

Review of: "Decoding the Promiscuous Activity of Bile Salt Hydrolase"

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Potential competing interests: No potential competing interests to declare.

- Can you provide specific examples of gut bacteria that produce BSH and their role in forming BBAs?
- Give an example of protein promiscuity in protein-protein interactions and in enzyme-catalysed reactions such as cytochrome P450, esterase/lipase, etc. Cite the following article for enzyme-catalysed reactions:
<https://doi.org/10.1016/j.enzmictec.2022.110102>
- Lipase is also one of the important enzymes to be discussed here for its catalytic promiscuous activity, cite:
<https://doi.org/10.1016/j.ijbiomac.2019.06.042>
- Could you elaborate on the mechanism mentioned in Rimal et al. and how it relates to the proposed condition promiscuity of BSH?
- What is the range of critical micelle concentrations? Give some numbers.