

Metagenomic sequencing of CSF samples - Support #139

Confirmation of the analysis to be conducted by the BST

03/04/2022 11:56 AM - Ephie Geza

Status:	New	Start date:	03/04/2022
Priority:	Normal	Due date:	03/07/2022
Assignee:	Ruan Marais	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
Ruan, please confirm that the human component aspect the BST should conduct is the human RNA seq and downstream analysis.			
Regards Ephie			

History

#1 - 03/04/2022 04:14 PM - Ruan Marais

The analysis required is

- 1) Human RNASeq and downstream analysis as noted specifically related to immune system genes
- 2) Assessment of human immune system genes DNA (in particular but not limited to interferon, cytokines and chemokines)

The purpose of the above is to develop a predictive algorithm to determine whether an infectious or other non-infectious cause is likely.

#2 - 03/04/2022 04:18 PM - Ruan Marais

Ruan Marais wrote:

The analysis required is

- 1) Human RNASeq and downstream analysis as noted specifically related to immune system genes
- 2) Assessment of human immune system genes DNA (in particular but not limited to interferon, cytokines and chemokines)

The purpose of the above is to develop a predictive algorithm to determine whether an infectious or other non-infectious cause is likely.

The consent form for included participants is as follows:

"Any genetic information ... will only be used for research into infections or conditions that look like infections of the brain, spinal cord or layers around them. This could help doctors to make a more accurate diagnosis. The research may also help doctors know if a person has risks for more severe illness."