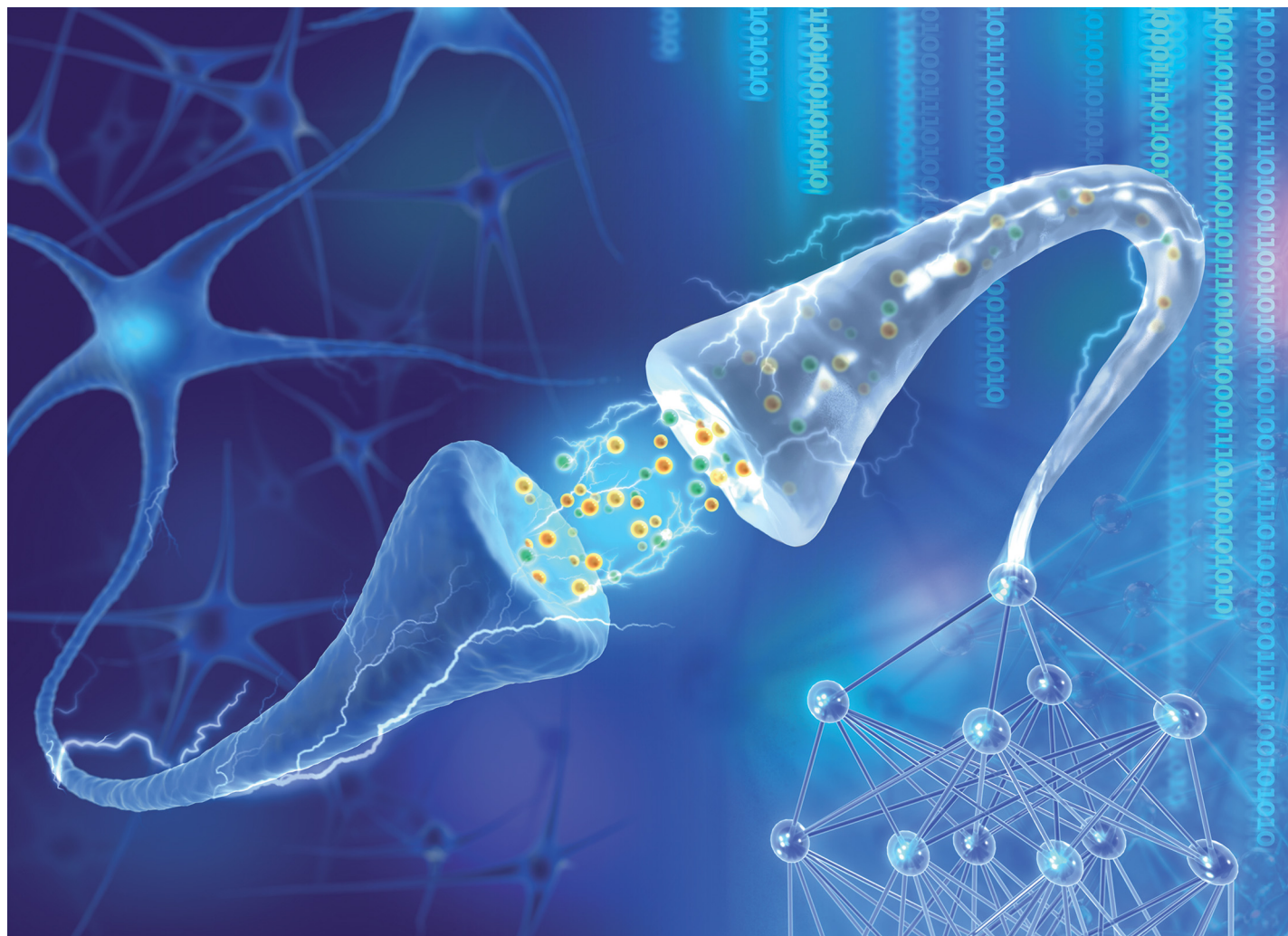




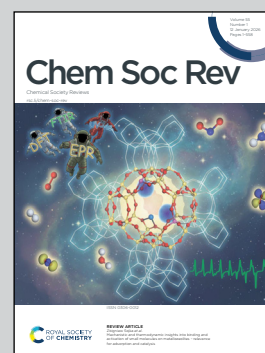
Showcasing research from Professor Kai Xiao's laboratory,  
Department of Biomedical Engineering, Southern University  
of Science and Technology, Shenzhen, China.

Neuromorphic iontronic devices based on soft ionic  
conductors

This review systematically summarizes neuromorphic  
iontronic devices based on soft ionic conductors,  
highlighting device mechanisms, design principles, and  
structure–function relationships, and discusses future  
opportunities and challenges, with particular emphasis on  
brain-like computing and human–machine interaction.

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