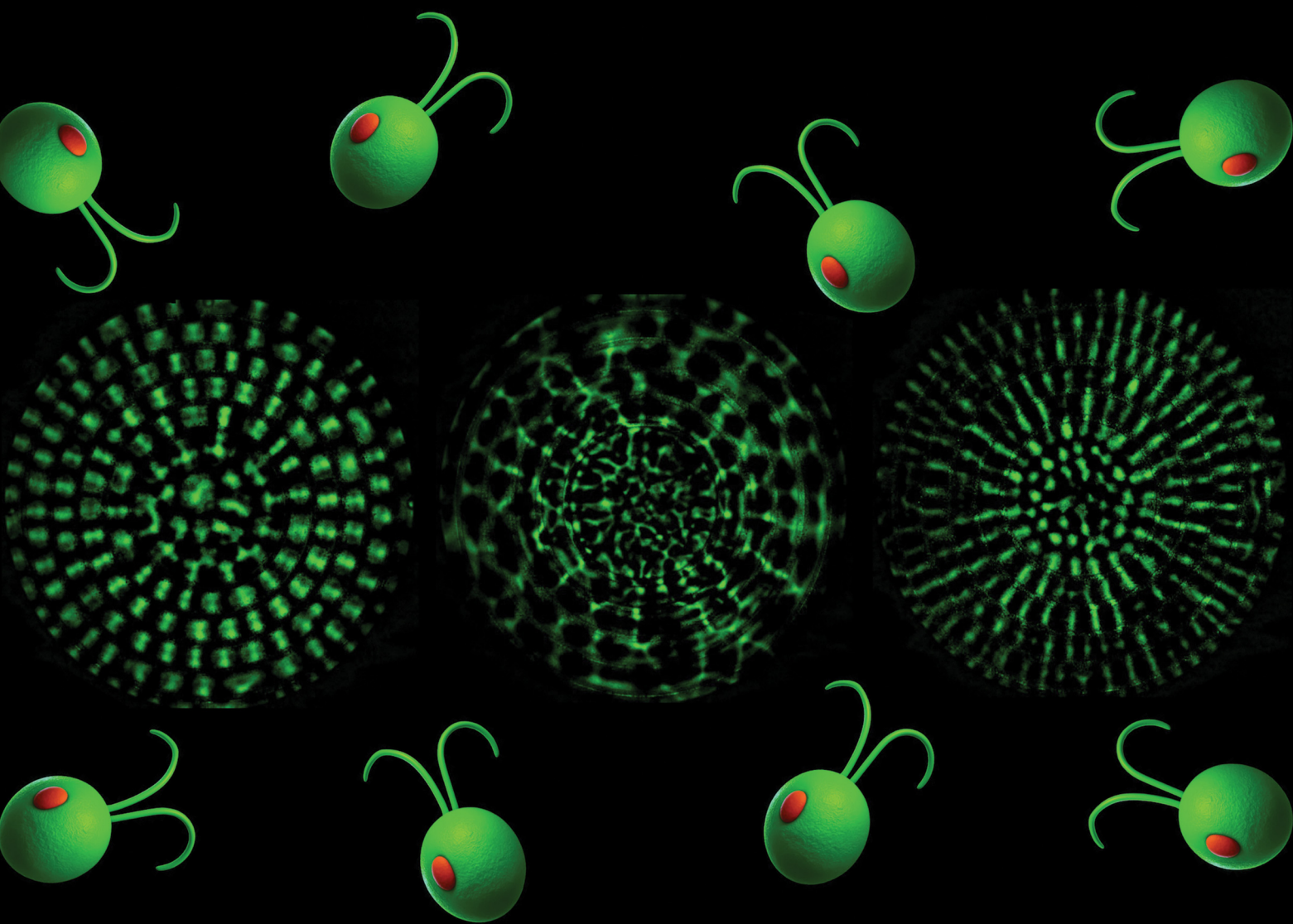


# Soft Matter

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**PAPER**

Azam Gholami *et al.*  
Oxygen deficiency drives drastic pattern transition in algal  
bioconvection