

**Polymer Vol. 50, No. 22, 20 October 2009**

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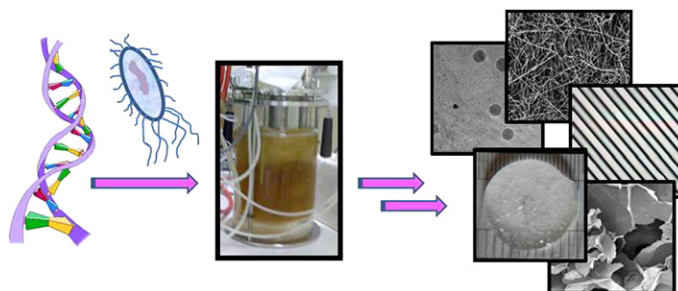
**FEATURE ARTICLE**

**“Recombinamers” as advanced materials for the post-oil age**

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J. Carlos Rodríguez Cabello<sup>\*</sup>, Laura Martín, Matilde Alonso,  
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**POLYMER COMMUNICATION**

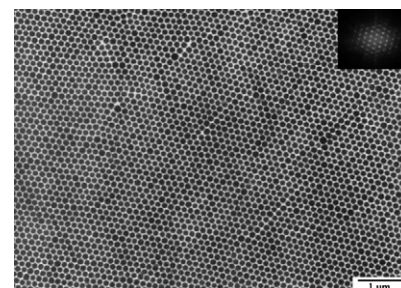
**Controlled organization of self-assembled rod-coil block copolymer micelles**

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Xiaofang Chen<sup>a</sup>, Qifeng Zhou<sup>a, \*</sup>, Xinhua Wan<sup>a, \*\*</sup>, Frank W. Harris<sup>b</sup>, Stephen Z.D. Cheng<sup>b, \*\*\*</sup>

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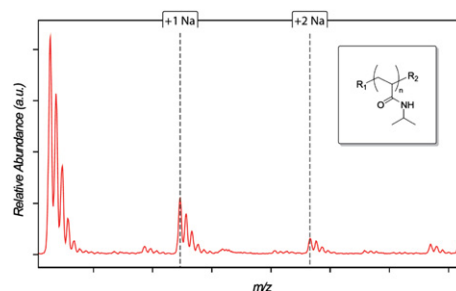
<sup>b</sup> *The Maurice Morton Institute and Department of Polymer Science, The University of Akron,  
Akron, OH 44325, USA*



## POLYMER PAPERS

**The incorporation of metal cations into polymer backbones: An important consideration in the interpretation of ESI-MS spectra**

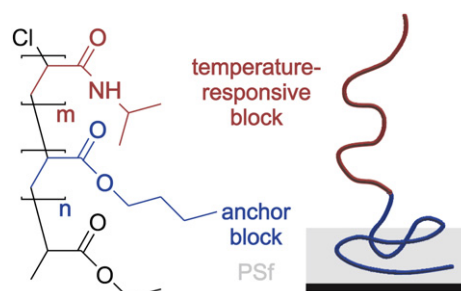
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Gene Hart Smith<sup>a,b</sup>, Christopher Barner Kowollik<sup>a,\*</sup><sup>a</sup> Preparative Macromolecular Chemistry, Institut für Technische Chemie und Polymerchemie, Karlsruhe Institute of Technology (KIT), Engesserstraße 18, 76128 Karlsruhe, Germany<sup>b</sup> UNSW Analytical Centre, Chemical Sciences Building, The University of New South Wales, Sydney, NSW 2052, Australia**Synthesis of block copolymers for surface functionalization with stimuli-responsive macromolecules**

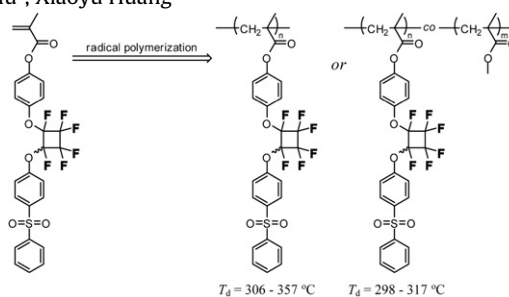
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Eva Berndt, Mathias Ulbricht\*

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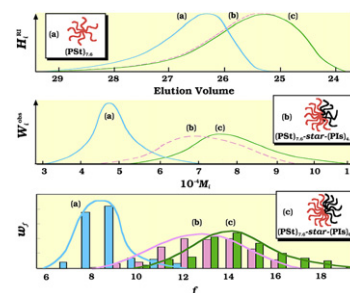
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Kazunori Se<sup>\*</sup>, Akira Yoshizawa

