

Critical Reviews™ in Therapeutic Drug Carrier Systems

CONTENTS, VOLUME 33, 2016

**Page Range of Issues – Issue: 1–106; Issue 2: 107–212; Issue 3: 213–308 Issue 4: 309–400;
Issue 5: 401–488; Issue 6: 489–595**

Issue 1

- Current Trends in Self-Emulsifying Drug-Delivery Systems (SEDDSs) to Enhance
the Bioavailability of Poorly Water-Soluble Drugs** 1
R. Karwal, T. Garg, G. Rath, & T.S. Markandeywar

- The Effective Role of Hydroxyapatite-Based Composites in Anticancer Drug-Delivery
Systems** 41
S. Saber-Samandari, N. Nezafatib, & S. Saber-Samandari

- Microsponges: A Pioneering Tool for Biomedical Applications** 77
A. Kumari, A. Jain, P. Hurkat, A. Verma, & S.K. Jain

Issue 2

- Chitosan Nanoparticles Prepared by Ionotropic Gelation: An Overview of Recent
Advances** 107
K.G.H. Desai

- PLGA Nanoparticles and Their Versatile Role in Anticancer Drug Delivery** 159
I. Khan, A. Gothwal, A.K. Sharma, P. Kesharwani, L. Gupta, A.K. Iyer, & U. Gupta

- Niosomes as Nano-Delivery Systems in the Pharmaceutical Field** 195
C. Cerqueira-Coutinho, E.P. dos Santos, & C.R.E. Mansur

Issue 3

- Recent Advances in Pharmacotherapeutic Paradigm of Mild to Recalcitrant Atopic
Dermatitis** 213
Z. Hussain, S. Sahudin, H.E. Thu, A.N. Shuid, S.N.A. Bukhari, & E. Kumolosasi

- Submicron Emulsions and Their Applications in Oral Delivery** 265
V. Mundada, M. Patel, & K. Sawant

Issue 4

- Overview on Therapeutic Applications of Microparticulate Drug Delivery Systems** 309
S. Bale, A. Khurana, A.S.S. Reddy, M. Singh, & C. Godugu

- Oral Squamous Cell Carcinoma: Current Treatment Strategies and
Nanotechnology-Based Approaches for Prevention and Therapy** 363
S.A. Gharat, M. Momin, & C. Bhavsar

Issue 5

Topotecan Liposomes: A Visit from a Molecular to a Therapeutic Platform	401
<i>S. Saraf, A. Jain, P. Hurkat, & S.K. Jain</i>	
Review Article: Fabricated Microparticles: An Innovative Method to Minimize the Side Effects of NSAIDs in Arthritis	433
<i>S.S.H. Abadi, A. Moin, & G.H. Veerabhadrapa</i>	

Issue 6

Shielding Therapeutic Drug Carriers from the Mononuclear Phagocyte System: A Review	489
<i>N. Sathyamoorthy & M.D. Dhanaraju</i>	
Advanced Implantable Drug Delivery Systems via Continuous Manufacturing	569
<i>M. Maniruzzamana, & A. Nokhodchia</i>	
Index to Volume 33	591

Critical Reviews™ in Therapeutic Drug Carrier Systems

AUTHOR INDEX, VOLUME 33, 2016

**Page Range of Issues – Issue: 1–106; Issue 2: 107–212; Issue 3: 213–308 Issue 4: 309–400;
Issue 5: 401–488; Issue 6: 489–595**

- | | | |
|-------------------------------|---------------------|------------------------------|
| Abadi, S.S.H., 433 | Jain, A., 77, 401 | Patel, M., 265 |
| Bale, S., 309 | Jain, S.K., 77, 401 | Rath, G., 1 |
| Bhavsar, C., 363 | Karwal, R., 1 | Reddy, A.S.S., 309 |
| Bukhari, S.N.A., 213 | Kesharwani, P., | Saber-Samandari, S., |
| Cerdeira-Coutinho,
C., 195 | 159 | 41 |
| Desai, K.G.H., 107 | Khan, I., 159 | Saber-Samandari, S., |
| Dhanaraju, M.D.,
489 | Khurana, A., 309 | 41 |
| dos Santos, E.P., 195 | Kumari, A., 77 | Sahudin, S., 213 |
| Garg, T., 1 | Kumolosasi, E., 213 | Saraf, S., 401 |
| Gharat, S.A., 363 | Maniruzzaman, M., | Sathyamoorthy, N., |
| Godugu, C., 309 | 569 | 489 |
| Gothwal, A., 159 | Mansur, C.R.E., 195 | Sawant, K., 265 |
| Gupta, L., 159 | Markandeywar, T.S., | Sharma, A.K., 159 |
| Gupta, U., 159 | 1 | Shuid, A.N., 213 |
| Hurkat, P., 77, 401 | Moin, A., 433 | Singh, M., 309 |
| Hussain, Z., 213 | Momin, M., 363 | Thu, H.E., 213 |
| Iyer, A.K., 159 | Mundada, V., 265 | Veerabhadrappa,
G.H., 433 |
| | Nezafati, N., 41 | Verma, A., 77 |
| | Nokhodchi, A., 569 | |

Critical ReviewsTM in Therapeutic Drug Carrier Systems

SUBJECT INDEX, VOLUME 33, 2016

**Page Range of Issues – Issue: 1–106; Issue 2: 107–212; Issue 3: 213–308 Issue 4: 309–400;
Issue 5: 401–488; Issue 6: 489–595**

- accelerated blood clearance, 401
anticancer drugs, 159
atopic dermatitis, 213
biodegradable, 569
camptothecan, 401
cancer, 41, 401
chemotherapy, 41
chitosan nanoparticles, 107
composites, 41
controlled drug release, 107
conventional therapies, 213
COX-1, 433
COX-2, 433
drug delivery system, 569
drug delivery, 41, 159, 195, 309
gene delivery, 195
hot-melt extrusion, 569
hydroxyapatite, 41
immunosuppressant therapies, 213
implants, 569
ionotropic gelation, 107
kinetic models, 77
liposomes, 213, 401
lymphatic targeting, 265
mechanism of nanoparticle formation, 107
microemulsion, 265
microencapsulation technology, 433
microparticles, 309, 433
microsponges, 77
mononuclear phagocyte system, 489
multidrug resistance, 401
nanoemulsion, 213, 265
nanoparticles, 159
nanotechnology based formulations, 363
nanotechnology, 159
níosomes, 195
nonsteroidal anti-inflammatory drugs, 433
opsonization, 489
oral bioavailability, 1
oral bioavailability, 265
oral squamous cell carcinoma, 363
oral, 77
particulate carriers, 489
PEGylation, 489
P-gp inhibition, 265
phagocytosis, 489
polylactide-co-glycolide, 159
polymeric surfactants, 195
process analytical technology, 569
quality by design, 569
quasi-emulsion solvent diffusion, 77
release mechanisms, 433
rheumatoid arthritis, 433
self emulsifying drug delivery system, 265
self-emulsifying drug-delivery system, 1
self-emulsifying implant, 1
self-emulsifying solid dispersion, 1
solid lipid nanoparticles, 213
steric stabilization, 489
submicron emulsions, 265
sustained release, 309, 433
targeted drug delivery, 107

targeting, 159
therapeutic benefits,
309

topical
corticosteroids, 213
topical, 77

topotecan, 401
vesicular
nanosystems, 195