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of polymer science and the biological sciences

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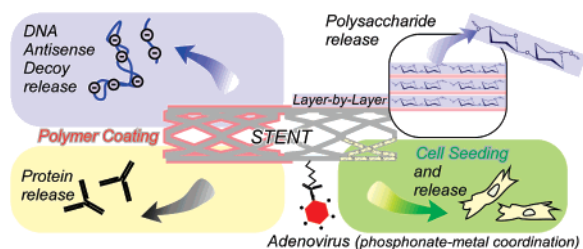
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Reviews

3281 Delivery of Large Biopharmaceuticals from Cardiovascular Stents: A Review

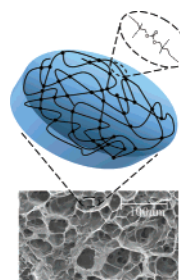
Hironobu Takahashi, Didier Letourneur, and
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3294 New Ground for Organic Catalysis: ■ A Ring-Opening Polymerization Approach to Hydrogels

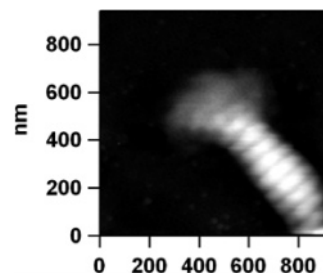
Fredrik Nederberg, Vivian Trang,
Russell C. Pratt, Andrew F. Mason,
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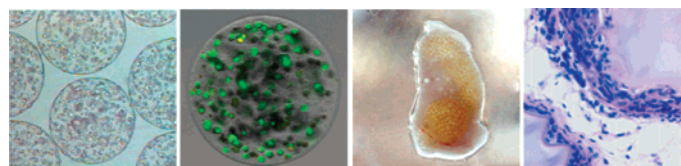
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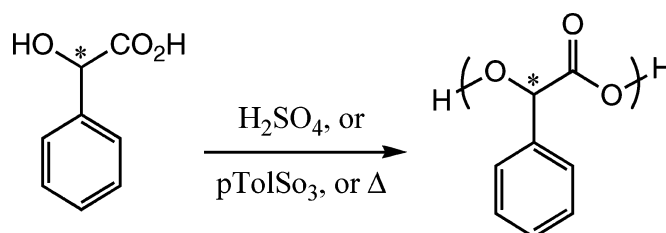
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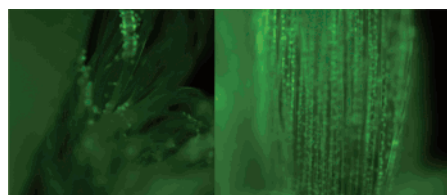
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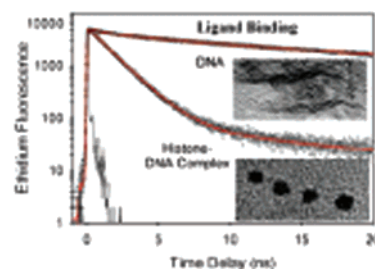
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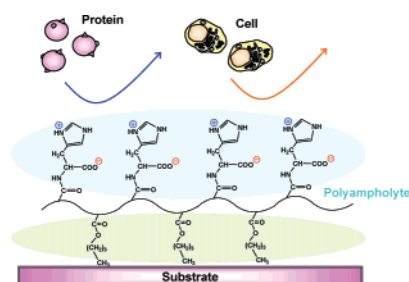
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Rupa Sarkar and Samir Kumar Pal*



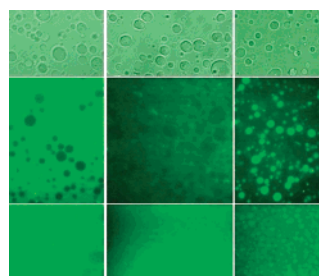
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Takehiko Ishii, Akira Wada, Saki Tsuzuki, Mario Casolaro, and Yoshihiro Ito*



