

4<sup>th</sup> European Congress on  
**VACCINES AND IMMUNOLOGY**Constantinos Karamalis, Immunological Disorders and Immunotherapy, Volume 05, Issue 4  
ISSN: 2593-8509

## Anti-Microbial Resistance

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According to World Health Organization(WHO) in 2019, Anti-microbial resistance is 1 out of the 10 threats to global health. The term Anti-microbial resistance refers to the ability of the microorganisms such as bacteria, viruses, parasites and fungi to resist the medicines, which are used for their treatment. This phenomenon is a serious public health issue because, it is takes us back to the times when the health systems were not able to treat infections which their treatment now is a daily routine. The drug resistance is caused by the thoughtless use of antimicrobial drugs in people but also the use of antimicrobial drugs in animals, especially the animals which are intended for consumption and the environment too. A public health policy to fight against the drug resistance is to raise awareness and knowledge about this topic and encourage people to use with sensibility the antimicrobials in their life. Moreover, Doctors should not give without consciousness drugs

to their patients but instead, they have to think and to act based on an algorithm on antimicrobial resistance.

**Biography**

Constantinos Karamalis is a post graduate student at Department of Public Health of University of West Attica in Greece. During his studies in the field of public health, he started to emphasize on the epidemiology of the infectious diseases and the anti-microbial resistance. He launched a project with other 3 colleagues and they estimate the quality of the indoor air in the University of West Attica in order to return to our everyday life which COVID-19 stole from us. Moreover, their idea won the 2nd place in an innovation competition TEDxUNIWA in 2021.

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