

Dr Samuel GUILLOT – Publication List

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Interfaces, Confinement, Matériaux et Nanostructures
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H 17 / 853 citations

- [35] A. Tidu, F. Méducin, A.-M. Faugère, **S. Guillot***
Influence of γ -lactones on monolinolein/water bulk and emulsified mesophases
Langmuir **2018**, 34, 13283-13287.
- [34] S. Serieye, F. Méducin, A. Tidu, **S. Guillot***
Incorporation of aromas in nanostructured monolinolein-based miniemulsions: a structural investigation
Colloids and Surfaces A: Physicochem. Eng. **2018**, 555, 802-808.
- [33] **S. Guillot***, F. Méducin, K. Poljak, V. Mallard, A. Foucault, S. Serieye, C. Pichon
Nanostructured monolinolein miniemulsions as delivery systems: role of the internal mesophase on cytotoxicity and cell internalization
International Journal of Pharmaceutics **2017**, 523, 142-150.
- [32] S. Serieye, F. Méducin, I. Milošević, L. Fu, **S. Guillot***
Interface tuning and stabilization of monoglycerides mesophase dispersions: food emulsifiers and mixtures efficiency
Journal of Colloid and Interface Science **2017**, 496, 26-34.
- [31] A. Hambardzumyan, F. Méducin, **S. Guillot**.
Contrôle d'évaporation des émulsions stabilisées avec la lignine
Brevet WO 2017/093185 ; Date de publication: 08.06.2017.
- [30] J.-L. Ansel, E. Lupo, L. Mijouin, **S. Guillot**, J.-F. Butaud, R. Ho, G. Lecellier, P. Raharivelomanana, C. Pichon
Biological activity of Polynesian calophyllum inophyllum oil extract on human skin cells
Planta Medica **2016**, 82, 961-966.
- [29] I. Milošević, **S. Guillot**, M. Tadić, M. Duttine, E. Duguet, K. Pierzchala, A. Sienkiewicz, L. Forró, M.-L. Saboungi
Loading and release of internally self-assembled emulsions embedded in a magnetic hydrogel

Applied Physics Letters **2014**, 104, 043701

- [28] L. Sagalowicz, **S. Guillot**, S. Acquistapace, B. Schmitt, M. Maurer, A. Yagmur, L. de Campo, M. Rouvet, M. Leser, O. Glatter
Influence of vitamin E acetate and other lipids on the phase behaviour of mesophases based on unsaturated monoglycerides
Langmuir **2013**, 29, 8222-8232
- [27] R. Naresh Mahaling, M. Vayer, **S. Guillot**, C. Sinturel
Oriented array of polyethylene-*block*-poly(ethylene oxide) nanoplatelets in unsaturated polyesters cross-linked coatings
European Polymer Journal **2011**, 47, 2277-2282
- [26] C. Zhou, D. Langevin, **S. Guillot***
Internal organization in polyelectrolytes/oppositely charged surfactants colloidal complexes anticipating precipitated nanostructures
European Physical Journal E: Soft Matter and Biological Physics **2011**, 34, 70
- [25] **S. Guillot**, S. Salentinig, A. Chemelli, L. Sagalowicz, M. E. Leser, O. Glatter
Influence of the stabilizer concentration on the internal liquid crystalline order and the size of oil-loaded monolinolein-based dispersions
Langmuir **2010**, 26, 6222-6229
- [24] M. Tomšič, **S. Guillot**, L. Sagalowicz, M. E. Leser, O. Glatter
Internally self-assembled thermoreversible gelling emulsions: ISAsomes in methylcellulose, κ -carrageenan, and mixed hydrogels
Langmuir **2009**, 25, 9525-9534
- [23] **S. Guillot***, F. Bergaya, C. de Azevedo, F. Warmont, J.-F. Tranchant
Internally structured Pickering emulsions stabilized by clay mineral particles
Journal of Colloid and Interface Science **2009**, 333, 563-569
- [22] I. Milošević, V. Mauroy, H. Dabboue, S. Serieye, F. Warmont, J.-P. Salvétat, M.-L. Saboungi, **S. Guillot***
Synthesis and size control of polystyrene nanoparticles via « liquid crystalline » nanoemulsion
Microporous and Mesoporous Materials **2009**, 120, 7-11
- [21] **S. Guillot***, A. Chemelli, S. Bhattacharyya, F. Warmont, O. Glatter
Ordered structures in carboxymethylcellulose-cationic surfactants-copper ions precipitated phases: in-situ formation of copper nanoparticles
Journal of Physical Chemistry B **2009**, 113, 15-23
- [20] **S. Guillot**, M. Tomšič, L. Sagalowicz, M. E. Leser, O. Glatter
Internally self-assembled particles entrapped in thermosensitive hydrogels
Journal of Colloid and Interface Science **2009**, 330, 175-179
- [19] A. Swami, G. Espinosa, **S. Guillot**, E. Raspaud, F. Boué, D. Langevin

