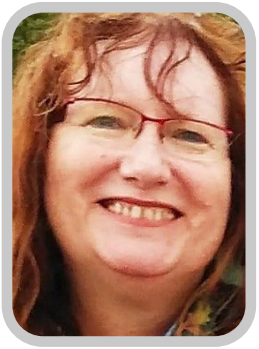

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Emerging Infectious Diseases: Strategies for Prevention and Control

Abstract:

Coronaviruses are a large family of viruses that, according to evidence, can cause diseases ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS) or even more severe diseases such as Severe Acute Respiratory Syndrome (SARS). Epidemiology A disease, whether contagious or non-contagious, may be more or less common in some areas and under some conditions among a large number of people. In other words, a disease can be more or less common. The science that studies how diseases spread and what causes them to spread is called epidemiology, which is a branch of medical science. Basically, epidemiology seeks to prevent the occurrence and spread of a disease or to control it if it does spread. Communicable diseases are a type of infectious disease that can be transmitted from person to person or to humans through insects and other animals. This disease can also be transmitted by organisms in contaminated water or food that has been exposed to the environment by an infected person. For example, a sick child's cough is one way to transmit a cold or flu to others, which must be well taken care of and prevented. In general, the factors that because infectious diseases include viruses, bacteria, and parasites. The signs and symptoms of infectious diseases will also vary depending on the agent causing the infection.

Biography

Delia Teresa Sponza is currently working as a professor at Dokuz Eylul University, Department of Environmental Engineering. Scientific study topics are; Environmental engineering microbiology, Environmental engineering ecology, Treatment of fluidized bed and activated sludge systems, Nutrient removal, Activated sludge microbiology, Environmental health, Industrial toxicity and toxicity studies, The effect of heavy metals on microorganisms, Treatment of toxic compounds by anaerobic / aerobic sequential processes, Anaerobic treatment of organic chemicals that cause industrial toxicity and wastewater containing them, Anaerobic treatability of wastewater containing dyes, Treatment of antibiotics with anaerobic and aerobic sequential systems, Anaerobic and aerobic treatment of domestic organic wastes with different industrial treatment sludges, Treatment of polyaromatic compounds with bio-surfactants in anaerobic and aerobic environments, Treatment of petrochemical, Textile and olive processing industry wastewater by sonication, Treatment of olive processing industry wastewater with nanoparticles and the toxicity of nanoparticles. She has many international publications with an H index of 43 and 6300 citations.