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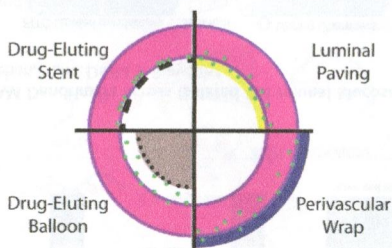
Reviews

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Macromolecular Approaches to Prevent Thrombosis and Intimal Hyperplasia Following Percutaneous Coronary Intervention

Rebecca A. Scott and Alyssa Panitch*



Articles

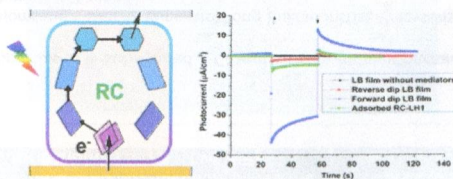
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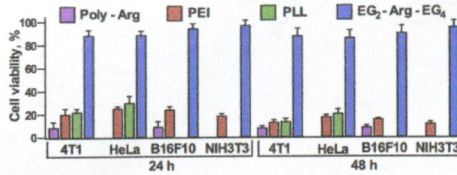
Photosynthetic Protein Complexes as Bio-photovoltaic Building Blocks Retaining a High Internal Quantum Efficiency

Muhammad Kamran, Juan D. Delgado, Vincent Friebe, Thijs J. Aartsma, and Raoul N. Frese*



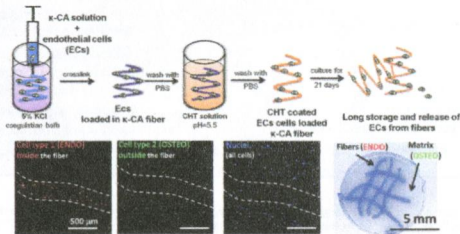
Arginine-Based Biodegradable Ether-Ester Polymers with Low Cytotoxicity as Potential Gene Carriers

Tamar Memanishvili, Nino Zavrashvili, Nino Kupatadze, David Tutgoshi, Marekh Gverdtiteli, Vladimir P. Torchilin,* Christine Wandrey, Lucia Baldi, Sagar S. Manoli, and Ramaz Katsarava*



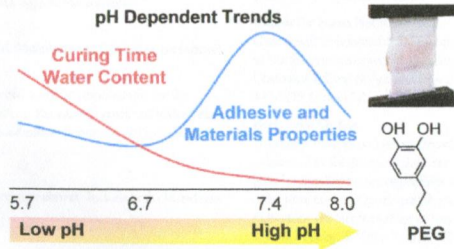
Fabrication of Endothelial Cell-Laden Carrageenan Microfibers for Microvascularized Bone Tissue Engineering Applications

Silvia M. Mihaila, Elena G. Popa, Rui L. Reis, Alexandra P. Marques, and Manuela E. Gomes*



Effect of pH on the Rate of Curing and Bioadhesive Properties of Dopamine Functionalized Poly(ethylene glycol) Hydrogels

Morgan Cencer, Yuan Liu, Audra Winter, Meredith Murley, Hao Meng, and Bruce P. Lee*



Injectable Polymerized High Internal Phase Emulsions with Rapid *in Situ* Curing

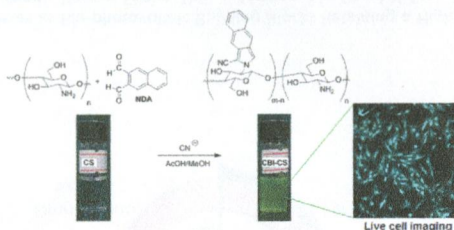
Robert S. Moglia, Michael Whitely, Prachi Dhavalikar, Jennifer Robinson, Hannah Pearce, Megan Brooks, Melissa Stuebben, Nicole Corder, and Elizabeth Cosgriff-Hernandez*

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Synthesis and Fluorescence Properties of N-Substituted 1-Cyanobenz[*f*]isoindole Chitosan Polymers and Nanoparticles for Live Cell Imaging

