



## Module PMRF-ISSS149/II/2024

# Introduction to Infectious Diseases

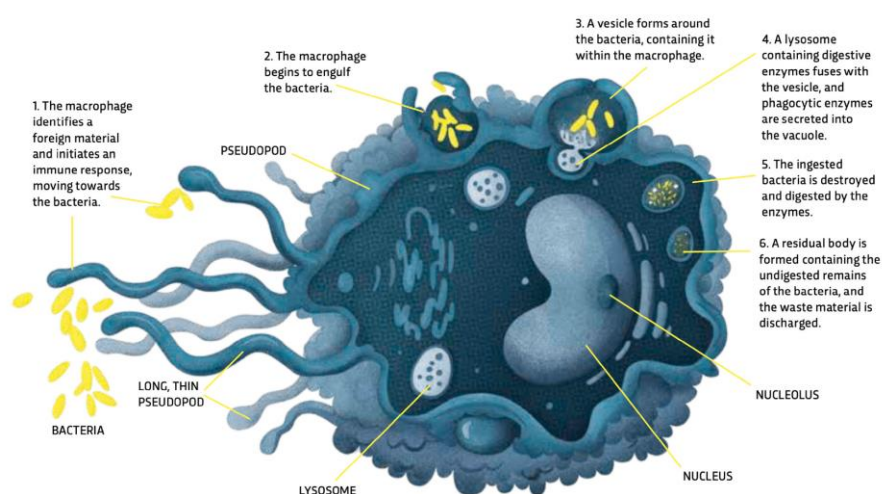
### Name of the PMRF student

Shashaank. G

### Details of the content of the module

### Required background of the students taught

- Basic Cell Biology
- Basic Molecular Biology



Pictured: White blood cell engulfing and killing a bacterium

Image adapted from:  
<https://www.sciencefocus.com/the-human-body/macrophages>

This module will consist of a combination of pre-recorded lectures and live interaction sessions covering the following topics:

- Introduction to Microbiology, Microbial Pathogens
- Introduction to Immune System, Host Defence Against Infection
- Immune Evasion Strategies Adopted by Pathogens
- Case Studies of Infectious Disease Outbreaks (eg: SARS-CoV-2)

### Schedule of the module

September 21<sup>st</sup> – November 10<sup>th</sup> 2024

Monday, Friday 6 PM: Recorded Lectures (2h Each)

Sunday 10 AM – 12:30 AM: Live Interaction/Doubt Clearing

Meeting link : Will be shared later

[Link](#)

Contact email ID: [issf.forum@gmail.com](mailto:issf.forum@gmail.com)

Registration link:

<https://forms.gle/n9tvjV9BBRAXAKPgE6>