

## 251st IBB Seminar

# Cytotoxic Peptide Conjugates for Targeted Therapy

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会場 : 東京医科歯科大学 生体材料工学研究所

第二会議室 22 号館 (1 階)

Abstract: Cryptophycins are a class of 16-membered highly cytotoxic macrocyclic depsipeptides isolated from cyanobacteria. The biological activity is based on their ability to interact with tubulin. Cryptophycins are highly promising drug candidates, as their biological activity is not negatively affected by P-glycoprotein, a drug efflux system commonly found in multidrug-resistant cancer cell lines and solid tumors. Cryptophycin conjugates with peptides and antibodies have been developed for targeted delivery in tumor therapy.

お問い合わせ : 生体材料工学研究所

メディシナルケミストリー分野

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