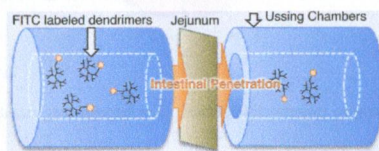
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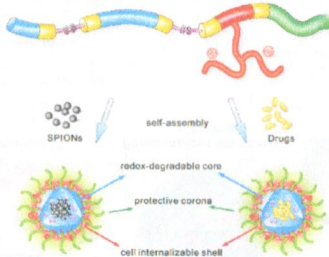
Transepithelial Transport of PAMAM Dendrimers across Isolated Rat Jejunal Mucosae in Ussing Chambers

Dallin Hubbard, Hamidreza Ghandehari,* and David J. Brayden*

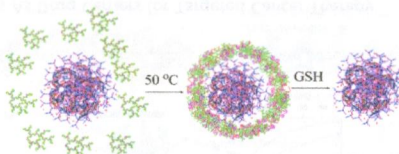


Cell Internalizable and Intracellularly Degradable Cationic Polyurethane Micelles as a Potential Platform for Efficient Imaging and Drug Delivery

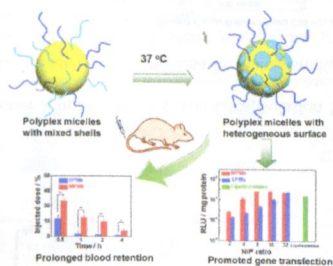
Mingming Ding, Xin Zeng, Xueling He, Jiehua Li, Hong Tan,* and Qiang Fu


Bioreducible Cross-Linked Nanoshell Enhances Gene Transfection of Polycation/DNA Polyplex in Vivo

Ji-Gang Piao, Sheng-Gang Ding, Lu Yang, Chun-Yan Hong, and Ye-Zi You*

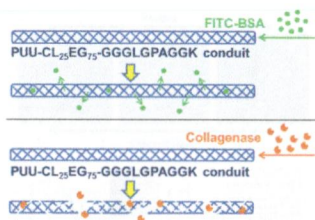

Polyplex Micelles with Thermoresponsive Heterogeneous Coronas for Prolonged Blood Retention and Promoted Gene Transfection

Yang Li, Junjie Li, Biao Chen, Qixian Chen,* Guoying Zhang,* Shiyong Liu, and Zhishen Ge*



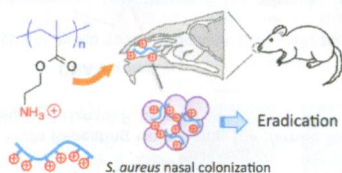
Collagenase-Labile Polyurethane Urea Synthesis and Processing into Hollow Fiber Membranes

Hui-Li Fu, Yi Hong, Steven R. Little, and William R. Wagner*



Cationic Methacrylate Polymers as Topical Antimicrobial Agents against *Staphylococcus aureus* Nasal Colonization

Laura M. Thoma, Blaise R. Boles,* and Kenichi Kuroda*

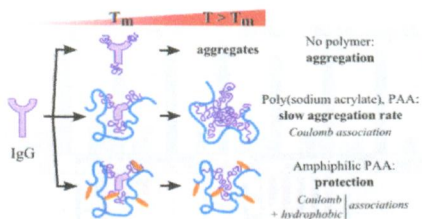


Amphiphilic Graft Copolymers from End-Functionalized Starches: Synthesis, Characterization, Thin Film Preparation, and Small Molecule Loading

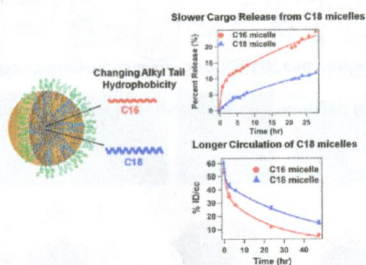
Lisa M. Ryno, Cassandra Reese, McKenzie Tolan, Jeffrey O'Brien, Gabriel Short, Gerardo Sorriano, Jason Nettleton, Kayleen Fulton, and Peter M. Iovine*