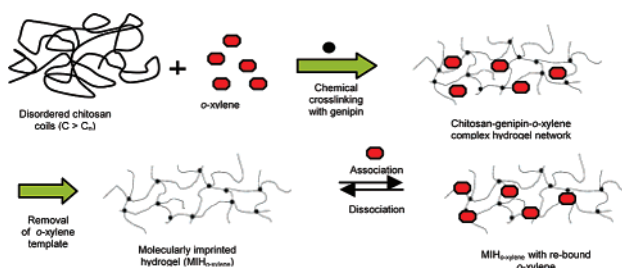
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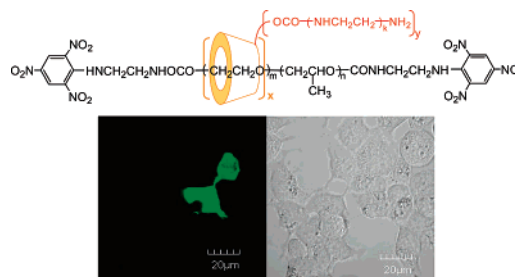
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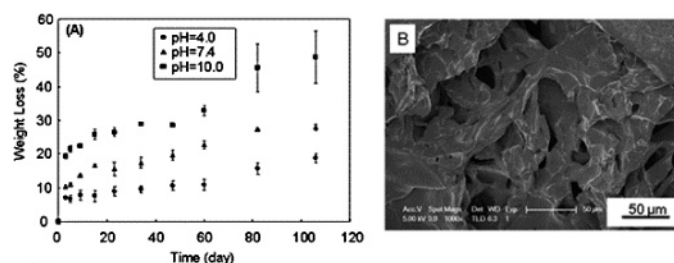
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Chuan Yang, Xin Wang, Hongzhe Li, Suat Hong Goh, and Jun Li*



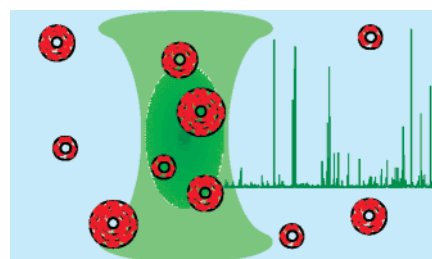
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Jin-Zhi Du, Tian-Meng Sun, Song-Qing Weng, Xue-Si Chen, and Jun Wang*



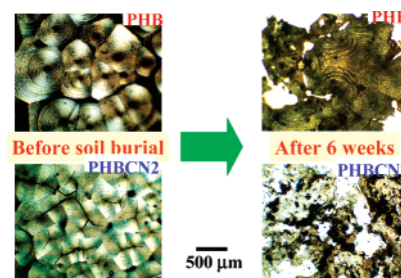
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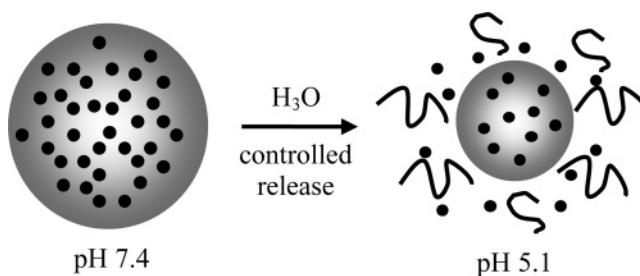
3393 New Biodegradable Polyhydroxybutyrate/Layered Silicate Nanocomposites

Pralay Maiti, Carl A. Batt, and Emmanuel P. Giannelis*



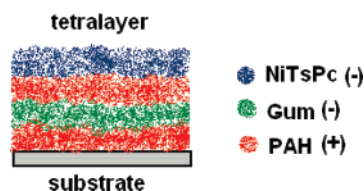
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Jua Jung, In-Hyun Lee, Eunhye Lee, Jinho Park, and Sangyong Jon*



