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Introduction to Mechano-Micro-Biology: Superheroes of the Human Microbiota and Beyond

We all have in all likelihood more bacterial cells in us and on us than our own cells. Many bacteria bear appendages called Type IV pili. These long retractable polymers enable bacteria to exert forces on their surroundings and between each other. We will show characterization of the physical forces involved and how they can shape the interaction between bacterial cells and between bacterial cells and substrates whether abiotic or human cells.

