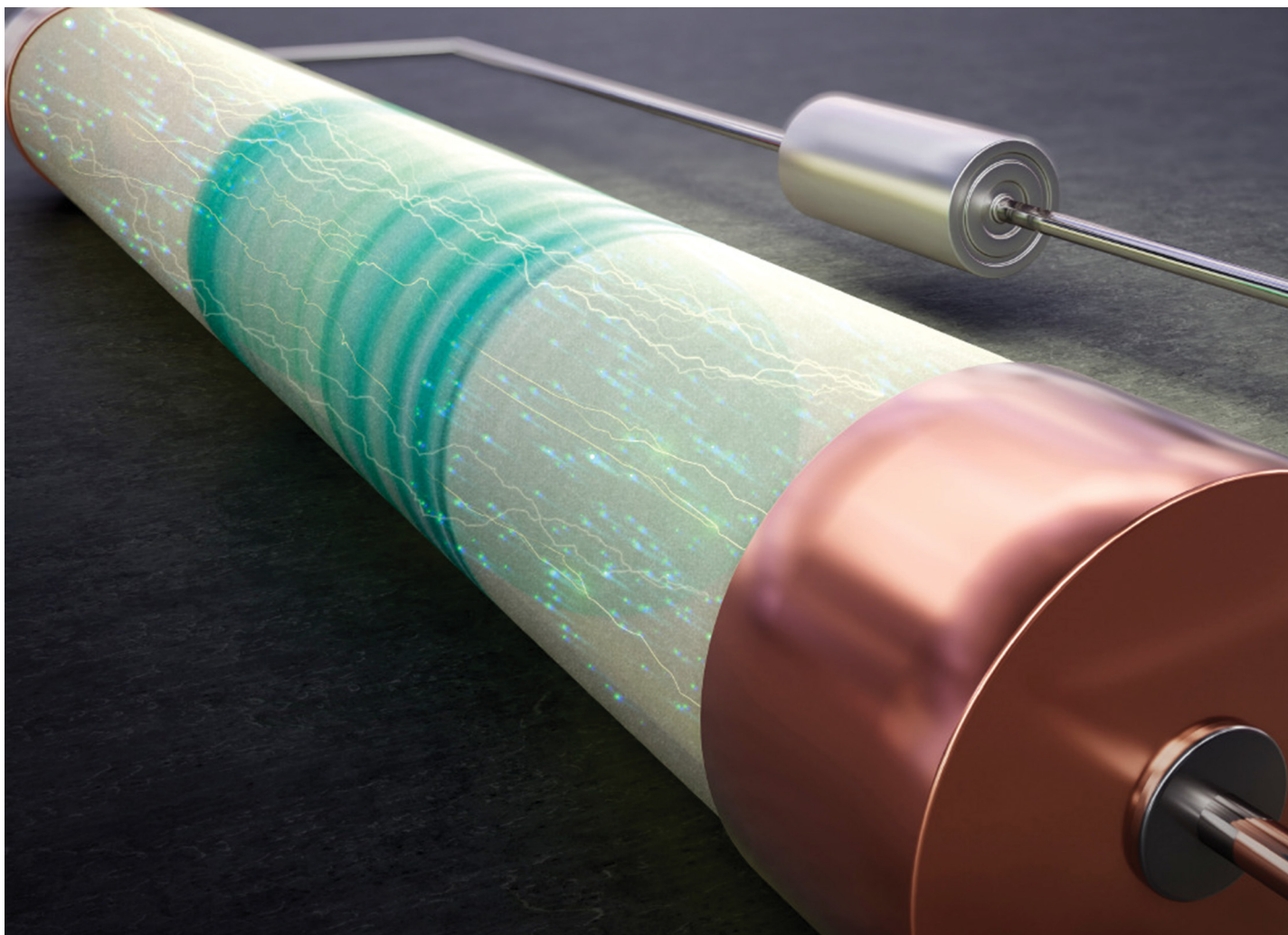


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Periodic precipitation banding of metal hydroxides in agarose gels *via* cyclic-voltage-driven reaction-transport-reaction process

Cyclic switching voltages generate Liesegang-band-like structures of metal hydroxide precipitates in agarose gel columns *via* a reaction-transport-reaction process. Simulations based on extended Nernst-Planck equations suggest the important roles of the Grotthuss mechanism in the periodic banding.

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