



Journal of Controlled Release Vol. 230, 2016

Contents

COVER STORY

Sustained delivery of antibodies *in vivo* by local retention

Kinam Park

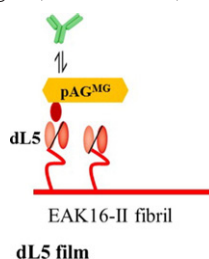
p 116

RESEARCH PAPERS

Local retention of antibodies *in vivo* with an injectable film embedded with a fluorogen-activating protein

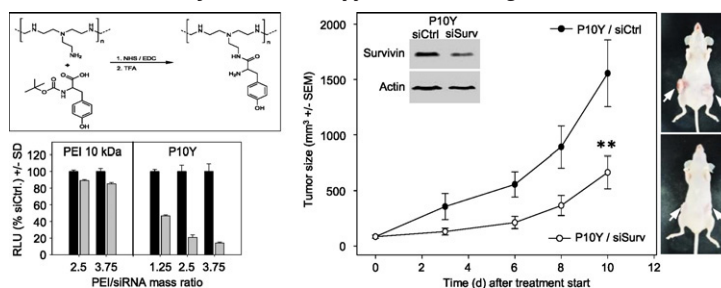
Wen Liu, Matthew J. Saunders, Christina Bagia, Eric C. Freeman, Yong Fan, Ellen S. Gawalt, Alan S. Waggoner, Wilson S. Meng *

pp 1–12

A novel tyrosine-modified low molecular weight polyethylenimine (P10Y) for efficient siRNA delivery *in vitro* and *in vivo*

Alexander Ewe, Susanne Przybylski, Jana Burkhardt, Andreas Janke, Dietmar Appelhans, Achim Aigner *

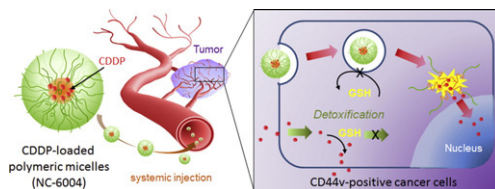
pp 13–25



Eradication of CD44-variant positive population in head and neck tumors through controlled intracellular navigation of cisplatin-loaded nanomedicines

pp 26–33

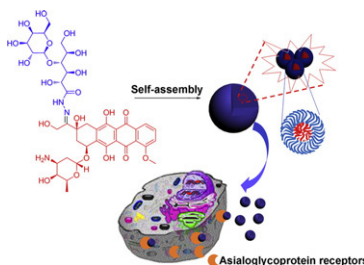
Ming Wang, Yutaka Miura, Kenji Tsuchihashi, Kazuki Miyano, Osamu Nagano, Momoko Yoshikawa, Ami Tanabe, Jun Makino, Yuki Mochida, Nobuhiro Nishiyama, Hideyuki Saya, Horacio Cabral*, Kazunori Kataoka**



A small molecule nanodrug consisting of amphiphilic targeting ligand–chemotherapy drug conjugate for targeted cancer therapy

pp 34–44

Quanbing Mou, Yuan Ma, Xinyuan Zhu*, Deyue Yan*

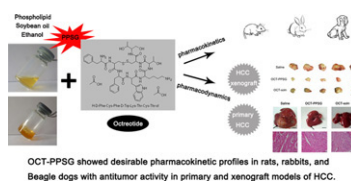


Pharmacokinetic and pharmacodynamic study of a phospholipid-based phase separation gel for once a month administration of octreotide

pp 45–56

Mengxin Wang, Fengying Shan, Yang Zou, Xun Sun, Zhi-Rong Zhang, Yao Fu*, Tao Gong*

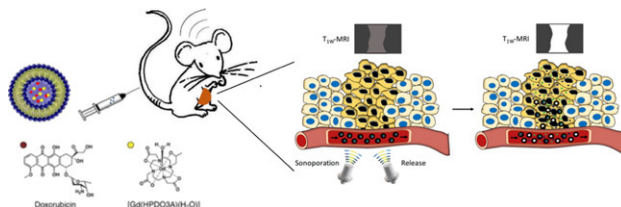
OCT-PPSG showed desirable pharmacokinetic profiles in rats, rabbits and Beagle dogs with antitumor activity in primary and xenograft models of HCC.



The release of Doxorubicin from liposomes monitored by MRI and triggered by a combination of US stimuli led to a complete tumor regression in a breast cancer mouse model

pp 57–63

S. Rizzitelli, P. Giustetto, D. Faletto, D. Delli Castelli, S. Aime, E. Terreno*



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