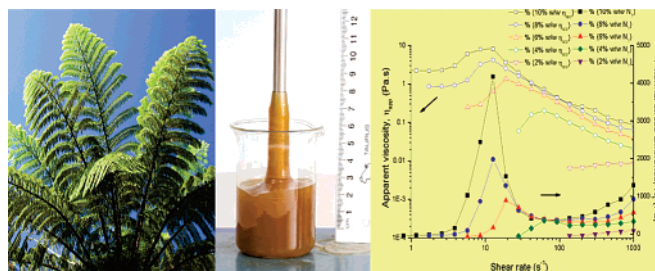
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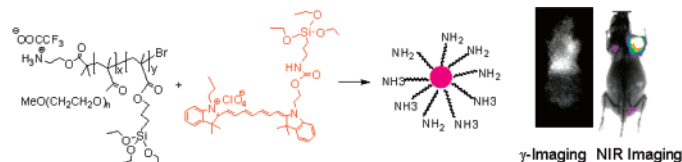
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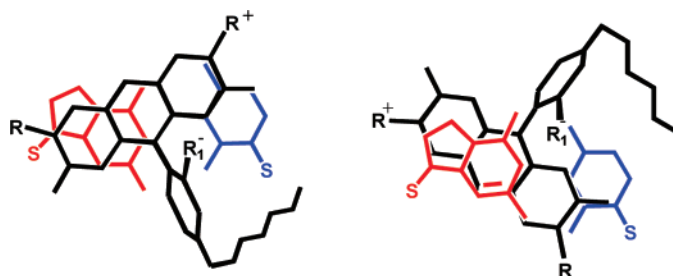
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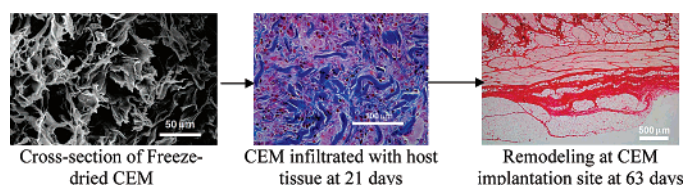
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Anela Ivanova, Grzegorz Jezierski, Egor Vladimirov, and Notker Rösch*



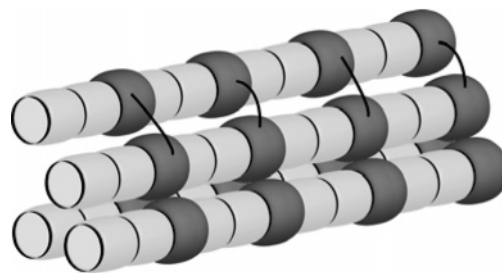
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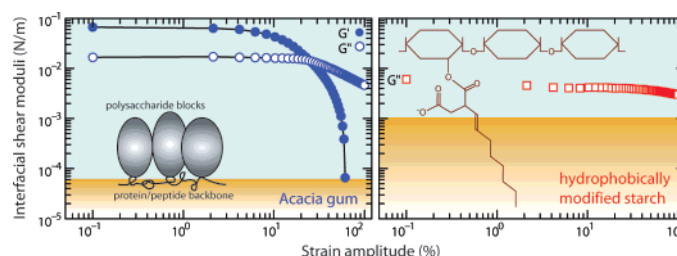
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Sascha Heinemann,* Hermann Ehrlich, Timothy Douglas, Christiane Heinemann, Hartmut Worch, Wolfgang Schatton, and Thomas Hanke