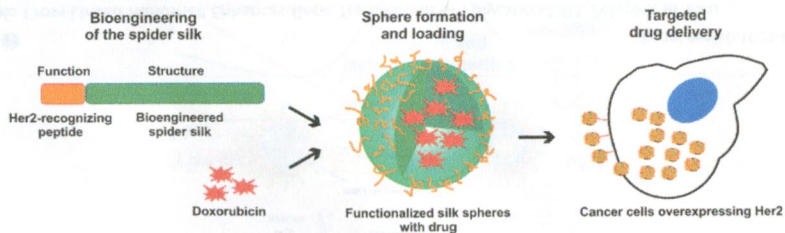
Prevention of Thermally Induced Aggregation of IgG Antibodies by Noncovalent Interaction with Poly(acrylate) Derivatives
 Nicolas Martin, Dewang Ma, Amaury Herbet, Didier Boquet, Françoise M. Winnik,* and Christophe Tribet*



Effect of Alkyl Length of Peptide–Polymer Amphiphile on Cargo Encapsulation Stability and Pharmacokinetics of 3-Helix Micelles
 Nikhil Dube, Jai W. Seo, He Dong, Jessica Y. Shu, Reidar Lund, Lisa M. Mahakian, Katherine W. Ferrara, and Ting Xu*

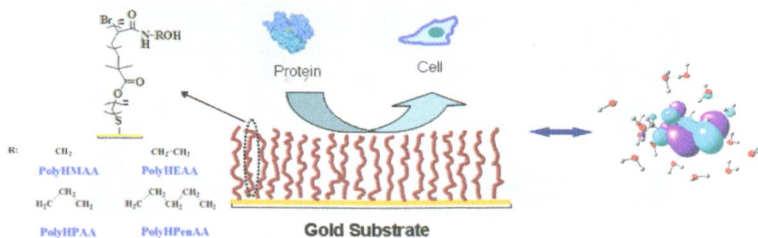


Functionalized Spider Silk Spheres As Drug Carriers for Targeted Cancer Therapy
 Anna Florczak, Andrzej Mackiewicz, and Hanna Dams-Kozłowska*



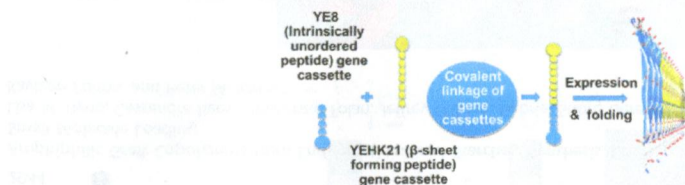
Probing the Structural Dependence of Carbon Space Lengths of Poly(*N*-hydroxyalkyl acrylamide)-Based Brushes on Antifouling Performance

Jintao Yang, Mingzhen Zhang, Hong Chen, Yung Chang, Zhan Chen,* and Jie Zheng*



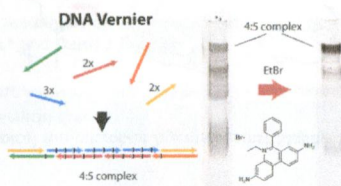
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Gaius A. Takor, Seiichiro Higashiyama, Mirco Sorci, Natalya I. Topilina, Georges Belfort, and John T. Welch*



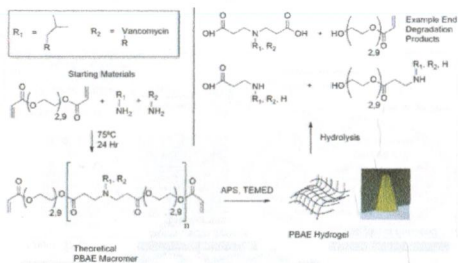
Controlled Growth of DNA Structures From Repeating Units Using the Vernier Mechanism

