find the drug for its treatment. The drug discovery will be based on the mechanism of action of the drug. Here is where participants will need to apply their listening skills, the functioning of the drugs will be described throughout the event indirectly in clues, participants who would apply the right combination of disease along with their ideas about medicines will win.

IMPORTANT:

The diseases which will be given in the rounds will be similar to what humans are suffering from in the present scenario but they won't be exactly the disease itself. They mostly will contain symptoms and

mutations of multiple of diseases combined to form one disease which will be cured with a combination of drugs.

Our aim is to stimulate the decision making of a student in different scenario of pathology and decide how to act in which disease condition.

Example:

HIV AIDS is accompanied by Hepatitis B (infection of liver), therefore in patients conditions these diseases combined cause rapid destruction of white blood cells (immune system). The scientists research on how to find a drug to combat both the diseases.

Our aim is somewhat similar to this, give an insight on how different pathways in our body are interlinked and infections use our own mechanism against us. After knowing about such conditions, participant students would definitely realize a change in their attitude as to how they understand human physiology.

RULES:

Maximum of 3 people per team.

In each round, marks will be awarded out of 50.

Every time a ppt is shown to reveal the clue in any of the rounds, negative marking will be done.

For further help, prescription of drugs will be provided (although it won't be necessary).

Individual participation is also welcomed.

Top 10 teams/individuals will be shortlisted for the final round. And 3 winners will be decided.

Internet is not allowed.

Further information will be provided on spot.

NOTE:

Not to worry about too much of literature, everything will be explained through ppts in the event itself.

Only basic general knowledge about popular diseases and medication will suffice.

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