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New developments in microbial management in larviculture

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For most species growth and survival at the larval stage is poor and reproducibility is low. This is especially the case early during domestication/industrialization of a species. The reason for this problem has been discussed for decades, and it was late that detrimental larvae/microbe interactions were hypothesized as a mechanism for the observed problems. In this presentation I will discuss the knowledge status for this hypothesis, before I present new developments in our understanding of what determines the bacterial community composition and their functional role in the host. Finally I will discuss the current status of various microbial management methods, their pros and cons, and propose some directions for future research.