Andrea A. Greschner, Katherine. E. Bujold, and Hanadi F. Sleiman*



Synthesis and Characterization of an Antibacterial Hydrogel Containing Covalently Bound Vancomycin

Andrew L. Lakes, Rebecca Peyyala, Jeffrey L. Ebersole, David. A. Puleo, J. Zach Hilt, and Thomas D. Dziubla*

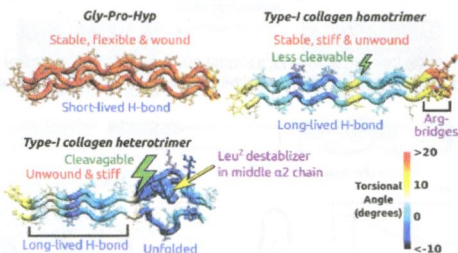


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Chain Registry and Load-Dependent Conformational Dynamics of Collagen

Xiaojing Teng and Wonmuk Hwang*

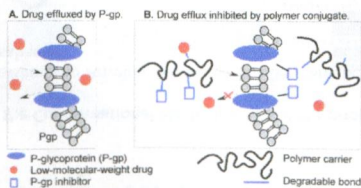


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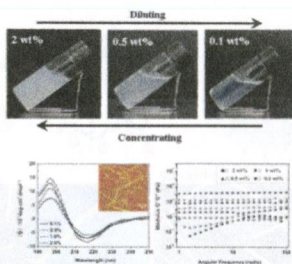
Synthesis of Poly[N-(2-hydroxypropyl)methacrylamide] Conjugates of Inhibitors of the ABC Transporter That Overcome Multidrug Resistance in Doxorubicin-Resistant P388 Cells In Vitro

V. Šubr,* L. Sívák, E. Koziolová, A. Braunová, M. Pechar, J. Strohaln, M. Kabešová, B. Říhová, K. Ulbrich, and M. Kovář



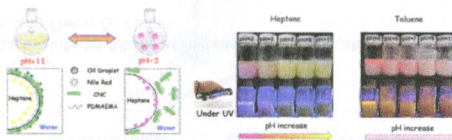
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Shumeng Bai, Xiuli Zhang, Qiang Lu,* Weiqin Sheng, Lijie Liu, Boju Dong, David L. Kaplan, and Hesun Zhu



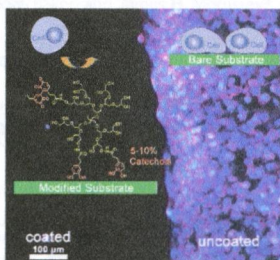
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Juntao Tang, Micky Fu Xiang Lee, Wei Zhang, Boxin Zhao, Richard M. Berry, and Kam C. Tam*



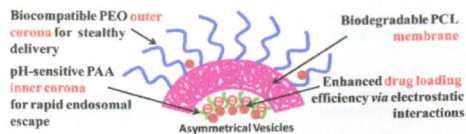
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Qiang Wei, Tobias Becherer, Radu-Cristian Mutihac, Paul-Ludwig Michael Noeske, Florian Paulus, Rainer Haag,* and Ingo Grunwald*



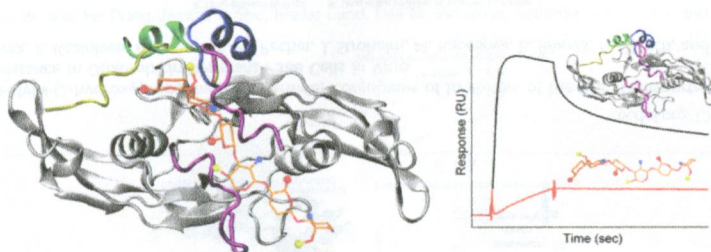
Asymmetrical Polymer Vesicles with a "Stealthy" Outer Corona and an Endosomal-Escape-Accelerating Inner Corona for Efficient Intracellular Anticancer Drug Delivery

