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Megakaryocytic microparticles for targeted delivery to hematopoietic stem cells
K. Park  (West Lafayette, USA)

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P. Botella and E. Rivero-Buceta  (Valencia, Spain)

Topical and cutaneous delivery using nanosystems
M. Roberts, Y. Mohamed, M. Pastore, S. Namjoshi, S. Yousef, A. Alinaghi, I. Haridass, E. Abd, V. Leto-Silva, H. Benson and J. Critz  (QLD, Adelaide, Perth, Australia)

Nanomedicines for dysfunctional macrophage-associated diseases
H. He, S. Ghosh and H. Yang  (Richmond, USA)

Research papers
How do megakaryocytic microparticles target and deliver cargo to alter the fate of hematopoietic stem cells?
J. Jiang, C.-Y. Kao and E.T. Papoutsakis  (Newark, USA)

Rapid and facile quantitation of polyplex endocytic trafficking
M. Lazebnik and D.W. Pack  (Urbana, Lexington, USA)

Sequential HIFU heating and nanobubble encapsulation provide efficient drug penetration from stealth and temperature sensitive liposomes in colon cancer
J. VanOsdol, K. Ektate, S. Ramanasy, D. Maples, W. Collins, J. Malayer and A. Ranjan  (Stillwater, USA)

Inhomogeneous crystal grain formation in DPPC-DSPC based thermosensitive liposomes determines content release kinetics
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Tumour regression and improved gastrointestinal tolerability from controlled release of SN-38 from novel poloxazoline-modified dendrimers

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Longitudinal monitoring of skin accumulation of nanocarriers and biologicals with fiber optic near infrared fluorescence spectroscopy (FONIRS)
J.I. Griffin, M.J. Benchimol and D. Simberg  (Aurora, San Diego, USA)

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Biodegradable nanoparticle delivery of inactivated swine influenza virus vaccine provides heterologous cell-mediated immune response in guinea pigs.


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