

Abstract Submitted
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Fluid fragmentation and disease transmission LYDIA BOUROUIBA, JOHN W.M. BUSH, Massachusetts Institute of Technology — **fragmentation** — The transfer of pathogens from infected to non-infected members of a population is critical in determining the outcome of an epidemic. However, fundamental mechanisms of pathogen spreading remain poorly understood. We here present the results of combined experimental and theoretical studies of the role of fluid fragmentation in the transmission of a number of common pathogens, with a particular focus on those causing respiratory infections.

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