

Curriculum Vitae

Personal information **Barbara Stubbe**

Work experience

1. Employer: University of Ghent
 - Start date: 101998
 - End date: 082004
 - Position: PhD student
 - Activities: Research and development (Laboratory of physical pharmacy and biochemistry)
 - Title PhD: 'Evaluation of degrading dextran hydrogels in order to obtain pulsed drug delivery'
 - Country: Belgium
2. Employer: Pharmacist Van Tyghem
 - Start date: 092004
 - End date: 092005
 - Position: Pharmacist
 - Activities: Retail of medicines to the public
 - Country: Belgium
3. Employer: University of Ghent
 - Start date: 102005
 - End date: 112007
 - Position: Postdoctoral Researcher
 - Activities: Research and Development. Supervisory of PhD students in the fields of 1)pulsed drug delivery 2) pharmaceutical carriers for gene delivery and 3)encoded microcarriers for diagnostic use and screening of drugs.
 - Country: Belgium
4. Employer: Federal Agency For Medicines and Health Products
 - Start date: 122007
 - End date: 042021
 - Position: GMDP Inspector Division Industry
 - Activities: Inspection of Manufacturers/Distributors of Medicinal products
 - Country: Belgium
5. Employer: Federal Agency For Medicines and Health Products
 - Start date: 052021
 - End date: 012022
 - Position: HBM Inspector Division Distribution
 - Activities: Inspection of Blood, Tissue and Cell establishments
 - Country: Belgium
6. Employer: Federal Agency For Medicines and Health Products
 - Start date: 022022
 - End date:
 - Position: GMDP Inspector Division Industry
 - Activities: Inspection of Manufacturers of Medicinal products
 - Country: Belgium

Education and training

1. Subject: University of Ghent
 - Start date: 101993
 - End date: 061998
 - Qualification: Pharmacist
 - Organisation:
 - Country: Belgium
2. Subject: Faculty of Pharmacy _ UGhent
 - Start date: 101998
 - End date: 082004
 - Qualification: PhD in Biochemistry and Physical Pharmacy
 - Organisation:
 - Country: Belgium

Additional information

Publications

PUBLICATIONS The in Vitro Evaluation of 'Azo Containing Polysaccharide Gels' for Colon Delivery B. Stubbe, B. Maris, G. Van den Mooter, S.C. De Smedt* and J. Demeester Journal of Controlled Release 2001, 75, 103_114 impactfactor: 5.949 Swelling Pressure Observations on Degrading dex_HEMA Hydrogels B. G. Stubbe, K. Braeckmans, F. Horkay, W.E. Hennink, S.C. De Smedt*, J. Demeester Macromolecules 2002, 35, 2501_2505 impactfactor: 4.539 A comparison between the use of dynamic mechanical analysis and oscillatory shear rheometry for the characterisation of hydrogels T.K.L. Meyvis, B.G. Stubbe, J. Van Steenberghe, W.E. Hennink, S.C. De Smedt, J. Demeester International Journal of Pharmaceutics 2002, 244, 163_168 impactfactor: 2.962 Tailoring the swelling pressure of degrading dextran hydroxyethyl methacrylate hydrogels B.G. Stubbe, F. Horkay, B. Amsden, W.E. Hennink, S.C. De Smedt*, J. Demeester Biomacromolecules 2003, 4, 691_695 impactfactor: 4.502 Modeling the swelling pressure of degrading hydroxyethylmethacrylate-grafted dextran hydrogels B.G. Amsden, B. Stubbe, F. Horkay, S.C. De Smedt, J. Demeester Journal of Polymer Science_part B: Polymer Physics 2004, 42, 3397_3404 impactfactor: 1.586 Swelling pressure of hydrogels that degrade through different mechanisms B. Stubbe, W.E. Hennink, S.C. De Smedt*, J. Demeester Macromolecules 2004, 37, 8739_8744 impactfactor: 4.539 "Programmed polymeric devices" for pulsed drug delivery B. Stubbe, S.C. De Smedt*, J. Demeester Pharmaceutical Research 2004,

21, 1732_1740 impactfactor: 3.933 Self_exploding lipid coated microgels B.G. De Geest, B.G. Stubbe, A.M. Jonas, T. Van Thienen, W.L.J. Hinrichs, J. Demeester, S.C. De Smedt Biomacromolecules 2006, 7, 371_379 impactfactor: 4.502 Anomalous photobleaching in fluorescence recovery after photobleaching measurements due to excitation saturation _ a case study for fluorescein K. Braeckmans, B.G. Stubbe, K. Remaut, J. Demeester, and S. C. De Smedt* Journal of Biomedical Optics 2006, 11(4), 044013 impactfactor: 2.501 Influence of free chains on the swelling pressure of PEG_HEMA and dex_HEMA hydrogels T.G. Van Thienen, F. Horkay, K. Braeckmans, B.G. Stubbe, J. Demeester, S.C. De Smedt* International Journal of Pharmaceutics 2007, 337, 31_39 impactfactor: 2.962 Digitally encoded drug tablets to combat counterfeiting F. Fayazpour, B. Lucas, N. Huyghebaert, K. Braeckmans, S. Derveaux, B.G. Stubbe, J.P. Remon, J. Demeester, C. Vervae, S.C. De Smedt* Advanced Materials 2007, 19(22), 3854_3858 impactfactor: 8.379 With comments in: Nature Materials (Research Highlight, December 2007) Layer_by_Layer coated digitally encoded microcarriers allow sensitive quantification of proteins in serum and plasma S. Derveaux, B. Stubbe, C. Roelant, M. Leblans, B. De Geest, J. Demeester, S.C. De Smedt* Analytical Chemistry 2008, 80, 85_94 impactfactor: 5.214 With comments in: Journal of Proteome Research (2008, 7, 479_480) Evaluation of encoded layer_by_layer coated microparticles as protease sensors B.G. Stubbe, S. Gevaert, S. Derveaux, K. Braeckmans, B.G. De Geest, M. Goethals, J. Vandekerckhove, J. Demeester, S.C. De Smedt* Advanced Functional Materials 2008, 18(11), 1624_1631 impactfactor: 6.990 Synergism between particle_based multiplexing and microfluidics technologies may bring diagnostics closer to the patient S. Derveaux, B.G. Stubbe, K. Braeckmans, C. Roelant, J. Demeester, S.C. De Smedt* Analytical and Bioanalytical Chemistry 2008, 391(7), 2453_2467 impactfactor: 3.480

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