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Letter to the editor

# Bioinformatics Application in Detection of Food-Borne Agents

*Dear Editor*

Food-borne diseases are caused by various infectious agents such as bacteria, viruses, protozoa, and helminths. There are so many outbreaks of food-borne diseases around the world (Gould et al., 2017). One of the strategies for control of this type of diseases is treatment. For achieving this important target, we need to diagnosis the real agent of the food-borne disease at the real time. Therefore, designing biosensors should be an appropriate way. Thus, finding the suitable proteins for applying to diagnosis is valuable in this system. A suitable tools for the analysis of the appropriate proteins is to understand their function for the detection mode. The relation of the structure and function of proteins is a powerful tool that will give more efficiency to this method. So, studies on this field are recommended for one of the best application for receiving the target, i.e. diagnosis of the agents in foods before consuming.

Dr. A. Maurady
*Faculty of Science and Technicien, University Abdelmalek Essaâdi, Tangier, Morocco*
E-mail: amal.maurady.ma@gmail.com
ORCID ID: https://orcid.org/0000-0001-9298-717X

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