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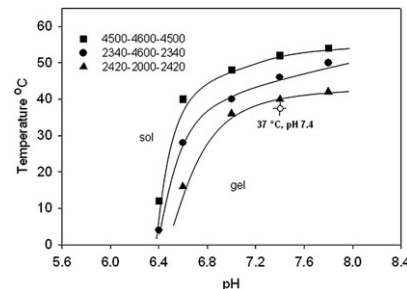


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Minh Khanh Nguyen, Cong Truc Huynh, Doo Sung Lee\*

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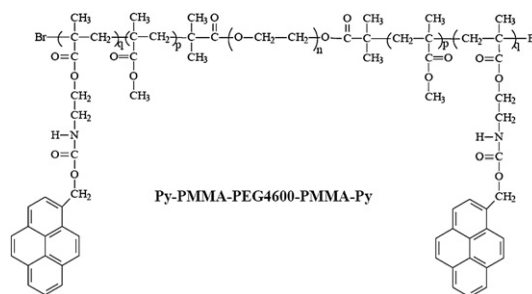
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Wen Hsiang Chen<sup>a</sup>, Der Jang Liaw<sup>a,\*</sup>, Kun Li Wang<sup>b</sup>, Kueir Rarn Lee<sup>c</sup>, Juin Yih Lai<sup>c</sup>

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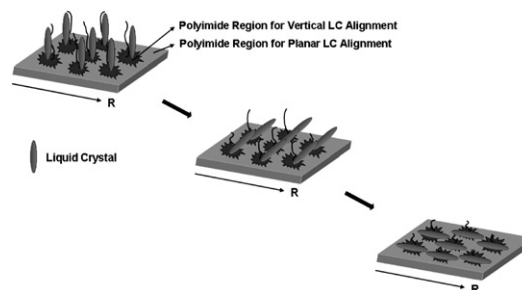
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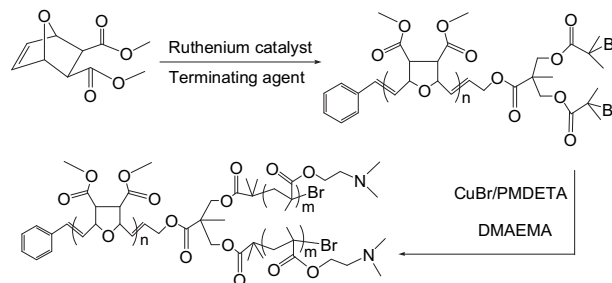


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Jingwei Liu, Jinxin Li, Meiran Xie\*, Liang Ding, Dan Yang, Liya Zhang

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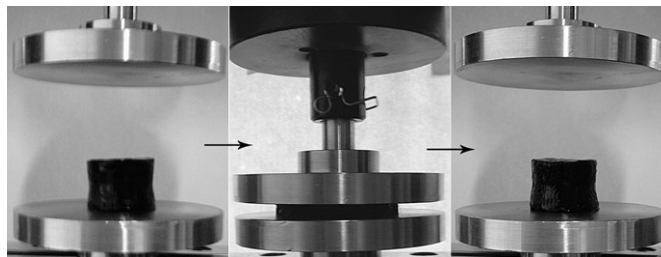


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Tingyang Dai, Xutang Qing, Yun Lu\*, Youyi Xia

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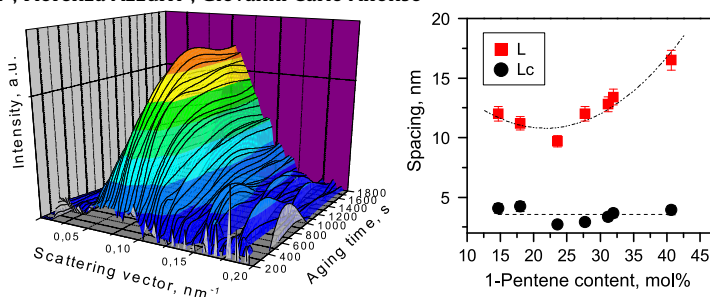
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Paola Stagnaro<sup>a,\*</sup>, Luca Boragno<sup>a,c</sup>, Maurizio Canetti<sup>b</sup>, Fabrizio Forlini<sup>b</sup>, Fiorenza Azzurri<sup>a</sup>, Giovanni Carlo Alfonso<sup>c</sup>

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**Ultra-thin films of cationic amphiphilic poly(2-(dimethylamino)ethyl methacrylate) based block copolymers as surface wettability modifiers**

