

# Elements

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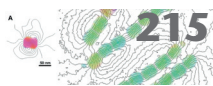
## Biomagnetism

Guest Editors: James Byrne and Matthieu Amor



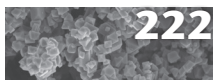
### Biomagnetism: Insights Into Magnetic Minerals Produced by Microorganisms

James M. Byrne and Matthieu Amor



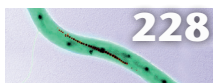
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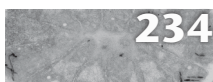
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### Magnetic Guidance in Multicellular Prokaryotes and Eukaryotes

Pedro Leão and Christopher T. Lefèvre

**BACKGROUND:** transmission electron micrograph of a magnetotactic bacterium aligning with the geomagnetic field thanks to chains of ferrimagnetic nanoparticles made of magnetite. PHOTO: MATTHIEU AMOR. **BACKGROUND:** scanning electron microscopy image of iron-reducing bacteria *Geobacter sulfurreducens* with clusters of magnetite nanoparticles. PHOTO: EYE OF SCIENCE.

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