



## Journal of Controlled Release Vol. 246, 2017

## Contents

## COVER STORY

## Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond

pp 183–184

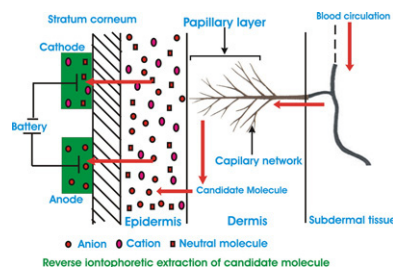
Samir Mitragotri, Twan Lammers, You Han Bae, Steven Schwendeman, Stefaan De Smedt, Jean-Christophe Leroux, Dan Peer, Ick Chan Kwon, Hideyoshi Harashima, Akihiko Kikuchi, Yu-Kyoung Oh, Vladimir Torchilin, Wim Hennink, Justin Hanes, and Kinam Park

## REVIEW

## Transdermal reverse iontophoresis: A novel technique for therapeutic drug monitoring

pp 30–38

Tapan Kumar Giri, Subhasis Chakrabarty, Bijaya Ghosh \*

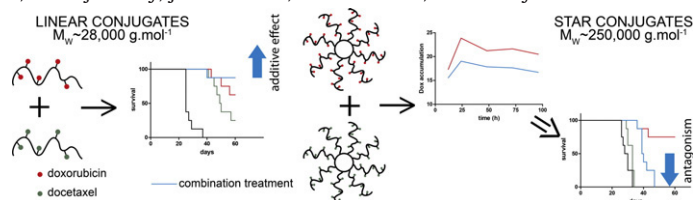


## RESEARCH PAPERS

## The structure of polymer carriers controls the efficacy of the experimental combination treatment of tumors with HPMA copolymer conjugates carrying doxorubicin and docetaxel

pp 1–11

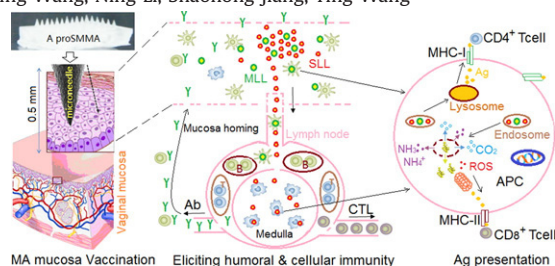
Milada Šírová \*, Jiří Strohalm, Petr Chytil, Ondřej Lidický, Jakub Tomala, Blanka Říhová, Tomáš Etrych



## Combining different types of multifunctional liposomes loaded with ammonium bicarbonate to fabricate microneedle arrays as a vaginal mucosal vaccine adjuvant-dual delivery system (VADDs)

pp 12–29

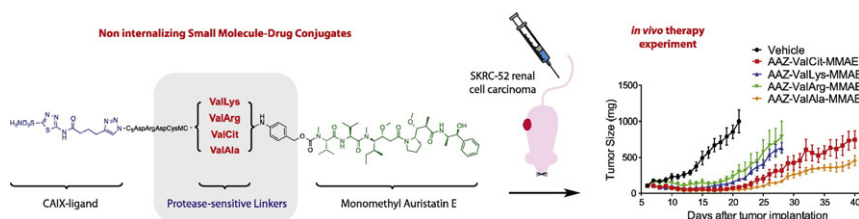
Ning Wang, Yuanyuan Zhen, Yiguang Jin, Xueting Wang, Ning Li, Shaohong Jiang, Ting Wang \*



## Linker stability influences the anti-tumor activity of acetazolamide-drug conjugates for the therapy of renal cell carcinoma

pp 39–45

Alberto Dal Corso, Dario Neri \*



## CD73 specific siRNA loaded chitosan lactate nanoparticles potentiate the antitumor effect of a dendritic cell vaccine in 4T1 breast cancer bearing mice

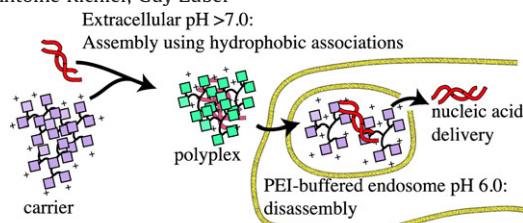
pp 46–59

Farhad Jadidi-Niaragh, Fatemeh Atyabi, Ali Rastegari, Nasim Kheshtchin, Samaneh Arab, Hadi Hassannia, Maryam Ajami, Zahra Mirsanei, Sima Habibi, Farimah Masoumi, Farshid Noorbakhsh, Fazel Shokri, Jamshid Hadjati \*

## Self-aggregating 1.8 kDa polyethylenimines with dissolution switch at endosomal acidic pH are delivery carriers for plasmid DNA, mRNA, siRNA and exon-skipping oligonucleotides

pp 60–70

Manuela Chipper, Nassera Tounsi, Ryszard Kole, Antoine Kichler, Guy Zuber \*



Download English Version:

<https://daneshyari.com/en/article/5434026>

Download Persian Version:

<https://daneshyari.com/article/5434026>

[Daneshyari.com](https://daneshyari.com)