

Publications de Pierre GUILLET – Liste des publications depuis 2009

- J. Brassinne et al. 2012. Tuning micellar morphology and rheological behaviour of metallo-supramolecular micellar gels. *Soft Matter* 8, 16 (2012), 4499–8. DOI:<http://dx.doi.org/10.1039/c2sm07442g>
- A. Can, S. Hoeppener, P. Guillet, J.-F. Gohy, R. Hoogenboom, and U.S. Schubert. 2011. Upper critical solution temperature switchable micelles based on polystyrene-block-poly(methyl acrylate) block copolymers. *J. Polym. Sci. A Polym. Chem.* 49, 17 (September 2011), 3681–3687. DOI:<http://dx.doi.org/10.1002/pola.24803>
- N. Duhem et al. 2012. Tocot modified glycol chitosan for the oral delivery of poorly soluble drugs. *International Journal of Pharmaceutics* 423, 2 (February 2012), 452–460. DOI:<http://dx.doi.org/10.1016/j.ijpharm.2011.12.010>
- A.-S. Duwez, P. Guillet, C. Colard, J.-F. Gohy, and C.-A. Fustin. 2006. Dithioesters and Trithiocarbonates as Anchoring Groups for the “Grafting-To” Approach. *Macromolecules* 39, 8 (April 2006), 2729–2731. DOI:<http://dx.doi.org/10.1021/ma0602829>
- C.-A. Fustin et al. 2006. Tuning the Hydrophilicity of Gold Nanoparticles Tempered in Star Block Copolymers. *Langmuir* 22, 15 (July 2006), 6690–6695. DOI:<http://dx.doi.org/10.1021/la060758h>
- J.-F. Gohy et al. 2009. Self-organization of rod-coil tri- and tetra-arm star metallo-supramolecular block copolymers in selective solvents. *Soft Matter* 5, 15 (2009), 2954–8. DOI:<http://dx.doi.org/10.1039/b903111a>
- P. Guillet, C.-A. Fustin, B.G.G. Lohmeijer, U.S. Schubert, and J.-F. Gohy. 2006. Study of the Influence of the Metal–Ligand Complex on the Size of Aqueous Metallo-Supramolecular Micelles. *Macromolecules* 39, 16 (August 2006), 5484–5488. DOI:<http://dx.doi.org/10.1021/ma060929p>
- P. Guillet, C.-A. Fustin, C. Mugemana, C. Ott, U.S. Schubert, and J.-F. Gohy. 2008. Tuning block copolymer micelles by metal–ligand interactions. *Soft Matter* 4, 11 (2008), 2278–5. DOI:<http://dx.doi.org/10.1039/b808280d>
- P. Guillet, C.-A. Fustin, D. Wouters, S. Hoeppener, U.S. Schubert, and J.-F. Gohy. 2009. Amphiphilic brushes from metallo-supramolecular block copolymers. *Soft Matter* 5, 7 (2009), 1460–6. DOI:<http://dx.doi.org/10.1039/b817320f>
- P. Guillet, C. Mugemana, et al. 2009. Connecting micelles by metallo-supramolecular interactions: towards stimuli responsive hierarchical materials. *Soft Matter* 5, 18 (2009), 3409–4. DOI:<http://dx.doi.org/10.1039/b910325b>
- H. Huang et al. 2006. Solvent-Induced Morphological Transition in Core-Cross-Linked Block Copolymer Micelles. *J. Am. Chem. Soc.* 128, 11 (March 2006), 3784–3788. DOI:<http://dx.doi.org/10.1021/ja057762k>
- F. Legrand, C. Breyton, P. Guillet, C. Ebel, and G. Durand. 2016. Hybrid Fluorinated and Hydrogenated Double-Chain Surfactants for Handling Membrane Proteins. *J. Org. Chem.* 81, 2 (January 2016), 681–688. DOI:<http://dx.doi.org/10.1021/acs.joc.5b02137>
- C. Mugemana et al. 2013. Structure of Metallo-Supramolecular Micellar Gels. *Macromol. Chem.*

*Phys.* 214, 15 (August 2013), 1699–1709. DOI:<http://dx.doi.org/10.1002/macp.201300288>

- C. Mugemana, P. Guillet, C.-A. Fustin, and J.-F. Gohy. 2011. Metallo-supramolecular block copolymer micelles: recent achievements. *Soft Matter* 7, 8 (2011), 3673–6. DOI:<http://dx.doi.org/10.1039/c0sm01274b>
- C. Mugemana, P. Guillet, S. Hoeppener, U.S. Schubert, C.-A. Fustin, and J.-F. Gohy. 2010. Metallo-supramolecular diblock copolymers based on heteroleptic cobalt(iii) and nickel(ii) bis-terpyridine complexes. *Chem. Commun.* 46, 8 (2010), 1296–3. DOI:<http://dx.doi.org/10.1039/b923270b>
- J. Rolland, P. Guillet, J.-M. Schumers, N. Duhem, V. Préat, and J.-F. Gohy. 2012. Polyelectrolyte complex nanoparticles from chitosan and poly(acrylic acid) and Polystyrene- block-poly(acrylic acid). *J. Polym. Sci. A Polym. Chem.* 50, 21 (July 2012), 4484–4493. DOI:<http://dx.doi.org/10.1002/pola.26255>
- M. Rosselin et al. 2016. Divalent Amino-Acid-Based Amphiphilic Antioxidants: Synthesis, Self-Assembling Properties, and Biological Evaluation. *Bioconjug. Chem.* 27, 3 (March 2016), 772–781. DOI:<http://dx.doi.org/10.1021/acs.bioconjchem.6b00002>
- A. Vlad et al. 2009. Highly Ordered Conjugated Polymer Nanoarchitectures with Three-Dimensional Structural Control. *Nano Lett.* 9, 8 (August 2009), 2838–2843. DOI:<http://dx.doi.org/10.1021/nl9008937>