



Microbial Forensic as a Tool for Bioterrorism: A Review

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Abstract:

Microbial forensic usually used to detect bio crimes and toxification using microorganisms. Bioterrorism covers a wide spread of concerns, from catastrophic terrorism with mass casualties, to micro-events with modern technology with dual use research of concern and death to the military officials, scientists, and the general public. Compared to other sectors of the population, clinical microbiologists have valuable concerns about bioterrorism. Historically since the pre-Christian era, bioweapons have resulted in the decimation of whole communities and have changed the geopolitics of several places. Bioterrorism, the deliberate, private use of biological agents to harm and frighten the people of a state or society, is related to the military use of biological, chemical, and nuclear weapons. Attacks with biological agents are among the most insidious and breed the greatest fear. Attacks could go undetected for a long time, potentially exposing a vast number of people who are unaware of the threat. In this paper, the role of microorganisms on bioterrorism and as a potential tool is critically here in terms of bioweapon; that is, organism plays the role of bioweapons to cause harm or diseases.

Biography:

Marwana M is the Europe, Middle East and Africa (EMEA) regional Lead for Emerging Practices | Department of Microbiology, a business outcome-led global analytics platform provider. Marwana specializes in engaging with clients across all industries to deliver Microbiology based solutions on their related Platforms. He has been successful in delivering these solutions by creating De-



partment of Microbiology that have become trusted advisors for their customers to launch Strategic Enterprise initiatives focused on data-driven outcomes.

Publication of speakers:

1. Alberts, m. Goggy,y. Bell.R/ (2002); Necessary information about microbial forensics is available in the science of studying D.N.A. sequences. *Journal of Microbiology*. 45 (4) Pp2-3.
2. Budowle.U, w azy.T, Basso.Y (2011).Primorac Stansfield, 2014). Various national and international advisory bodies have also addressed many of the issues covered in the report (see, e.g., the statements of the U.S. National Biosurveillance Block. 63 (2) 40-50
3. Clarke, S. C. (2005). "Bacteria as potential tools in bioterrorism, with an emphasis on bacterial toxins." *British Journal of Biomedical Science*. 62 (1): 40-46.
4. (Centre for Disease Control, 2018). Smallpox - What C.D.C. Is Doing to Protect the Public From Smallpox". Archived from the original Retrieved - The DoD Immunization Information and Training Portal." Archived from the original. NY: New York. London. (2nd ed.) 43 (3) 23-40

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