

Contents

Synthesis of Polypeptides by Ring-Opening Polymerization of α-Amino Acid <i>N</i>-Carboxyanhydrides	1
Jianjun Cheng and Timothy J. Deming	
Peptide Synthesis and Self-Assembly	27
S. Maude, L.R. Tai, R.P.W. Davies, B. Liu, S.A. Harris, P.J. Kocienski, and A. Aggeli	
Elastomeric Polypeptides	71
Mark B. van Eldijk, Christopher L. McGann, Kristi L. Kiick, and Jan C.M. van Hest	
Self-Assembled Polypeptide and Polypeptide Hybrid Vesicles: From Synthesis to Application	117
Uh-Joo Choe, Victor Z. Sun, James-Kevin Y. Tan, and Daniel T. Kamei	
Peptide-Based and Polypeptide-Based Hydrogels for Drug Delivery and Tissue Engineering	135
Aysegul Altunbas and Darrin J. Pochan	
Index	169



<http://www.springer.com/978-3-642-27138-0>

Peptide-Based Materials

Deming, T. (Ed.)

2012, XIV, 174 p., Hardcover

ISBN: 978-3-642-27138-0