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# Molecular Biology and Translational Science

ADVANCES IN AGGREGATION INDUCED  
EMISSION MATERIALS IN BIOSENSING AND  
IMAGING FOR BIOMEDICAL APPLICATIONS  
PART A



Edited by  
RAJESH BHOSALE AND VIKI MENON



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
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### Abstract

This book chapter presents insightful growth and progress in the field of sensing especially, temperature, pH, and viscosity sensing. We focus more on aggregation-induced emission (AIE)-active materials for measuring intracellular pH, viscosity, and temperature by means of fluorescence and absorption study. A special emphasis is given on AIE active fluorescent molecules, molecular rotors, polymeric nanomaterials which are considered as the important aspects of sense. It also gives the fundamental and brief understanding between these different AIE active material and its application in biological systems.