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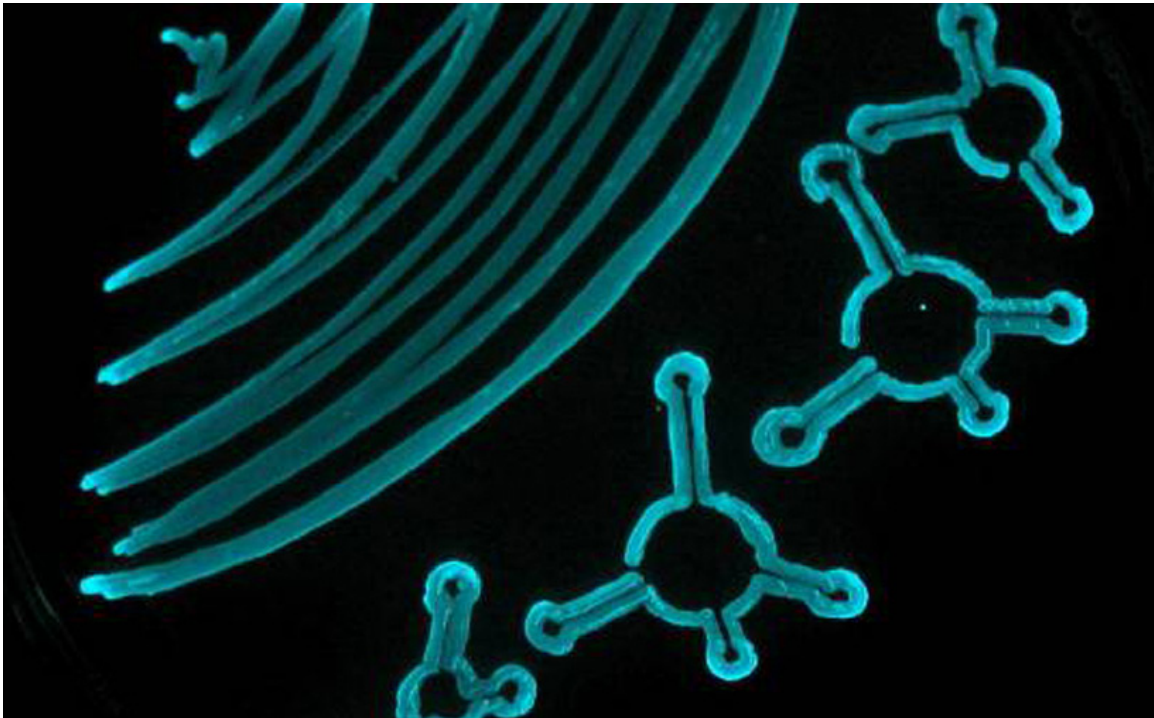
Westbrook Lecture 2010

SATURDAY, MARCH 27, 12-4 PM

LECTURE AT 1 PM

Dr. Bonnie Bassler,
Squibb Professor of Molecular Biology at
Princeton University

*“I Am One of You:
The Secret Language of Bacteria”*



Small RNA Chaperone Hfq and Multiple Small RNAs Control Quorum Sensing in *Vibrio harveyi* and *Vibrio cholerae*.

Until recently, it was not believed that bacteria could communicate with one another. Microbiologist, Dr. Bonnie Bassler, made the ground-breaking discovery that cell-to-cell communication, known as quorum sensing, is ubiquitous in the bacterial world.

Her latest studies suggest that interfering with bacterial communication could prevent them from mounting a deadly assault on their host organism, a discovery that may provide an alternative to traditional antibiotics in fighting disease, especially one that are prone to drug resistance.

On March 27th, Dr. Bassler will discuss her groundbreaking research, revealing that bacteria are much more sophisticated than anyone ever realized

*for more information, please call 215-763-6529,
or visit www.wagnerfreeinstitute.org*

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