

THE NETWORK: TOWARDS UNITY
FOR HEALTH & FACULTAD DE MEDICINA,
UNAM, PRESENT



THE NETWORK
TOWARDS UNITY FOR HEALTH



Facultad de Medicina



TUFH2020 MEXICO

VIRTUAL CONFERENCE

"PRIMARY HEALTH CARE: A PATH
TOWARDS SOCIAL JUSTICE"

SYSTEMS AND COMMUNITY BASED
RESPONSES TO COVID-19

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TUFH 2020 Abstracts

Title	The Dilemma of COVID-19; Immunology and treatment.
Type	Oral Presentation <i>Intersectoral Collaborations and the Social Determinants of Health</i>
Presenting Author	Kirellos Atef Zaki Abboud
Co-Authors	
Country	Egypt
Abstract N°	TUFH310
Content	<p>The novel coronavirus SARS-CoV2 causes COVID-19, a pandemic threatening millions. Every day the world receives news about the epidemic of Coronavirus, but we cannot stand watching this without doing anything while the pandemic is seizing many lives. It is our duty to search and study more for saving the world. About 25% of COVID-19 patients experienced severe complications including acute respiratory distress syndrome (ARDS), and even progressed into an intensive care unit (ICU) admission and died. This Narrative review aims to provide a comprehensive view for the latest studies about the immunology and treatment of COVID-19 and gives variable examples for the ideas used for treatment on patients but without long term study. The results of the review briefly are that the pathology and immunology of COVID-19 is almost understood, and it is used in designing many treatment trails like the use of anti-inflammatory drugs, monoclonal antibodies (tocilizumab), melatonin and plasma. Concerning investigations and diagnosis the review gives a comparison between SARS, MERS and COVID-19. The Conclusion is that additional experiments and clinical studies are required to confirm treatment and vaccine trials. We hope to gain a better understanding of the host-pathogen interaction, host immune responses, and the pathogen immune evasion strategies, by which we can develop a vaccine and - hopefully- a definitive treatment.</p>