

The biology and future prospects of antivirulence therapies

Lynette Cegelski, Garland R. Marshall, Gary R. Eldridge & Scott J. Hultgren

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In the above article, a mistake was introduced in figure 4. The correct figure is shown below. We wish to apologize to the authors, and to readers, for any confusion caused.

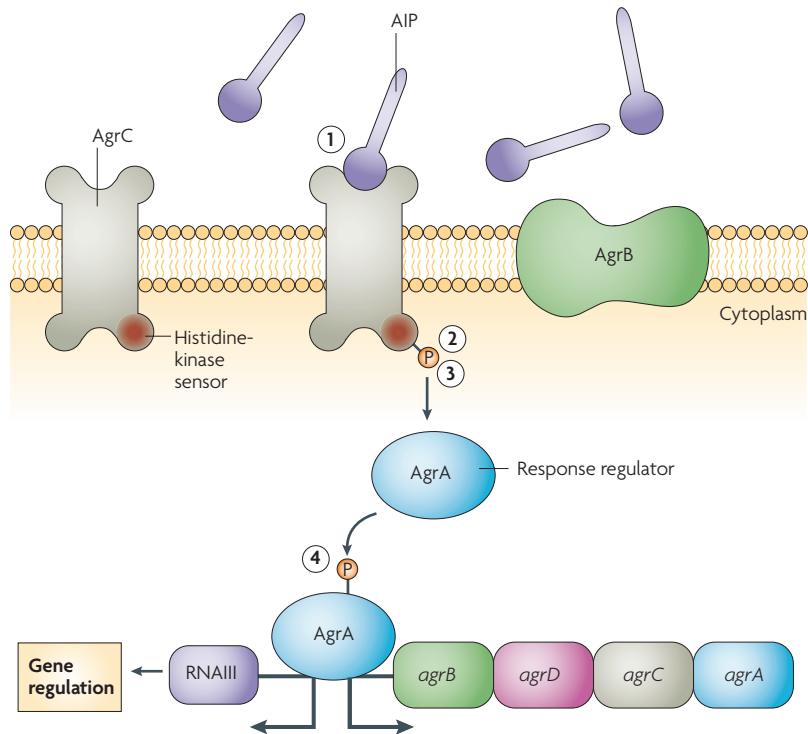


Figure 4 | Pairing quorum sensing and two-component signalling in the staphylococcal *agr* system. *Staphylococcus aureus* uses a two-component response system (TCRS) to mediate quorum sensing (QS). The regulation of QS involves the production of an autoinducer and an increase in its concentration, expression of RNAIII and the subsequent regulation of QS genes. *S. aureus* produces an autoinducing peptide (AIP) that accumulates extracellularly and activates the TCRS. The TCRS involves signal recognition by a histidine kinase (AgrC) (1), followed by histidine phosphorylation (2) and phosphotransfer to a response regulator (AgrA) (3), which then binds to the RNAIII transcript that encodes a small RNA that functions to modulate gene expression of *S. aureus* genes (4).