



Virulence and Antimicrobial Resistance: Convergence or Divergence

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Message from the Guest Editors

Dear Colleagues,

Antimicrobial resistance and virulence are among the most important properties of bacteria in practice, but traditionally they were considered by microbiologists as relatively independent phenomena. Even the results of research in these areas have been published in various journals. The situation changed dramatically after the appearance of genetic lines of *Klebsiella* possessing both the properties of multiple resistance and increased virulence. The number of works on the problem is growing exponentially; a number of convergence mechanisms have already been described, but progress in the development of treatment methods is very small. Obviously, to solve this problem, a deeper understanding of evolution and the molecular mechanisms of convergence is required, which in turn requires fundamental research involving systems biology methods. Although the phenomenon of convergence has been found in *Klebsiella*, it is likely that its formation and distribution is not limited to this species. This Special Issue of the multidisciplinary journal *Biomedicines* provides a unique platform for researchers from various fields to join forces to curb convergence and virulence.





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Message from the Editor-in-Chief

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