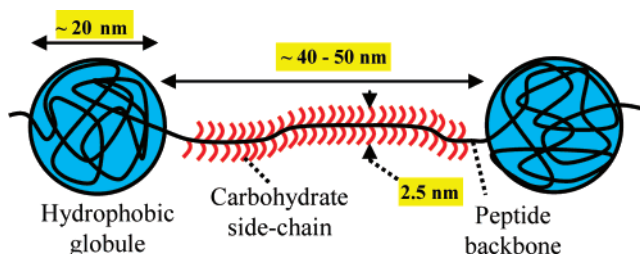
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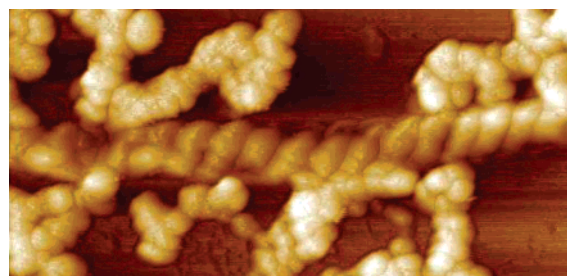
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Gleb E. Yakubov,* Aristeidis Papagiannopoulos, Elodie Rat, Richard L. Easton, and Thomas A. Waigh



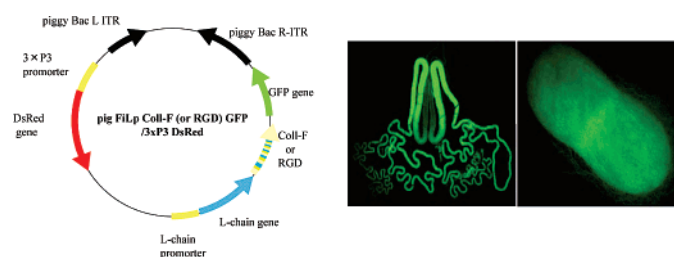
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Brigida Bochicchio, Antonietta Pepe, Roberta Flamia, Marina Lorusso, and Antonio M. Tamburro*



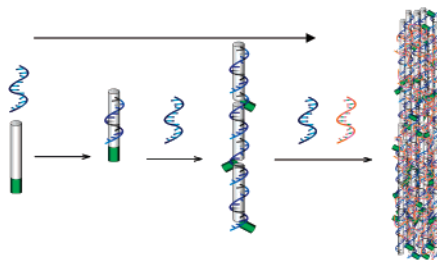
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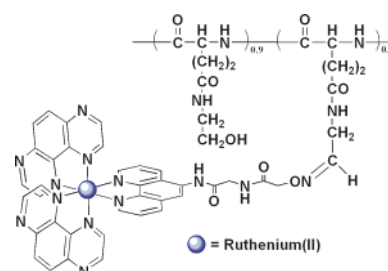
3493 Nanostructure of Polyplexes Formed between Cationic Diblock Copolymer and Antisense Oligodeoxynucleotide and Its Influence on Cell Transfection Efficiency

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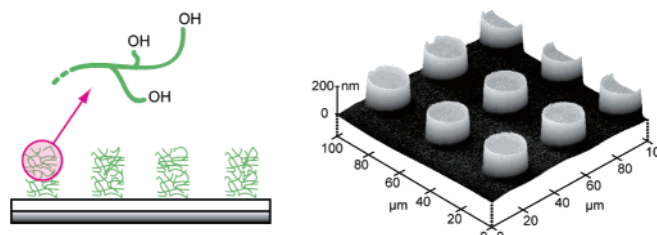
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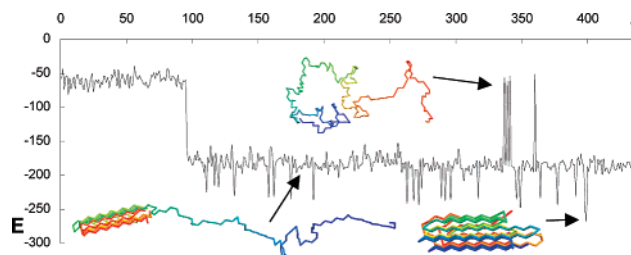
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Andréas Larsson, Chun-Xia Du, and Bo Liedberg*