Qiuming Liu, Jing Chen, and Jianzhong Du*



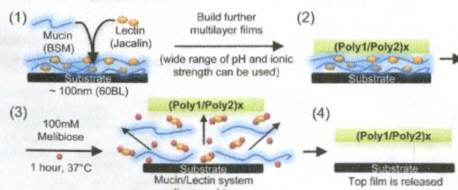
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Vera Hintze,* Sergey A. Samsonov, Massimiliano Anselmi, Stephanie Moeller, Jana Becher, Matthias Schnabelrauch, Dieter Scharnweber, and M. Teresa Pisabarro*



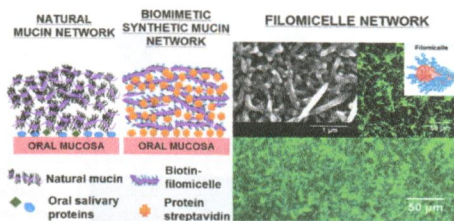
Sugar-Mediated Disassembly of Mucin/Lectin Multilayers and Their Use as pH-Tolerant, On-Demand Sacrificial Layers

Roberta Polak, Thomas Crouzier, Rosanna M. Lim, Katharina Ribbeck, Marisa M. Beppu, Ronaldo N. M. Pitombo, Robert E. Cohen, and Michael F. Rubner*



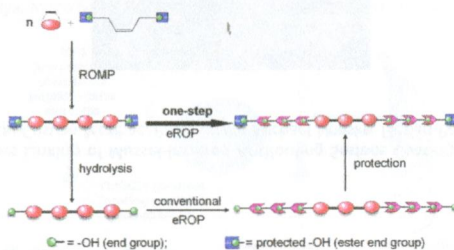
Synthetic Oral Mucin Mimic from Polymer Micelle Networks

Sundar P. Athimoolam, Andrew L. Vasilakes, Nihar M. Shah, David A. Puleo, and Thomas D. Dziubla*



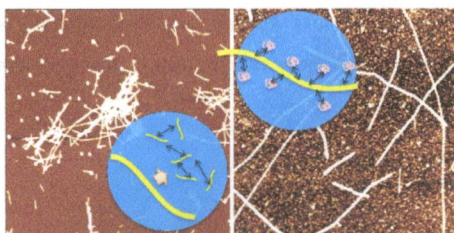
Facile Synthesis of Block Copolymers by Tandem ROMP and eROP from Esters Precursors

Shidong Xiang, Qiuping Zhang, Gang Zhang, Wei Jiang, Yan Wang, Hang Zhou, Quanshun Li,* and Jun Tang*



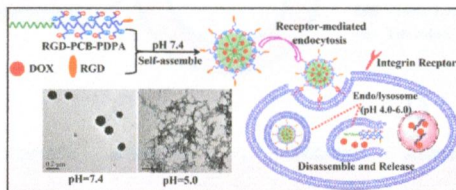
Electrostatic Stabilization of β -lactoglobulin Fibrils at Increased pH with Cationic Polymers

Jay Gilbert, Osvaldo Campanella, and Owen G. Jones*



Integrin-Targeted Zwitterionic Polymeric Nanoparticles with Acid-Induced Disassembly Property for Enhanced Drug Accumulation and Release in Tumor

Pingsheng Huang, Huijuan Song, Weiwei Wang, Yu Sun, Junhui Zhou, Xue Wang, Jinjian Liu, Jianfeng Liu, Deling Kong,* and Anjie Dong*

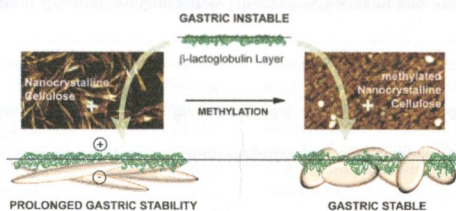


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dx.doi.org/10.1021/bm500767c

