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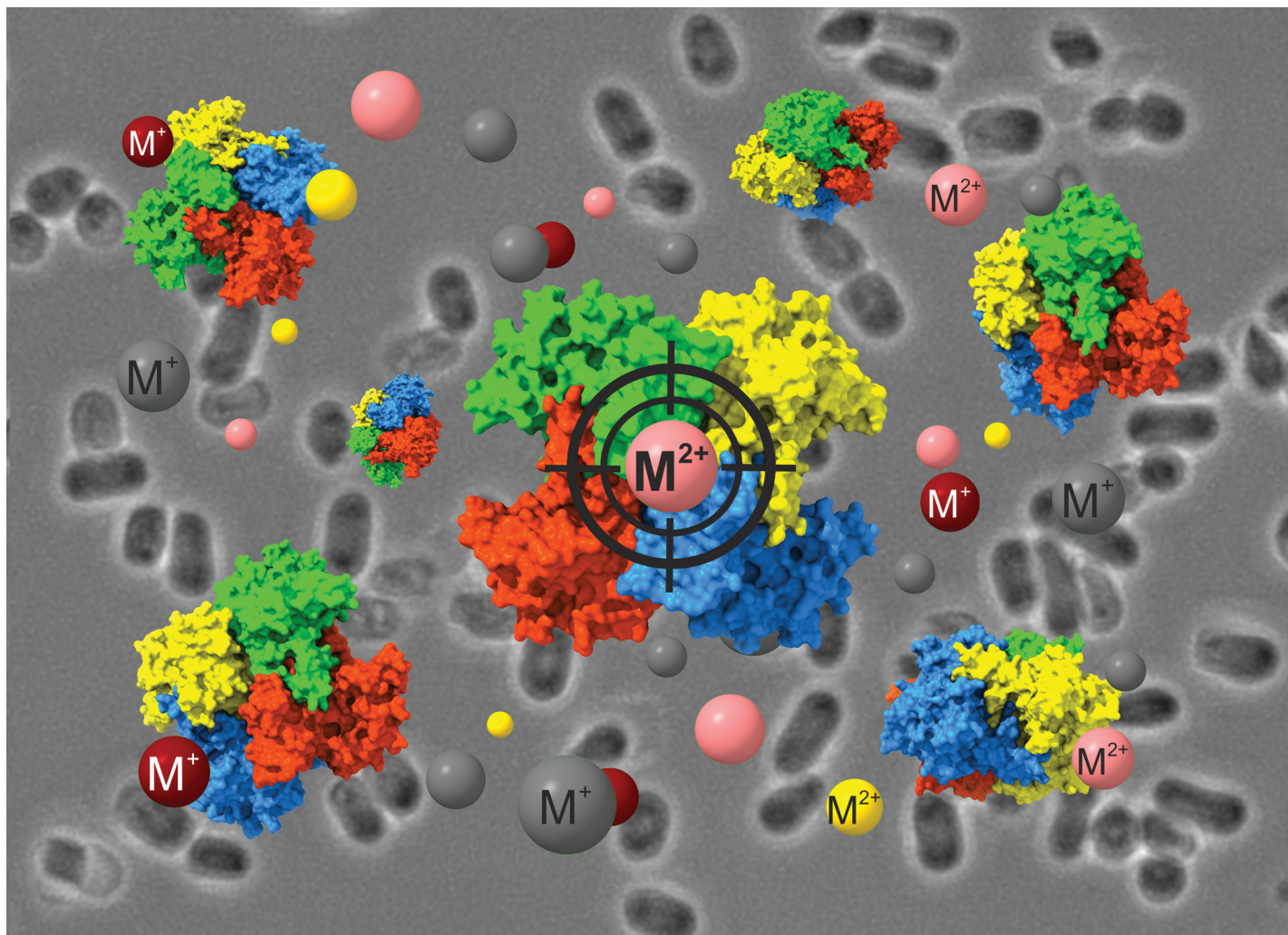
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Showcasing research from Professor Krzysztof Brzezinski's laboratory, Institute of Bioorganic Chemistry, Polish Academy of Sciences, Poznan, Poland.

A closer look at molecular mechanisms underlying inhibition of *S*-adenosyl-*L*-homocysteine hydrolase by transition metal cations

The study focuses on inhibition strategies for *S*-adenosyl-*L*-homocysteine hydrolase from pathogenic bacteria. We demonstrated that transition metal cations disturb the enzyme's function with various mechanisms. Understanding distinct mechanisms of PaSAHase inhibition is essential for developing novel antibacterial therapies.

As featured in:



See Marta Eliza Plonska-Brzezinska, Krzysztof Brzezinski *et al.*, *Chem. Commun.*, 2024, **60**, 11504.