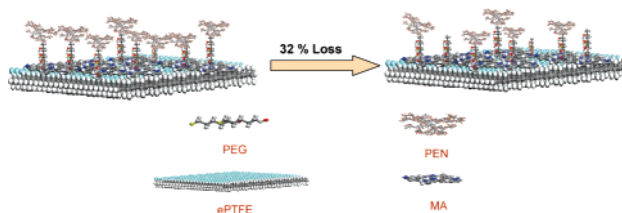
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Aleksandra Rutkowska* and Andrzej Kolinski



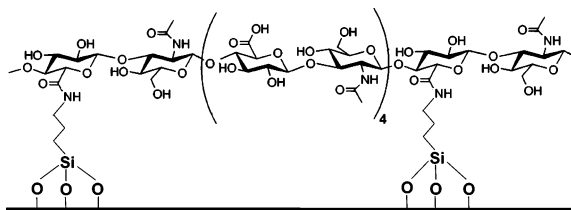
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Nattharika Aumsuwan, Sabine Heinhorst, and Marek W. Urban*



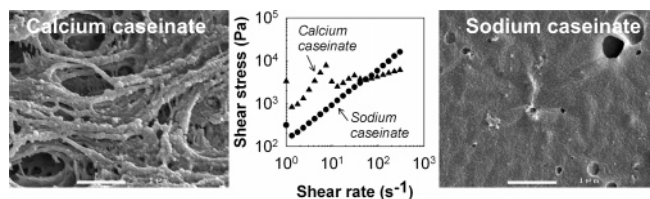
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Daniela Pasqui, Andrea Atrei, and Rolando Barbucci*



3540 Importance of Intrinsic Properties of Dense Caseinate Dispersions for Structure Formation

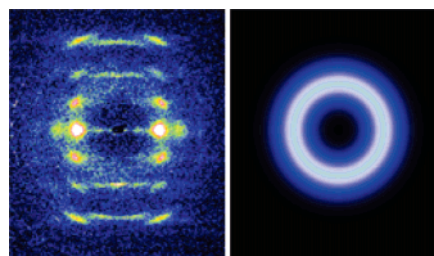
Julita M. Manski, Lieke E. van Riemsdijk, Atze J. van der Goot,* and Remko M. Boom



3548 Thermal Behavior of *Bombyx mori* Silk:

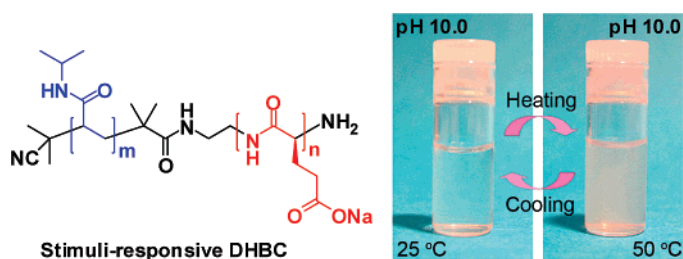
■ Evolution of Crystalline Parameters, Molecular Structure, and Mechanical Properties

A. Martel, M. Burghammer, R. J. Davies, and C. Riekell*



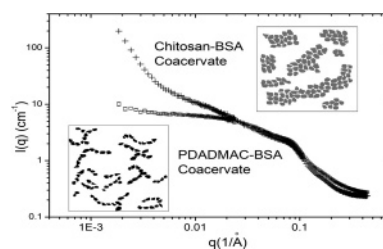
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Xiuqiang Zhang, Jingguo Li, Wen Li, and Afang Zhang*



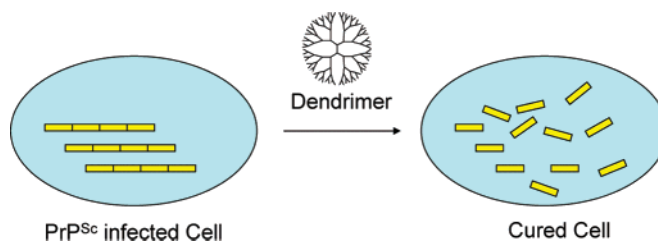
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A. Basak Kayitmazer,* Sabina P. Strand, Christophe Tribet, Werner Jaeger, and Paul L. Dubin*