Tailored Interfacial Rheology for Gastric Stable Adsorption Layers

N. Scheuble,* T. Geue, E. J. Windhab, and P. Fischer

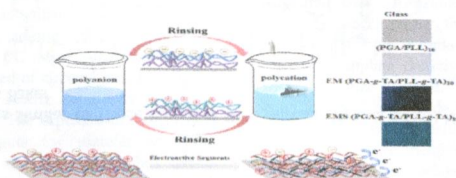


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In Vitro Studies on Regulation of Osteogenic Activities by Electrical Stimulus on Biodegradable Electroactive Polyelectrolyte Multilayers

Haitao Cui, Yu Wang, Ligu Cui, Peibiao Zhang, Xianhong Wang, Yen Wei,* and Xuesi Chen*



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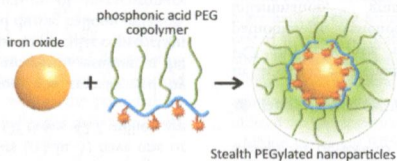
Mechanical and Physical Properties of Recombinant Spider Silk Films Using Organic and Aqueous Solvents

Chauncey L. Tucker, Justin A. Jones, Heidi N. Bringhurst, Cameron G. Copeland, J. Bennett Addison, Warner S. Weber, Qiushi Mou, Jeffery L. Yarger, and Randolph V. Lewis*



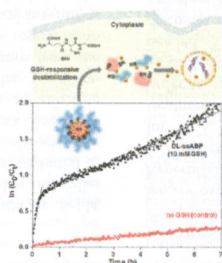
Preventing Corona Effects: Multiphosphonic Acid Poly(ethylene glycol) Copolymers for Stable Stealth Iron Oxide Nanoparticles

V. Torrisi, A. Graillot, L. Vitorazi, Q. Crouzet, G. Marletta, C. Loubat, and J.-F. Berret*



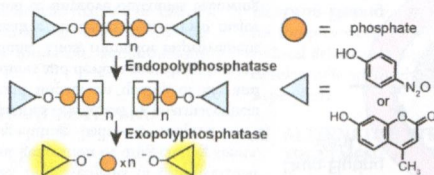
Glutathione-Triggered Disassembly of Dual Disulfide Located Degradable Nanocarriers of Poly(lactide)-Based Block Copolymers for Rapid Drug Release

Na Re Ko and Jung Kwon Oh*



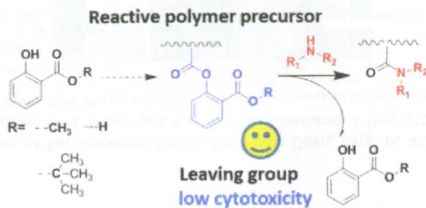
Synthesis and Evaluation of Chromogenic and Fluorogenic Substrates for High-Throughput Detection of Enzymes That Hydrolyze Inorganic Polyphosphate

Carleigh F. F. Hebbard, Yan Wang, Catherine J. Baker, and James H. Morrissey*



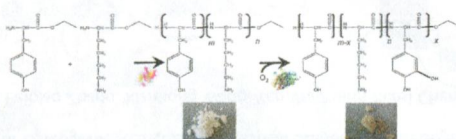
Postpolymerization Modification Using Less Cytotoxic Activated Ester Polymers for the Synthesis of Biological Active Polymers

Lirong He, Kristina Szameit, Hui Zhao, Ulrich Hahn, and Patrick Theato*



Synthesis of Adhesive Peptides Similar to Those Found in Blue Mussel (*Mytilus edulis*) Using Papain and Tyrosinase

Keiji Numata* and Peter James Baker



Additions and Corrections

Correction to Structural Characterization of a Model Gram-Negative Bacterial Surface Using Lipopolysaccharides from Rough Strains of *Escherichia coli*

Anton P. Le Brun, Luke A. Clifton, Candice E. Halbert, Binhua Lin, Mati Meron, Peter J. Holden, Jeremy H. Lakey, and Stephen A. Holt*

Correction to Multiplexing Natural Orientation: Oppositely Directed Self-Assembling Peptides

Woo-jin Jeong, Sanghun Han, Hyeseo Park, Kyeong Sik Jin, and Yong-beom Lim*

