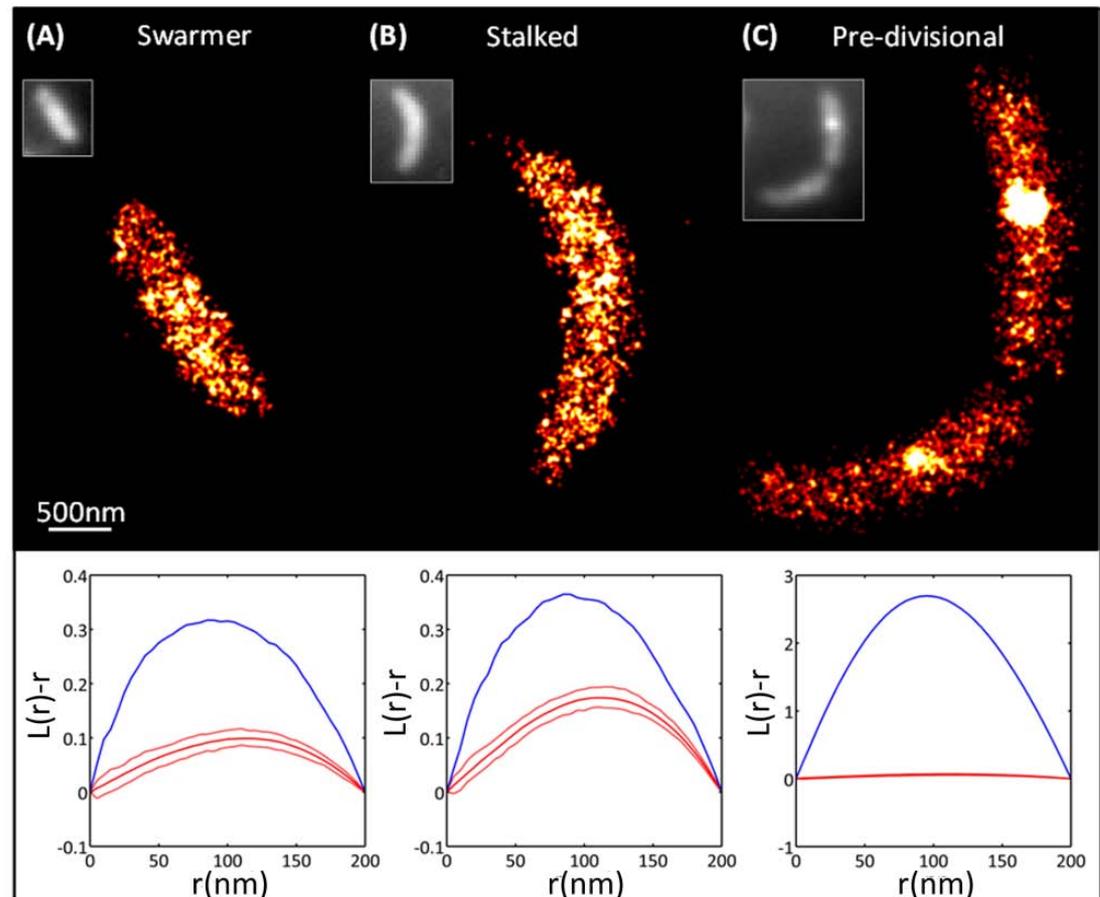


# Super-Resolution Imaging of the Nucleoid-Associated Protein HU in *Caulobacter crescentus*

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Super-resolution imaging combined with spatial point statistics allowed for the visualization and quantification of cell-cycle dependent clustering of the important nucleoid-associated protein HU in *Caulobacter crescentus* on length scales far below the diffraction limit of light.

Slight clustering was observed in swarmer (A) and stalked (B) stages of the cell cycle, while dramatic clustering was observed in pre-divisional cells (C). These results strongly imply changes in chromosomal organization throughout the cell cycle.



Red : spatially random simulations; Blue: data

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