Engineering

August 2022

Antimicrobial Resistance

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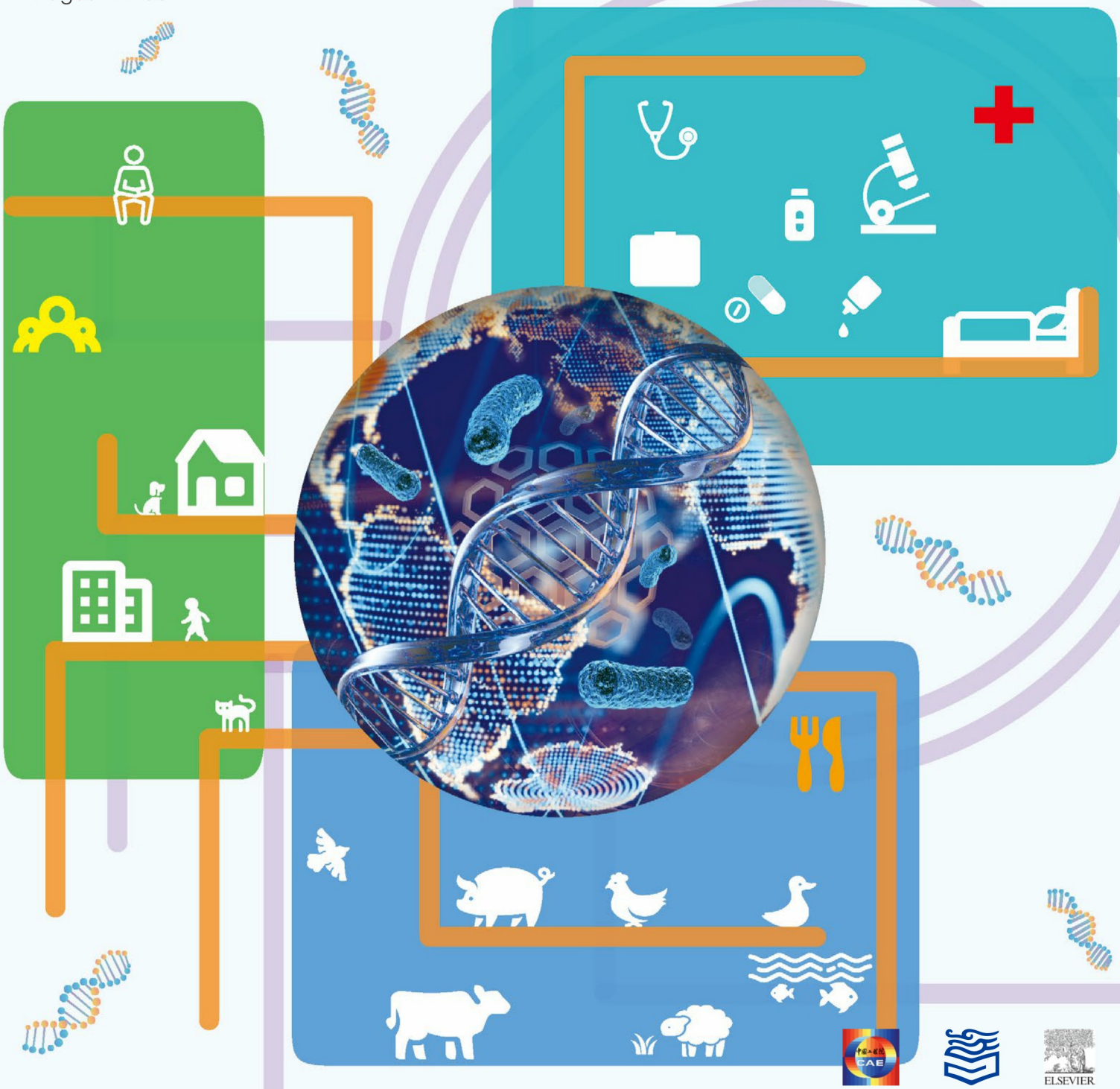

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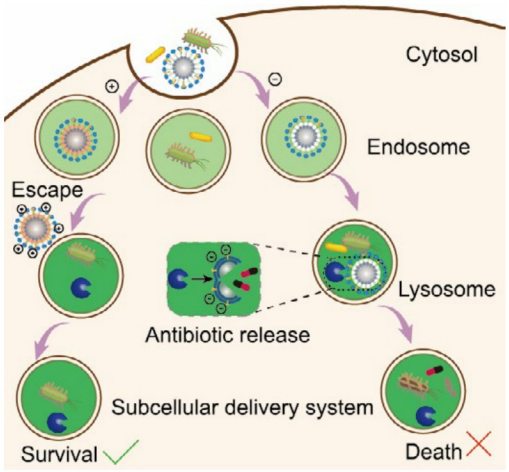

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ON THE COVER

The cover image depicts a geomorphic bacterium carrying an antimicrobial resistance (AMR) gene. The branches around the bacterium extend in three different directions, toward representations of a clinical setting, the environment, and animals, some of which are used for human food. As indicated here, AMR can spread among humans, the surrounding environment, and animals; thus, when addressing the issue of AMR, it is necessary to consider the "One Health" concept and acknowledge the connections between human health and that of animals and our environment. This image was conceived by Dr. Lu Yang from the Beijing Center for Disease Control and Prevention.

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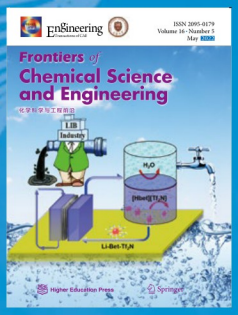

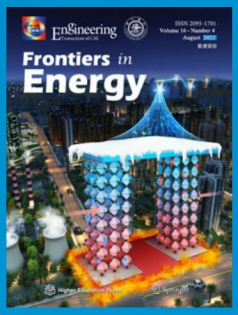

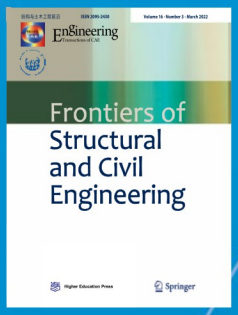

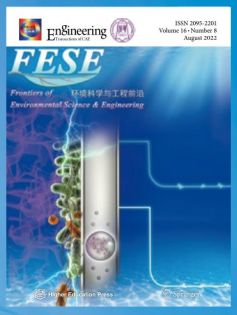

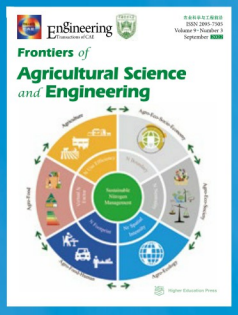

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