

# The Teaching Strategy of Isomerism of the Same Topic for the New Subject “Biology Interdisciplinary Case Analysis” in Shanghai Senior High School Entrance Examination

上海中考新科目“生物学跨学科案例分析”的同题异构教学策略

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**Abstract:** In this paper, we propose a teaching strategy based on a homogeneous approach to the new interdisciplinary case study problem in biology set in Shanghai senior high school entrance exam. By guiding students to design different experiments and conduct independent investigations on ill-structured problems, we help students to effectively identify useful information in problem situations and make associations with known knowledge, and develop their core literacy in scientific inquiry while improving their problem-solving skills.