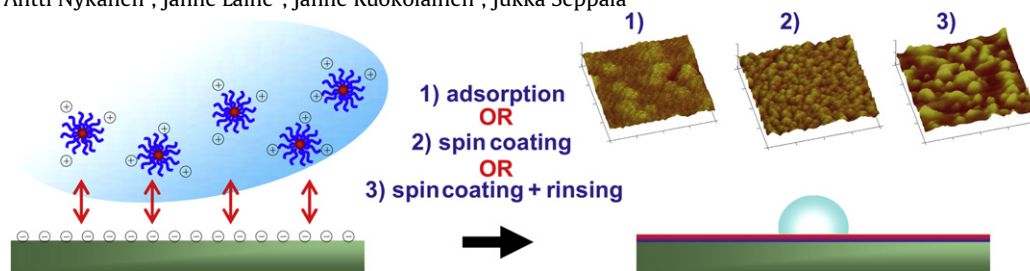
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Leena Nurmi<sup>a</sup>, Susanna Holappa<sup>b,\*</sup>, Antti Nykänen<sup>c</sup>, Janne Laine<sup>b</sup>, Janne Ruokolainen<sup>c</sup>, Jukka Seppälä<sup>a,\*\*</sup>

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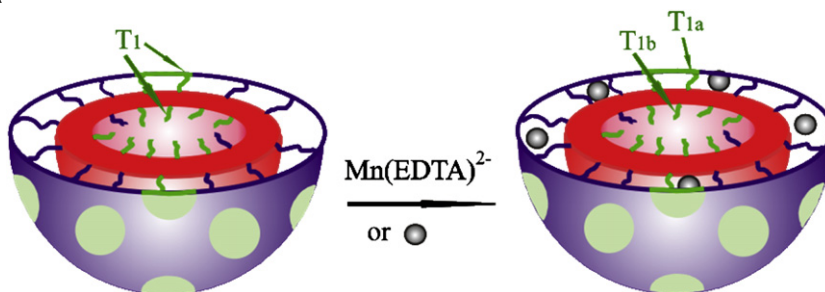
<sup>c</sup> Department of Applied Physics, Helsinki University of Technology, P.O. Box 5100, FI 02015 TKK, Finland

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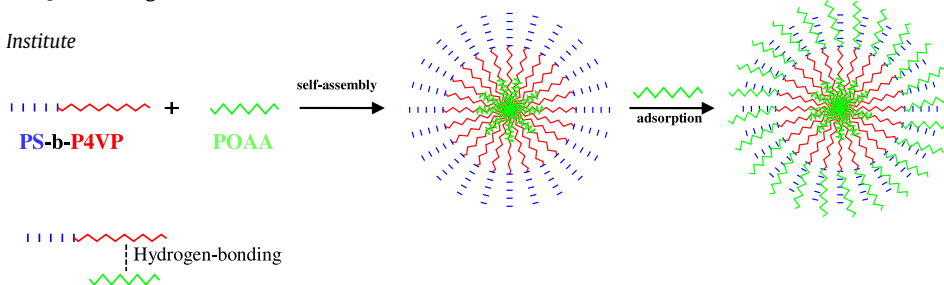
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Chao Wang<sup>a,b</sup>, Tingmei Wang<sup>a,\*</sup>, Xianqiang Pei<sup>a</sup>, Qihua Wang<sup>a,\*</sup>

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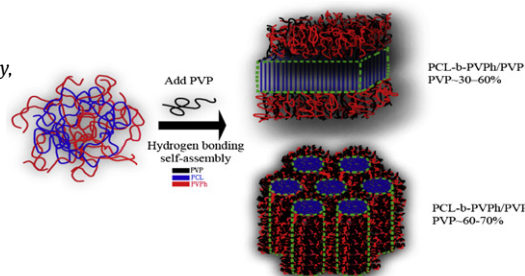
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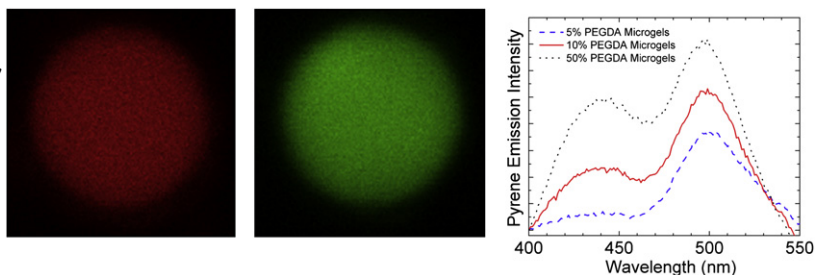
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Cathy Chu<sup>a,b</sup>, Brian W. Schaefer<sup>a</sup>, Ross J. DeVolder<sup>a</sup>, Hyunjoon Kong<sup>a,b,\*</sup>

