

The CSI Chemistry Department Presents

Professor Su Jing

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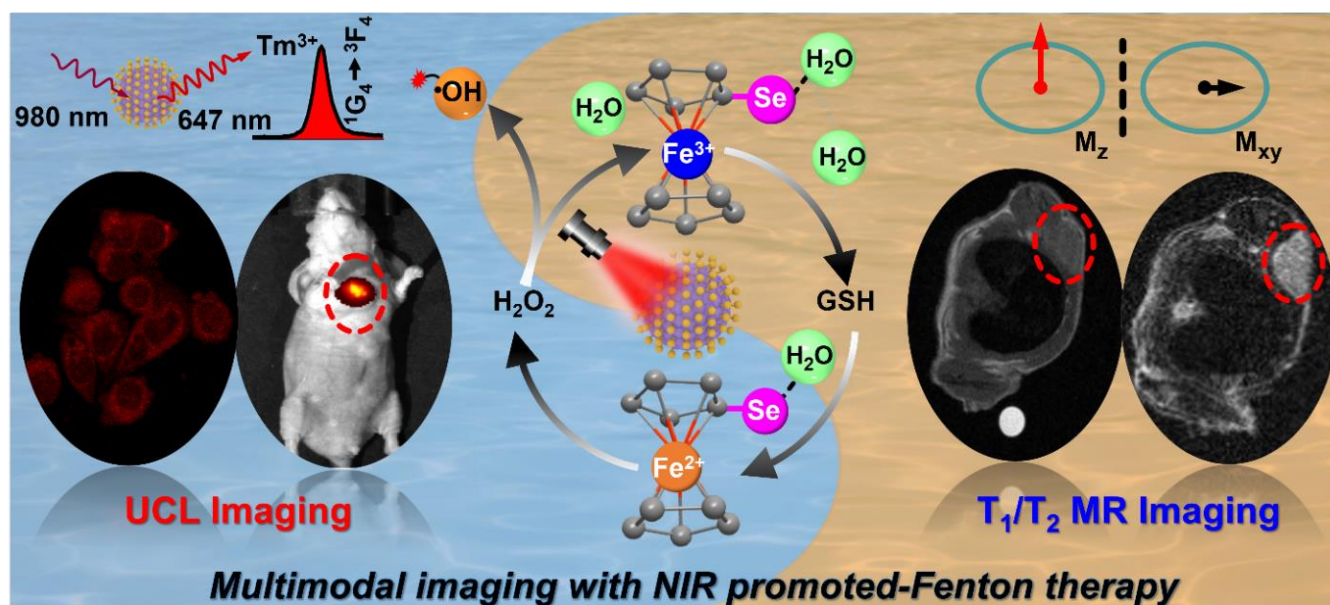
Ferrocene: Applications in Biosensing and Theranostics

Date: 2/8/2024

Time: 2:30 PM

Room: 6S-232

Owing to the advantages of kinetic stability, easily modification and good redox properties, bioferrocene species have been found to be promising anticancer candidates. Our continued interest in the study of ferrocenyl compounds led us to investigate their potential biomedical property. In this talk, I will focus on various aspects of ferrocene derived systems in biosensing and tumor theranostics, including ferrocene based probes, antitumoral ferrocenes, ferrocene-functionalized nanoplateforms for imaging guided therapy. It could be interesting to the researchers working in the field of organometallics, nanomaterials, and life sciences.



Biography: Su Jing was born in Su Zhou, China in 1970. She got her Master's Degree in Coordination Chemistry from Nanjing University (Nanjing, China) in 1995, and the PhD degree in Inorganic Chemistry from Swansea University (Swansea, UK) in 2006, thesis topic was "Synthesis, Complexation and Electrochemistry of Novel Ferrocenyl Chalcogenide Ligands ". The current research interests of Prof. Jing include anticancer research, biosensing, medical materials, and photocatalysis. Prof. Jing is a senior member of the Chinese Chemical Society.

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