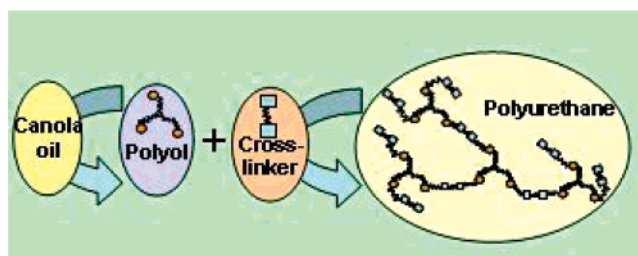
3578 Guanidino- and Urea-Modified Dendrimers as Potent Solubilizers of Misfolded Prion Protein Aggregates under Non-cytotoxic Conditions. Dependence on Dendrimer Generation and Surface Charge

Henriette Cordes, Ulrik Boas,*
Panchale Olsen, and Peter M. H. Heegaard



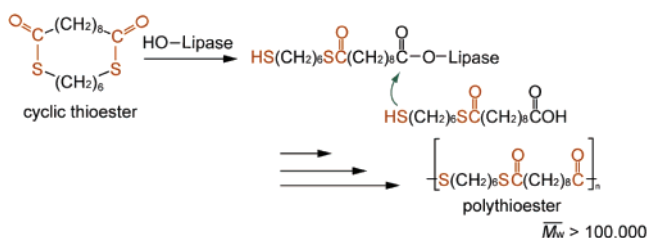
3584 Physical Properties of Canola Oil Based Polyurethane Networks

Xiaohua Kong, Jin Yue, and Suresh S. Narine*



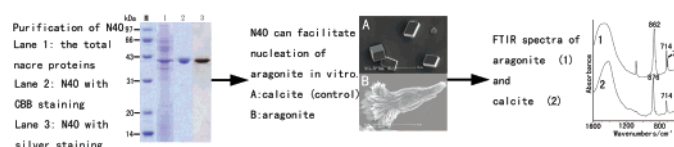
3590 Enzymatic Synthesis of Polythioester by the Ring-Opening Polymerization of Cyclic Thioester

Makoto Kato, Kazunobu Toshima, and
Shuichi Matsumura*



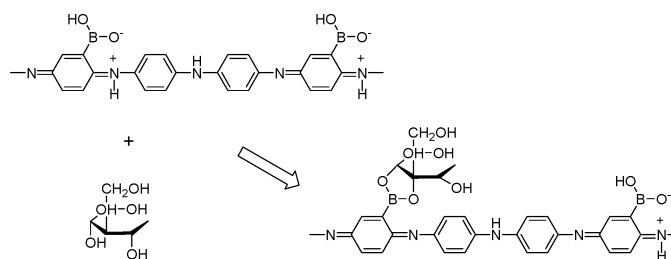
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Zhenguang Yan, Gu Jing, Ningping Gong,
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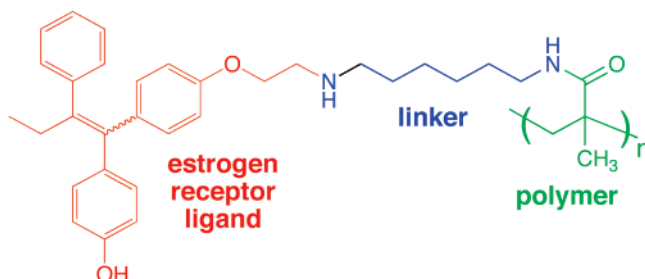
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Yanping Wang, Jagdeep Singh,
Jayant Kumar,* Lynne A Samuelson,*
Bong-Soo Kim, Nam-Ju Jo, and Jang-Oo Lee*



