

An article by Dr. Guangyu Zhu together with his PhD students Zhigang Wang and Zoufeng Xu, recently published in a leading international chemistry journal, is designated as a “Very Important Paper (VIP)” by evaluators.

The article “A platinum(IV) anticancer prodrug targeting nucleotide excision repair to overcome cisplatin resistance” was published in the Oct. 13, 2016 online issue of *Angewandte Chemie International Edition*, a journal of the German Chemical Society. The ‘VIP’ designation means that the paper is among the top 5% of articles selected by the journal’s referees. The article is also selected by the editors to be highlighted on the back cover.

DNA damage repair plays key roles not only in maintaining genome integrity but also in reducing the antitumor efficacy of DNA-damaging antineoplastics. In their Communication, Dr. Zhu’s group reports a Pt(IV) anticancer prodrug targeting nucleotide excision repair (NER) to overcome cisplatin resistance. This dual-action prodrug containing both cisplatin and NER inhibitor moieties enters cells efficiently, causes DNA damage, and simultaneously inhibits NER, resulting in significantly elevated cytotoxicity in cisplatin-resistant human cancer cells.

For more information, please see:

<http://onlinelibrary.wiley.com/doi/10.1002/anie.201608936/full>

<http://onlinelibrary.wiley.com/doi/10.1002/anie.201610431/full>