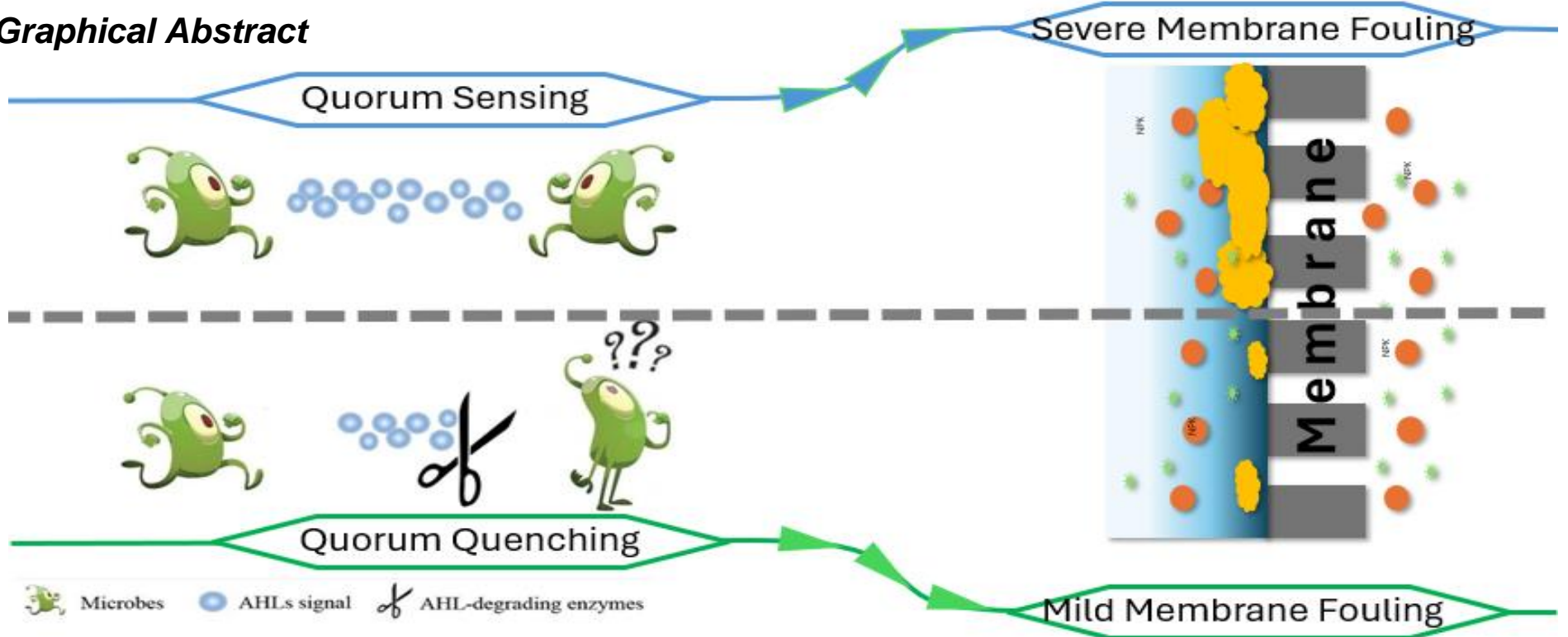


NEWRI INNOVATION

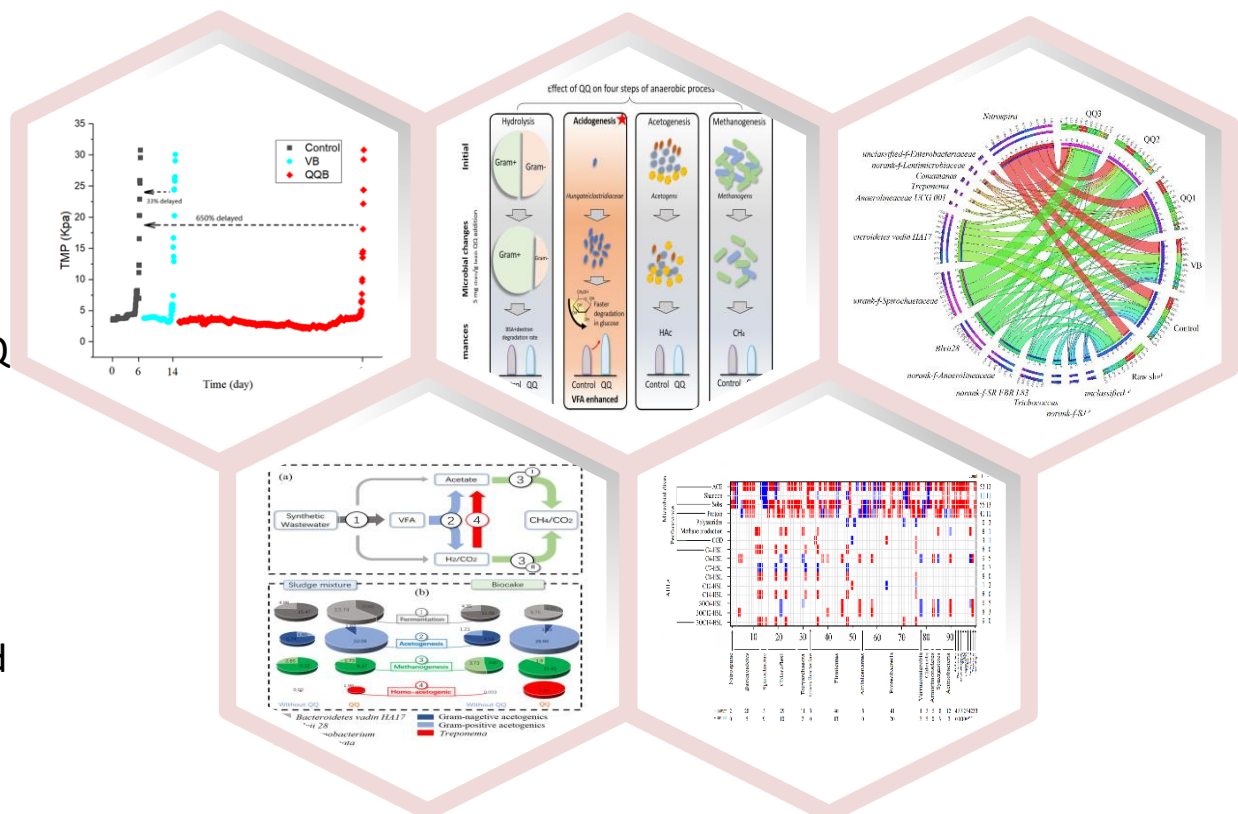
QUORUM QUENCHING: AN EFFECTIVE STRATEGY FOR MBR MEMBRANE FOULING CONTROL

Graphical Abstract



Results and Conclusions

- Successfully isolated the facultative QQ bacterium - *Microbacterium. sp* and applied it to the membrane fouling control of anaerobic MBR
- Alginate-Powder activated carbon-QQ beads (APQ) was developed for MBR membrane fouling control with industrial wastewater treatment
- QQ strain shift anaerobic microbial structure and promote methane yield



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