

Current Drug Metabolism



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on Drug Metabolism*



**BENTHAM
SCIENCE**

Current Drug Metabolism

Volume 13, Number 1, January 2012

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This is to acknowledge that the slide shown on the front cover of this journal was kindly supplied by Dr. Xiangyang Shi, State Key Laboratory for Modification of Chemical Fibers and Polymer Materials, Donghua University, Shanghai 201620, People's Republic of China. The figure shows Dendrimers have been used as versatile platforms to form covalent dendrimer-drug conjugates or physical dendrimer-drug complexes, as well as dendrimer-entrapped, dendrimer-stabilized, or dendrimer-assembled nanoparticles for cancer therapeutics and diagnosis applications.

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This is to acknowledge that the slide shown on the front cover of this journal was kindly supplied by Dr. Luis G. Guijarro, Departamento de Bioquímica y Biología Molecular, Universidad de Alcalá. 28871, Alcalá de Henares, Spain. The figure shows HepG2 cells were treated with AZA (100µM) or DMSO during 42h. Then, cells were incubated during 17min with acridine orange (1µM) and visualized (A) by fluorescence microscopy. The green channel shows the staining of DNA and RNA. The red channel shows lysosomes and organelles with acid pH. (B) Quantification of the ratio of fluorescence (red/green). (C) The HepG2 cells were treated with DMSO or AZA (25µM) during 12h and then visualized using electron microscopy. Dashed arrow indicates phagocytosed organelles. [DMSO: dimethylsulfoxide; AZA: azathioprine].

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