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Basic Study

Zinc Oxide nanoparticles reduce chemoresistance of gastric cancer by inhibiting autophagy

ZnO-NP reduces chemoresistance of GC

You-Han Miao, Li-Ping Mao, Xiao-Juan Cai, Xiao-Ying Mo, Qi-Qi Zhu, Fei-Tong Yang, Mei-Hua Wang

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Abstract

Introduction

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Biomedical Applicati



Zinc oxide nanoparticles (ZnO NPs) are used in an increasing number of industrial products such as rubber, paint, coating, and cosmetics. In the past two decades, ZnO NPs have become one of the most popular metal oxide nanoparticles in biological applications due to their excellent biocompatibility, economic, and low toxicity. ZnO NPs have emerged a promising potential in biomedicine, especially in the fields of anticancer and antibacterial fields, which are involved with their potent ability to trigger exce...

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