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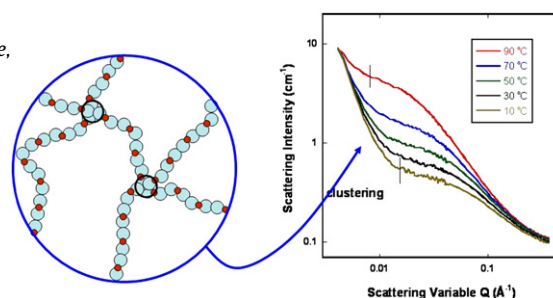


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Boualem Hammouda

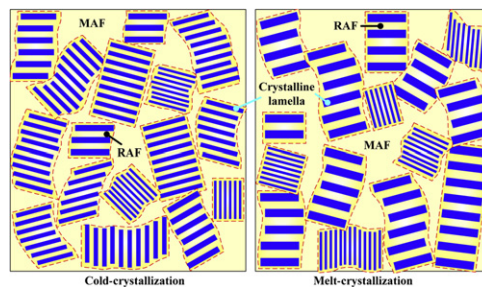
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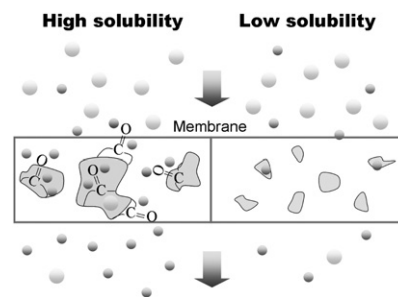
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Mei Ling Cheng<sup>a</sup>, Yi Ming Sun<sup>a,b,\*</sup><sup>a</sup> Department of Chemical Engineering and Materials Science, Yuan Ze University, Chung Li, Taoyuan 32003, Taiwan<sup>b</sup> R&D Center for Membrane Technology, Chung Yuan University, Chung Li, Taoyuan 32023, Taiwan

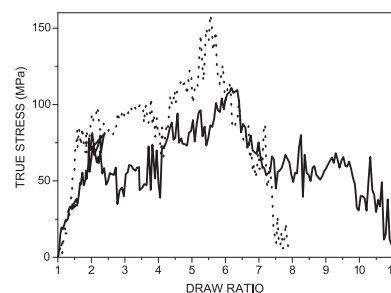
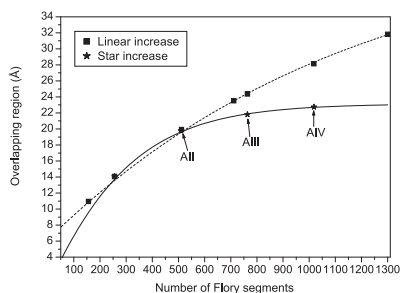
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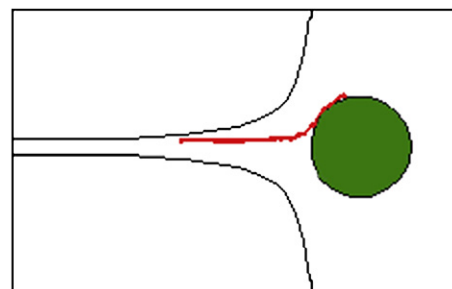
Georgios Kritikos<sup>a</sup>, Andreas F. Terzis<sup>a,b,\*</sup><sup>a</sup> Department of Physics, School of Natural Sciences, University of Patras, Rion, GR 26504 Patras, Greece<sup>b</sup> Department of Physics, University of Cyprus, 1678 Nicosia, Cyprus

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Zuo Chuncheng, Ji Feng<sup>\*</sup>, Cao Qianqian

College of Mechanical Science and Engineering, Jilin University, Changchun 130025, China

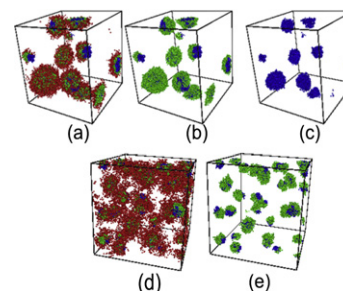


**Dissipative particle dynamics study on the multicompartment micelles self-assembled from the mixture of diblock copolymer poly(ethyl ethylene)-*block*-poly(ethylene oxide) and homopolymer poly(propylene oxide) in aqueous solution**

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