



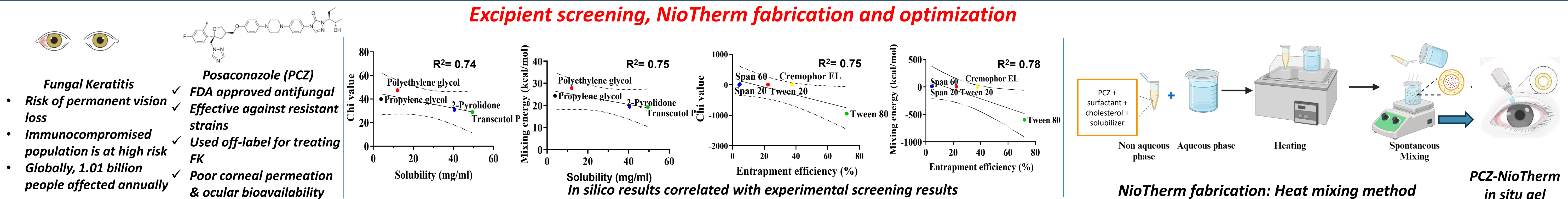
Cationic Mucoadhesive Posaconazole NioTherms: A potential Approach for Management of Fungal Keratitis

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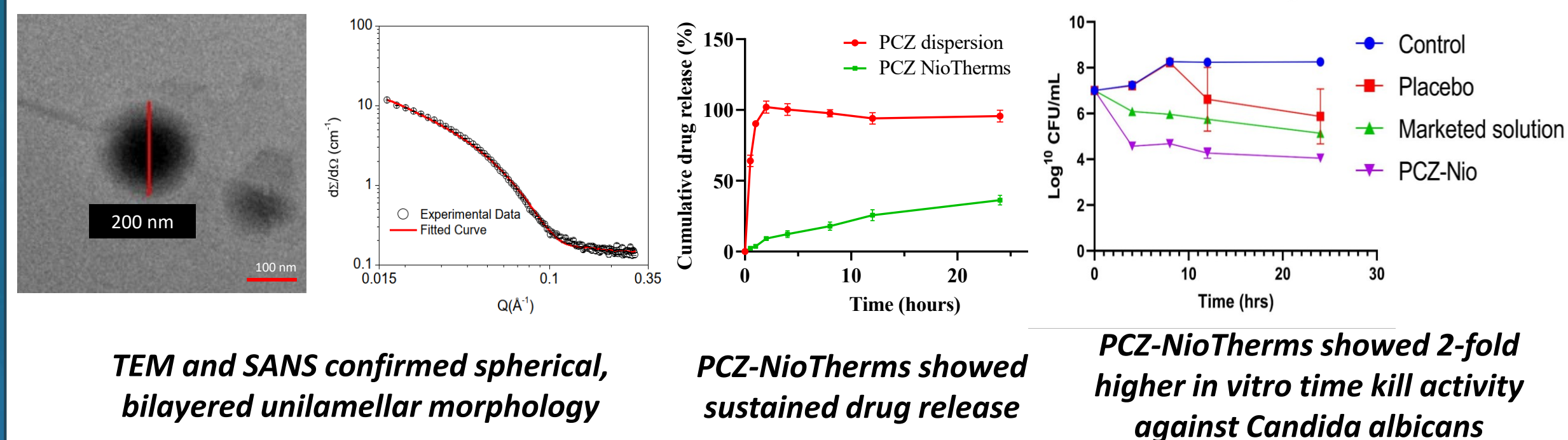
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Poster
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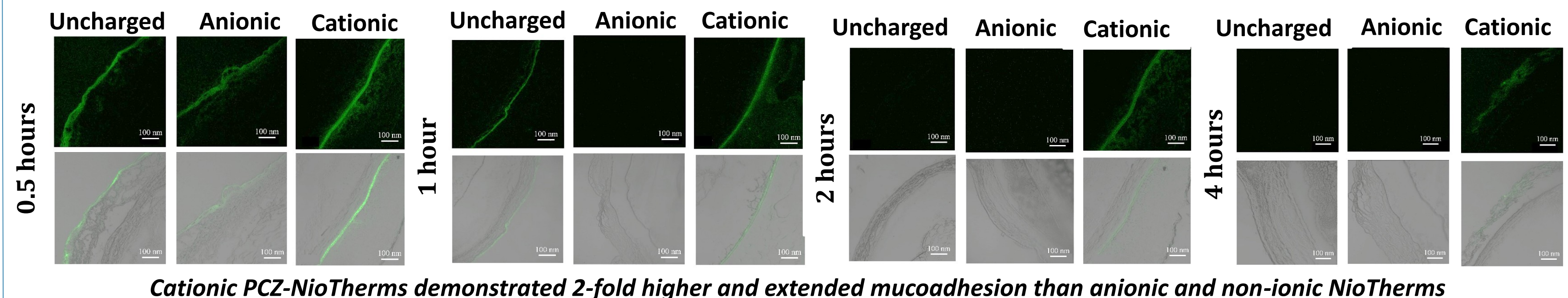
Excipient screening, NioTherm fabrication and optimization



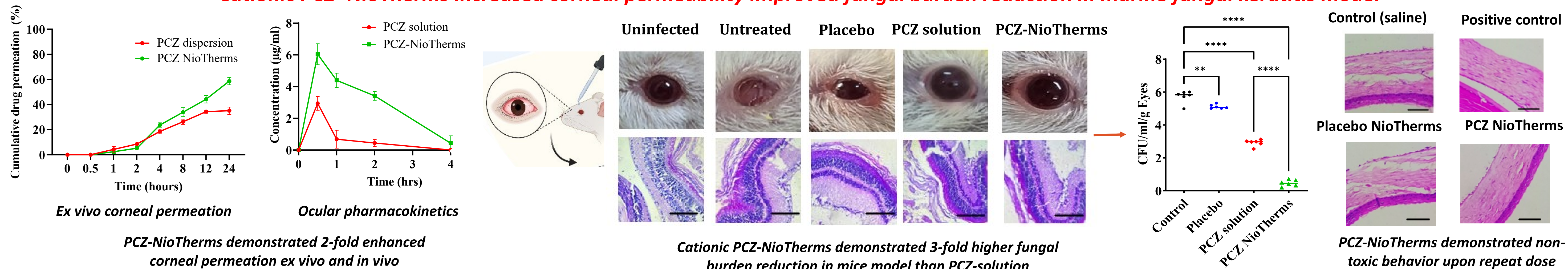
Characterization of PCZ-NioTherms



Cationic NioTherms enhance corneal retention by binding to ocular mucins



Cationic PCZ- NioTherms increased corneal permeability improved fungal burden reduction in murine fungal keratitis model



Conclusion: Our work presents a simple, safe, non-toxic, scalable and clinically promising strategy for treatment of fungal eye infections