

Invitation to use the Sponge-Like-Protocol for biological structures evacuation

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Dear Editor, Sponge-Like Protocol proves success since its publishing in 2013 [1]. The protocol is design for evacuating any microbes. Its main concept is the use of biocritical concentration of some chemical compounds [1,2]. Any compounds that can introduce pores in the cell wall is invited. Meanwhile, the purpose of the evacuation will put some compounds in the top of the list [3]. Determining the minimum and the growth concentration of the used compounds is critical. The other important issue is the understand of the microbe behavior. For example, microbes able to produce exopolysaccharide might give incorrect concentration [4].

The protocol was optimized using Plackett-Burman statistical randomization (12 experiment) [1]. And then simplified using the best two experiments [5]. Then the surface antigen was validating using immunological analyses. Side by side enzymes that effect on the cell wall was investigated [6]. And microbes out of prokaryotic are examined [3]. The protocol proves success with all microbes till nowadays [7,8]. Yeast, fungi, viruses, spores, spore former bacteria, are evacuated [3,9,10].

It needs only some understand for the microbe under investigation. For example, viruses did not contain the cell wall. But H₂O₂ could be used for evacuating its genetic materials. The microbes, chemical compound, the steps, and the correct understand will succeed any trail. For sure the experience with the microbes is crucial. It is like a game, how to evacuate simply without damage the surface antigens. Finally, this protocol shows great success and hopes. It gives meaningful push to different branches of science. It supports the microbiology, immunology, cytology, cell wall study, microbial classification, etc [11]. And proposed to be a separate branch might give the name "evacoulogy". Many authors have used this protocol. And more and more microbes are evacuated. I am personally hoping to see the trophozoite, the cancer cells are evacuated. And of course, many other biological structures as well. For me this protocol takes twelve years from my life till nowadays. It also takes many years of my students,

my partners, the groups I have worked with them, to introduce it to the scientific communities. Each one applied it to his hope. For example, a group has focused on using it as a drug delivery system [12]. They have used it basically for developing a medication for treating cancer.

I attract the attention of the scientific community for the importance of this protocol. Lastly, one unique property of it is that it inexpensive. Its main parameter if calculated and applied correctly; the protocol is straightforward.

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