Vol. 291

JOURNAL OF CONTROLLED RELEASE

10 DECEMBER 2018

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Cited in: BIOSIS/Biological Abstracts; CAB Abstracts; Chemical Abstracts Services; Current Contents (Life Sciences); EMBASE/Excerpta Medica; International Pharmaceutical Abstracts; PUBMED/MEDLINE/Index Medicus; Polymer Contents; Science Citation Index. Also covered in the abstract and citation database Scopus. Full text available in ScienceDirect.

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Drug transport-based therapeutic resistance in breast cancer liver metastases

Kinam Park

Purdue University Biomedical Engineering and Pharmaceutics West Lafayette, IN 47907, USA

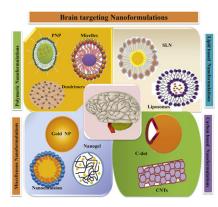
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Department of Pharmaceutics, College of Pharmacy, Shandong University, Jinan 250012, China



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Alexander Wilkinson^a, Eric Lattmann^a, Carla B. Roces^b, Gabriel K. Pedersen^c, Dennis Christensen^c, Yvonne Perrie^b

- ^aSchool of Life and Health Sciences, Aston University,
- ^bStrathclyde Institute of Pharmacy and Biomedical Sciences, University of Strathclyde,
- 161 Cathedral St, Glasgow G4 ORE, UK
- ^cDepartment of Infectious Disease Immunology, Statens Serum Institute, Copenhagen, Denmark

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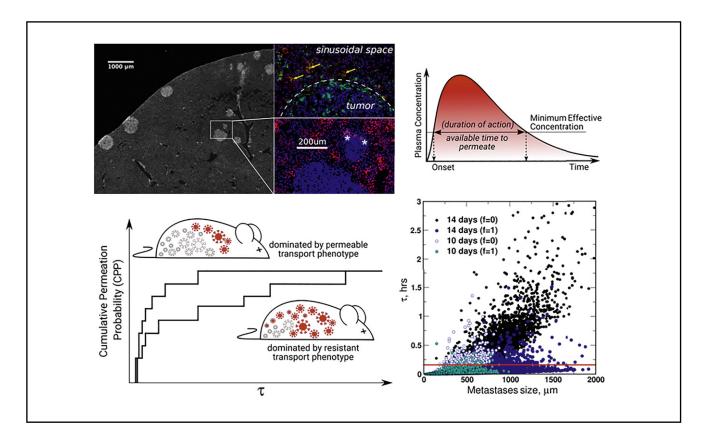
VOLUME 291, 10 DECEMBER 2018



journal of controlled release

ISSN: 0168-3659

OFFICIAL JOURNAL OF THE CONTROLLED RELEASE SOCIETY AND THE JAPANESE SOCIETY OF DRUG DELIVERY SYSTEM



COVER STORY

Drug transport-based therapeutic resistance in breast cancer liver metastases

RELEASE VOL. 2

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JOURNAL

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CONTROLLED

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Publication information: Journal of Controlled Release (ISSN 0168-3659). For 2018, volumes 269–292 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (http://www.elsevier.com/locate/jconrel). Further information is available on this journal and other Elsevier products through Elsevier's website (http://www.elsevier.com). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

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Chelation, formulation, encapsulation, retention, and *in vivo* biodistribution of hydrophobic nanoparticles labelled with ⁵⁷Co-porphyrin: Oleylamine ensures stable chelation of cobalt in nanoparticles that accumulate in tumors

Pablo Hervella^{a,b}, Johan Hygum Dam^c, Helge Thisgaard^c, Christina Baun^c, Birgitte Brinkmann Olsen^c, Poul Flemming Høilund-Carlsen^c, David Needham^{a,d,e}

^aCenter for Single Particle Science and Engineering (SPSE), Institute for Molecular Medicine, Health Sciences, University Southern Denmark, Campusvej 55, Odense DK-5230, Denmark

^bClinical Neurosciences Research Laboratory, Health Research Institute of Santiago de Compostela (IDIS), Travesa da Choupana s/n,

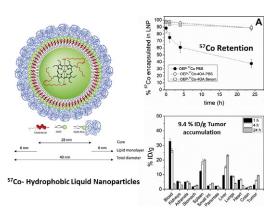
Santiago de Compostela (1515), Havesa Santiago de Compostela 15706, Spain

^cDepartment of Nuclear Medicine, Odense University Hospital, Sdr. Boulevard 29, Odense 5000, Denmark

dDepartment of Mechanical Engineering and Material Science, Duke University,

Durham, NC 27708,USA

eSchool of Pharmacy, University of Nottingham, Nottingham NG7 2RD, UK

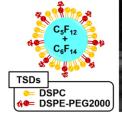


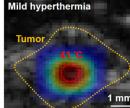
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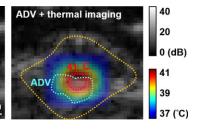
Thermal-sensitive acoustic droplets for dual-mode ultrasound imaging and drug delivery

Yi-Ju Ho, Chin-Chou Wu, Zong-Han Hsieh, Ching-Hsiang Fan, Chih-Kuang Yeh

Department of Biomedical Engineering and Environmental Sciences, National Tsing Hua University, Hsinchu, Taiwan







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Successful intracranial delivery of trastuzumab by gene-therapy for treatment of HER2-positive breast cancer brain metastases

Inbal Zafir-Lavie^{a,c}, Shay Sherbo^a, Haim Goltsman^a, Felix Badinter^a, Eilam Yeini^b, Paula Ofek^b, Reem Miari^a, Osnat Tal^a, Atar Liran^a, Tamar Shatil^a, Simi Krispel^a, Nir Shapir^a, Garry A. Neil^c, Itai Benhar^d, Amos Panet^e, Ronit Satchi-Fainaro^b

^aMedgenics Medical Israel, Ltd., Misgav, Israel

^bDepartment of Physiology and Pharmacology, Sackler Faculty of Medicine,

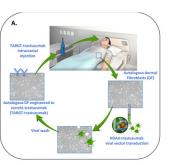
Room 607. Tel Aviv University. Tel-Aviv 69978. Israel

^cAevi Genomic Medicine, Inc., Wayne, PA, USA

^dSchool of Molecular Cell Biology and Biotechnology, Green Building, Room 202,

The George S. Wise Faculty of Life Sciences, Tel Aviv University, Ramat Aviv 69978, Israel

^eDepartment of Biochemistry (IMRIC), The Hebrew University-Hadassah Medical School, Jerusalem, Israel





Single injection yields continues delivery of trastuzumab to the brain

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