



Dr. Karin Sauer

Microbiologist

Karin Sauer obtained her undergraduate degree in biology and her Diplome in Microbiology from the Philipps University in Marburg, Germany. She received her PhD in Microbiology from the Max-Planck Institute for Terrestrial Microbiology in 1999, under the guidance of Professor R.K. Thauer, and was awarded the Otto Hahn Medal and the VAAM dissertation award in 2000 for her research focusing on methanol activation and methyl group transfer by the methyltransferase isolated from *Methanosarcina barkeri*. Her postdoctoral work with Anne Camper at the Center for Biofilm Engineering at Montana State University in Bozeman, and her subsequent research at Binghamton University, led to the discovery that surface attachment by *Pseudomonas sp.* not only coincides with significant changes at the transcript and protein levels and but that subsequent formation of biofilms occurs in a progressive and stage-specific manner with each stage displaying a distinct phenotype. Sauer joined the faculty in the Department of Biological Sciences at Binghamton University in 2002. She is now a professor there and the co-director of the newly established Binghamton Biofilm Research Center (BBRC).

Dr. Sauer's website <https://www.binghamton.edu/centers/bbrc/karinsauer.html>

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