

The diagnoses and treatment of infectious diseases

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Damage to the climate is real and happening now. With increasing greenhouse gases (like CO₂) into the atmosphere, gases trap heat and alter the Earth's climate. The age of global warming will foster the spread of infectious diseases. Therefore, it is imperative to understand the factors that contribute to the development of infectious diseases. In this presentation, participants will learn about

the significance of climate change as the major factor for the emergence of infectious diseases. Other teaching subjects will include but not be limited to the lack of quarantine, improper hygiene, anti-vaccination movement and unrestricted antimicrobial use. From the host perspective, factors such as environmental/occupational exposure, immunosuppression (via drug or disease), history of surgery/trauma, intravenous drug abuse, bestiality and prior infection or use of antimicrobials. The presentation will be suitable for students, trainees, clinicians and researchers of all backgrounds. The purpose will

be to stimulate the awareness and understanding of emerging infectious diseases.

Biography

Budder Siddiqui is a Board Certified Assistant Professor at the Medical College of Georgia. He has practiced as a fulltime Infectious Diseases Clinician since 2016. Prior to that, he served as an Academic Hospitalist at the University of Buffalo. His research background includes case reports, poster presentations and the current pursuit of clinical trials including the investigational monoclonal antibody MEDI3902 for the prevention of nosocomial pneumonia caused by *Pseudomonas aeruginosa*. Furthermore, he is also working on a novel antibiotic (Afibicin, Debio 1450) for treating *Staphylococcus aureus* bone and joint infections. With his unique background and captivating charisma, Siddiqui engages his audience and delivers a brilliant presentation that will spark interest and innovation.

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