



Drug Delivery References

Literature references to PC Technology as a biocompatible coating and drug delivery system for medical devices

1. McNair A.M., Using hydrogel polymers for drug delivery, *Medical Device Technology*, **1996**
2. Gunn J., Cumberland D., Stent coatings and local drug delivery, *Eur Heart J*, **1999**
3. Martel, R., Vick, T. et al, Optimisation of parameters affecting DNA oligonucleotide loading onto phosphorylcholine (PC) coated BiodivYsio drug delivery stent, *Canadian Journal of Cardiology*
4. Armstrong, J., Chan, K.H. et al, Antisense delivery from phosphorylcholine (PC) coated stents, *Eur Heart J*, **2000**
5. Armstrong, J., Gunn, J. et al, The PC coated stent as a drug delivery platform, *Journal of Submicroscopic Cytology and Pathology*
6. Swanson N., Hogrefe K., Javed Q., Gershlick A.H., Drug-eluting stents – Could drugs tailored to the patient be loaded in the catheter lab? , *Eur Heart J*, **2000**
7. Lewis A.L. and Vick T.A., Site-specific drug delivery from coronary stents, *Drug Delivery Systems & Sciences*
8. Rothman, M.T. & Lewis, A.L. , The Biocompatibles' drug eluting stents, *Handbook of coronary stents*
9. Lewis, A.L., Vick, T.A., Collias, A.M.C, Hughes, L.G., Palmer, R.R. Leppard, S.W., Furze, J.D., Taylor, A.S. & Stratford, P.W., Phosphorylcholine-based Polymers for Stent Drug Delivery, *J Mater Sci: Mater Med*, **2001**
10. Chevalier B., De Scheerder I., First in Man Safety Study of Batimastat Stent: Effect on Restenosis, *Circulation Supplement II*, **2002**
11. Sousa J.E., Abizaid A., Abizaid A.S., New G., Costa M.A., Staico R., Feres F., Sousa A.G.M.R., Mehran R., Kipshidze N., Goodhand M., Kreimer S., Moses J., Leon M., First Clinical Experience with 17- β -Estradiol-Eluting Biodivysio matrix LO Stent to Prevent Restenosis in De Novo Native Coronary Arteries. Early Clinical Outcomes and Angiographic Follow-Up from the Easter Trial, *Circulation (Suppl)*, **2002**
12. Salvage J.P., Hanlon G.W., Phillips G.J., West S.L., Lobb E.J., Ma I., Billingham N.C., Armes S.P., Lewis A.L., Lloyd A.W., Novel Biocompatible Block Copolymers for Drug Delivery, *J Pharm Pharmacol*, **2002**
13. Ma I.Y., Lobb E.J., Billingham N.C., Armes S.P., Lewis A.L., Lloyd A.W., Salvage J., Synthesis of Biocompatible Polymers. 1. Homopolymerization of 2-Methacryloyloxyethyl Phosphorylcholine via ATRP in Protic Solvents: An Optimization Study, *Macromolecules*, **2002**
14. Salvage J.P., Hanlon G.W., Phillips G.J., West S.L., Lloyd A.W., Lobb E.J., Ma I., Billingham N.C., Armes S.P., Lewis A.L., Novel Biocompatible Block Copolymers for Drug Delivery, *J of Controlled Release (Abstracts)*
15. Lewis A.L., Willis S.L., Small S.A., Hunt S., O'Byrne V., Stratford P.W., Drug loading and elution from a phosphorylcholine polymer-coated coronary stent does not affect long-term stability of the coating in-vivo, *Abstract from 2nd Int. Conference on New Biomedical Materials, Cardiff*
16. Berwick J., Davies M., Allen S., Roberts C., Williams P., Tendler S., Lewis A., O'Byrne, V., Assessment of Dexamethasone uptake by a cross-linkable biomimetic hydrogel, *Controlled Release Society, Abstract from Winter Symposium & 11th International Symposium on Recent Advances in Drug Delivery Systems*

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