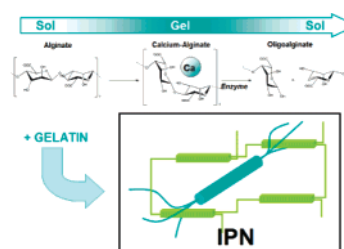
3608 Synthesis and Characterization of Bioactive ■ Tamoxifen-Conjugated Polymers

Emily L. Rickert, Joseph P. Trebley,
Anton C. Peterson, Melinda M. Morrell, and
Ross V. Weatherman*



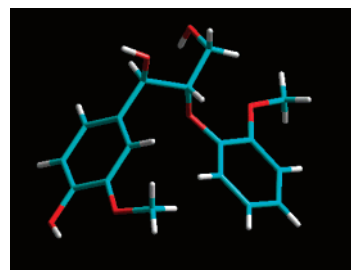
3613 Enzyme-Catalyzed Phase Transition of ■ Alginate Gels and Gelatin–Alginate Interpenetrated Networks

Bastien Doumèche, Julien Picard, and
Véronique Larreta-Garde*



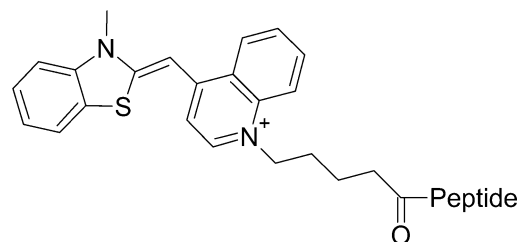
3619 Quantum Chemical Determination of Young's Modulus of Lignin. Calculations on a β -O-4' Model Compound

Thomas Elder



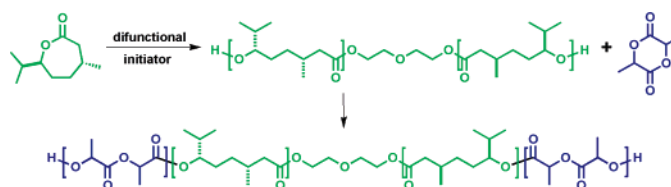
3628 Spectral Properties and DNA Targeting Features of a Thiazole Orange–Peptide Bioconjugate

Martin Thompson



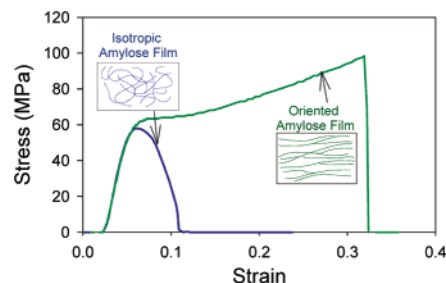
3634 Renewable-Resource Thermoplastic ■ Elastomers Based on Polylactide and Polymenthide

Carolyn L. Wanamaker, Leslie E. O'Leary,
Nathaniel A. Lynd, Marc A. Hillmyer,* and
William B. Tolman*

