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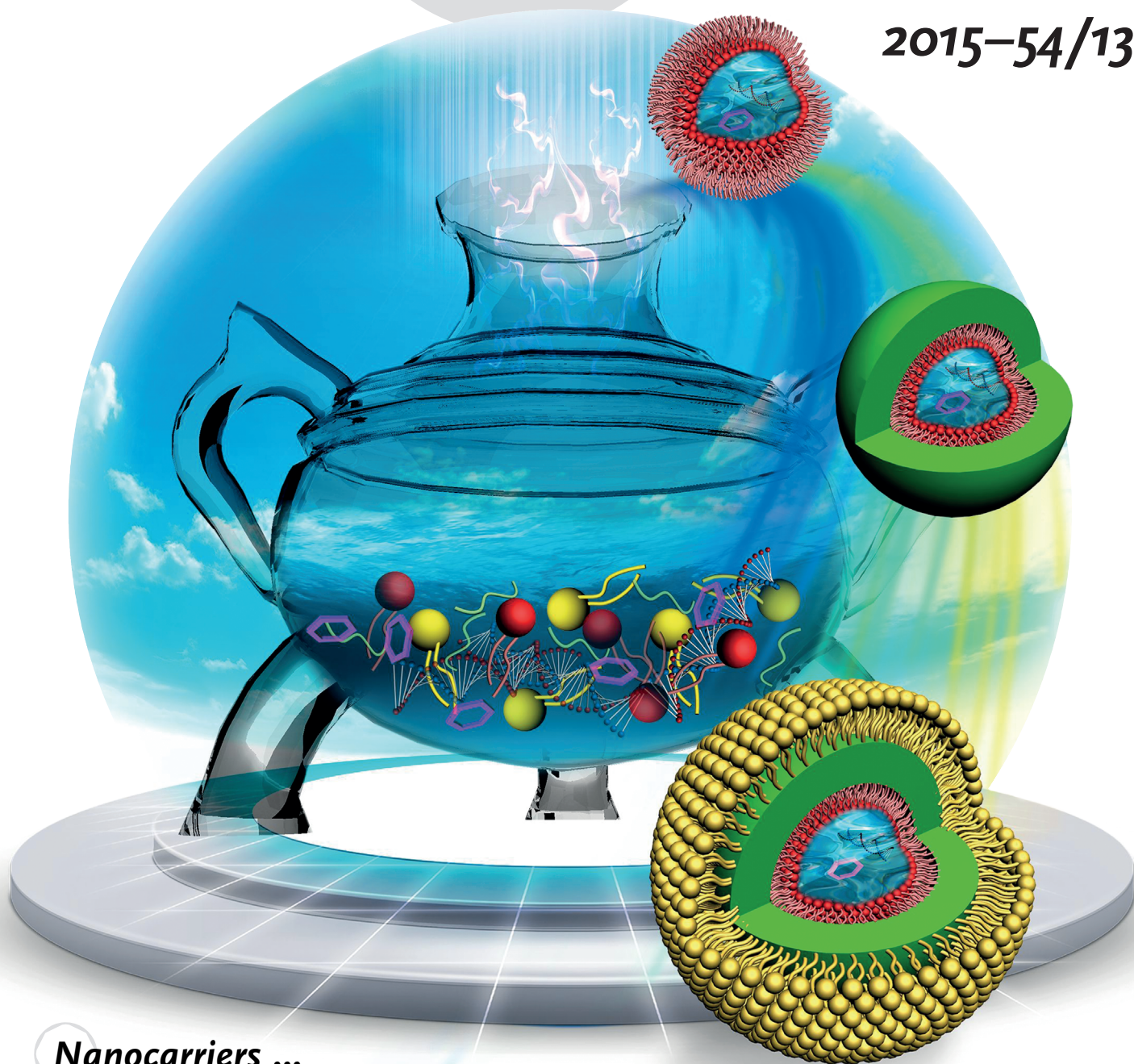
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Nanocarriers ...

... for the delivery of hydrophilic reagents are important in drug therapy and disease diagnosis. In their Communication on page 3952 ff., J. Sun, X. Jiang, and co-workers report a three-stage microfluidic chip that can assemble water core/PLGA shell/lipid layer rigid nanovesicles (RNV) in one step for hydrophilic-reagent delivery (PLGA = poly(lactic-co-glycolic acid)). For a multi-drug-resistant tumor model, co-delivery of siMDR1 and doxorubicin using RNVs has an enhanced antitumor effect in both in vitro and in vivo experiments.

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