

Review of: "Inhibiting Efflux Pumps and Resistance Mechanisms: A Mini Review"

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Potential competing interests: No potential competing interests to declare.

The review article, "Inhibiting Efflux Pumps and Resistance Mechanisms: A Mini Review," is artfully crafted to ensure comprehension by a broad audience. The authors skillfully elucidate the intricate realm of efflux pump-mediated resistance, expounding on the diverse types and functions of these pumps. The article further illuminates the pivotal role efflux pumps play in antibiotic resistance, unraveling the complex interplay within this resistance mechanism.

A notable strength of the article lies in its exploration of strategies employed to impede the activity of these efflux pumps. The authors adeptly navigate through scientific intricacies, presenting the information in a manner that demystifies the subject for readers unfamiliar with the technicalities. This approach not only enhances the accessibility of the content but also serves as a commendable bridge between specialized knowledge and a lay audience.

Some of the minor points to be addressed are as follows

1. In the introduction part, the role of efflux pumps is not clear, could you write in detail.
2. In 1.2 section, the authors had mentioned efflux pumps flavors not clear. What do you mean by flavors in efflux pump?
3. In 5.1 section combination therapy Targeting efflux pumps and Antibiotics "rewrite the sentence combating antibiotic resistance is not an easy task".
4. Could you provide more example of success and failure stories like what are the methods are used through drug discovery approaches.