

Book Chapters

Recent advances in micellar-like polyelectrolyte/protein complexes: design and development of biopharmaceutical vehicles, N. Pippa, S. Pispas, C. Demetzos, In: Design and development of new nanocarriers, Edited by: Alexandru Mihai Grumezescu, ISBN: 978-0-12-813627-0, Elsevier, 2018: 57-88, [doi: 10.1016/B978-0-12-813627-0.00002-8](https://doi.org/10.1016/B978-0-12-813627-0.00002-8)

Thermal analysis of liposomal formulation as element to evaluate their effectiveness as drug and vaccine delivery systems, N. Naziris, N. Pippa, S. Pispas, C. Demetzos, In: Liposomes: Historical, Clinical, and Molecular Perspectives, 2017, Edited by: Benjamin R. Pearson, ISBN: 978-1-53612-154-4 Nova Science Publishers, Inc. New York, USA.

Bioinspired drug nanocarriers based on chimeric/mixed nanosystems, N. Pippa, S. Pispas, C. Demetzos, Encyclopedia of Nanoscience and Nanotechnology, Editor: Dr. Hari Singh Nalwa, American Scientific Publishers | 26650 The Old Road, Suite 208, Valencia, California 91381-0751, USA, [doi:10.1007/978-3-319-08927-0_23](https://doi.org/10.1007/978-3-319-08927-0_23)

Physicochemical characterization and basic research principles of advanced Drug Delivery nano Systems (aDDnSs). N. Pippa, S. Pispas, C. Demetzos, In: “Intelligent Nanomaterilas (2nd Ed.), (Chapter 5), Advanced Materials Book Series, Editors: A. Tiwari, YK Misha, H. Kobayashi and A.P.F. Turner, WILEY-Scrivener Publishing LLC, USA, [doi: 10.1002/9781119242628.ch5](https://doi.org/10.1002/9781119242628.ch5)

Pharmaceutical nanotechnology: Fundamentals and practical applications. Demetzos, C. Pharmaceutical Nanotechnology: Fundamentals and Practical Applications 2016, 1-203, [doi: 10.1007/978-981-10-0791-0](https://doi.org/10.1007/978-981-10-0791-0)

Mixed biocompatible block copolymer/ lipid nanostructures as drug nanocarriers: advantages and pharmaceutical perspectives. N. Pippa, S. Pispas, Costas Demetzos, Handbook of Polymers for Pharmaceutical Technologies, Vijay Kumar Thakur and

ManjuKumari Thakur (eds.)Volume 4 (257–284) © 2015 Scrivener Publishing LLC, Wiley, [doi: 10.1002/9781119041559.ch11](https://doi.org/10.1002/9781119041559.ch11)

Bio-Inspired Chimeric Drug Delivery Nano Systems (chi-DDnSs): Their Fractal Morphology and Regulatory Aspects. N. Pippa, S. Pispas, C. Demetzos. (Chapter 4) In: Recent Advances in Drug Delivery Research. 2015, Nova Science Publishers, Inc. New York, USA, [doi: 10.1007/978-3-319-08927-0_23](https://doi.org/10.1007/978-3-319-08927-0_23)

Method of simultaneous analysis of liposome components using HPTLC/FID
Hatziantoniou S. Demetzos C., Methods in Molecular Biology 2017, 1522: 49-54,
[doi: 10.1007/978-1-4939-6591-5_4](https://doi.org/10.1007/978-1-4939-6591-5_4)

Uptake studies of free and liposomal sclareol by MCF-7 and H-460 human cancer cell lines, NANOMATERIALS AND NANOSYSTEMS FOR BIOMEDICAL APPLICATIONS, Ed. Mozafari Reza, Book Chapter 8, pp. 125-133, Springer, 2007, A. Paradissis, S. Hatziantoniou, A. Georgopoulos, K. Dimas , C. Demetzos, https://doi.org/10.1007/978-1-4020-6289-6_8

Released advantages of a liposomal dendrimer- doxorubicin complex, over conventional liposomal formulation of doxorubicin, A. Papagiannaros, C. Demetzos, In: NANOMATERIALS AND NANOSYSTEMS FOR BIOMEDICAL APPLICATIONS, Ed. Mozafari Reza, Book Chapter 9, 135-144, Springer, 2007, https://doi.org/10.1007/978-1-4020-6289-6_9

Lipids of membranes: chemistry, biological role and application as drug carriers, S. Hatziantoniou, C. Demetzos Series of Books ‘Studies in Natural Product Chemistry’ Edited by Atta-Eu-Rahman, Vol.34, 2008 ELSEVIER Lt., [https://doi.org/10.1016/S1572-5995\(08\)80027-0](https://doi.org/10.1016/S1572-5995(08)80027-0)

Interaction of dendrimers with model lipid membranes assessed by DSC and RAMAN spectroscopy, K. Gardikis, S. Hatziantoniou, K. Viras , M. Wagner, C. Demetzos, Nano-encapsulation Technologies: Frontiers of Nanotherapy, Ed. Mozafari Reza, Book, Chapter 12, Springer, 2006, 207-220, https://doi.org/10.1007/978-1-4020-5041-1_12