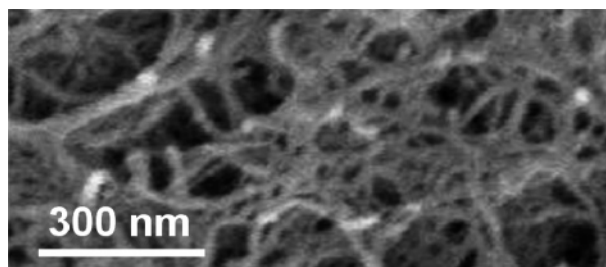


3641 Effect of Orientation on the Physical Properties of Potato Amylose and High-Amylose Corn Starch Films

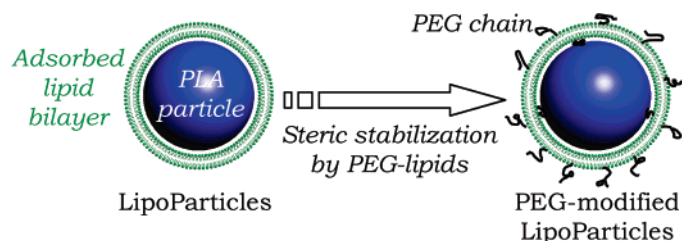
Randal Shogren

**3646 Accessibility of the Functional Groups of Chitosan Aerogel Probed by FT-IR-Monitored Deuteration**

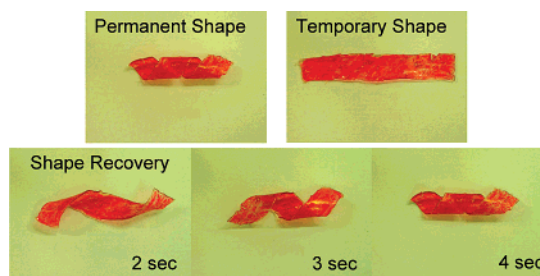
Romain Valentin, Barbara Bonelli, Edoardo Garrone, Francesco Di Renzo,* and Françoise Quignard

**3651 Steric Stabilization of Lipid/Polymer Particle Assemblies by Poly(ethylene glycol)-Lipids**

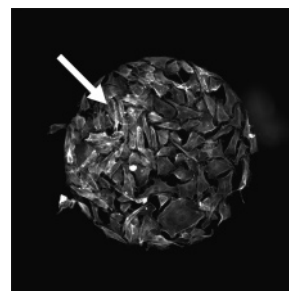
Julie Thevenot, Anne-Lise Troutier, Laurent David, Thierry Delair, and Catherine Ladavière*

**3661 Shape Memory Behavior of Novel (L-Lactide–Glycolide–Trimethylene Carbonate) Terpolymers**

Elisa Zini, Mariastella Scandola,* Piotr Dobrzynski, Janusz Kasprczyk, and Maciej Bero

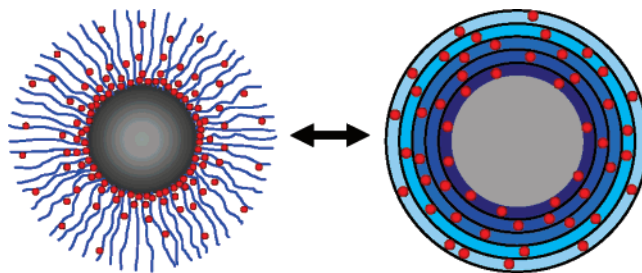
**3668 Bioactive Microarrays Immobilized on Low-Fouling Surfaces to Study Specific Endothelial Cell Adhesion**

Emmanuelle Monchaux and Patrick Vermette*



3674 Adsorption of Bovine Hemoglobin onto Spherical Polyelectrolyte Brushes Monitored by Small-Angle X-ray Scattering and Fourier Transform Infrared Spectroscopy

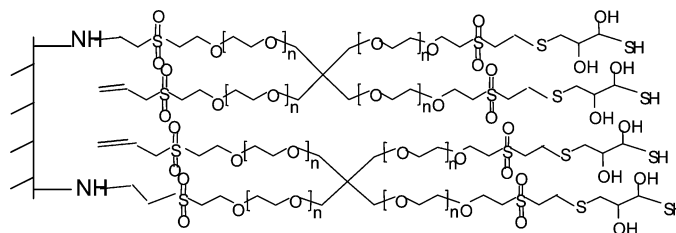
Katja Henzler, Alexander Wittemann,*
Eugenia Breininger, Matthias Ballauff, and
Sabine Rosenfeldt*



Notes

3682 Thin Polymer Layers Formed Using Multiarm Poly(ethylene glycol) Vinylsulfone by a Covalent Layer-by-Layer Method

Jinku Kim, Bradley K. Wacker, and
Donald L. Elbert*



■ Supporting Information is available free of charge via the Internet at <http://pubs.acs.org>.

* In papers with more than one author, the asterisk indicates the name of the author to whom inquiries about the paper should be addressed.