Title: FUNCTIONALIZED POLY (ETHER-ANHYDRIDE) BLOCK COPOLYMERS

Abstract: The present application is directed to biodegradable polymers, compositions, including microspheres and nanospheres, formed of such polymers, and methods of using such polymers and compositions. In certain embodiments, the subject polymer compositions include therapeutic agents, optionally providing sustained release of the encapsulated agent after administration to a patient.
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/04558

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: C08G 63/91 (2006.01), 67/04 (2006.01)
      C08G 67/00 (2006.01)
USPC: 525/419, 88, 92F, 327, 4, 430; 528/272, 297, 486
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
      U.S.: 525/419, 88, 92F, 327, 4, 430; 528/272, 297, 486

   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
      NONE

   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
      Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>A</td>
<td>GREGORY et al, Amplification of biovia mediated targeting, Access Pharmaceuticals</td>
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<td>Australia Pty.Ltd, June 2004, chem Abstract 141: 12317</td>
<td>1-26</td>
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<tr>
<td>A</td>
<td>KEVIN et al, Surface coating in spatially controlled patterns, The university of</td>
<td></td>
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<tr>
<td></td>
<td>Nottingham, UK, July 1999, Chem Abstract 131: 106869</td>
<td>1-26</td>
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<tr>
<td>A</td>
<td>MICHAL, Polymide oligomers and their use in drug delivery via liposomes, Inex</td>
<td></td>
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<tr>
<td>A</td>
<td>BLACK et al, Surface Engineering and surface analysis — biotinylated end groups,</td>
<td></td>
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<td>University of Nottingham, UK, 1999, Chem Abstract 131: 35831</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Date of the actual completion of the international search: 19 July 2006 (19.07.2006)
Date of mailing of the international search report: 01 SEP 2006

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Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
CAS, STN, Inventor name search, search terms: biotin-PEG-PSA, biotin-PEG-OH, (block copolymer# or block co polymer#), diacid#, (polysebacic or sebacic), (PEG-Biotin or biotin-PEG)