Confinement of DNA in water-in-oil microemulsions

Langmuir **2008**, 24, 11828-11833

- [18] S. Salentinig, A. Yaghmur, **S. Guillot**, O. Glatter
Preparation of highly concentrated nanostructured dispersions of controlled size
Journal of Colloid and Interface Science **2008**, 326, 211-220
- [17] S. Bhattacharrya, **S. Guillot**, H. Dabboue, J.-F. Tranchant, J.-P. Salvetat
Carbon nanotubes as structural nanofibers for hyaluronic acid hydrogel scaffolds
Biomacromolecules **2008**, 9, 505-509
- [16] M. Leser, L. Sagalowicz, M. Michel, **S. Guillot**, O. Glatter, M. Tomšič
Oil-in-water emulsion for creating new product consistencies
Brevet WO 2007/060174 ; Date de publication: 31.05.2007
- [15] S. Trabelsi, P.-A. Albouy, M. Impérator-Clerc, **S. Guillot**, D. Langevin
X-ray diffraction study of the structure of carboxymethylcellulose-cationic surfactants complexes
ChemPhysChem **2007**, 8, 2379-2385
- [14] M. Pouzot, R. Mezzenga, M.E. Leser, L. Sagalowicz, **S. Guillot**, O. Glatter
Structural and rheological investigation of Fd3m inverse micellar cubic phases
Langmuir **2007**, 23, 9618-9628
- [13] A. Salonen, **S. Guillot**, O. Glatter
Determination of water content in internally self-assembled monoglyceride-based dispersions from the bulk phase
Langmuir **2007**, 23, 9151-9154
- [12] S. Trabelsi, **S. Guillot**, H. Ritacco, F. Boué, D. Langevin
Nanostructures of colloidal complexes formed in oppositely charged polyelectrolyte/surfactant dilute aqueous solutions
European Physical Journal E: Soft Matter **2007**, 23, 305-311
- [11] **S. Guillot**, A. Yaghmur, L. de Campo, S. Salentinig, L. Sagalowicz, M.E. Leser, H.J. Watzke, O. Glatter
Self-assembled liquid particles: how to modulate their internal structure
Dans *Food Colloids: Self-assembly and material science*, p69-85, Chapter 5, **2007**. Ed. E.Dickinson & M. Leser, RCS Publishing. ISBN: 0854042717
- [10] C. Moitzi, **S. Guillot**, G. Fritz, S. Salentinig, O. Glatter
Phase reorganization in self-assembled systems through interparticle material transfer
Advanced Materials **2007**, 19, 1352-1358
- [9] **S. Guillot**, C. Moitzi, S. Salentinig, L. Sagalowicz, M.E. Leser, O. Glatter
Direct and indirect thermal transitions from hexosomes to emulsified micro-emulsions in oil-loaded monoglyceride-based particles

Colloids and Surfaces A: Physicochem. Eng. **2006**, 291, 78-84

- [8] S. Trabelsi, **S. Guillot**, E. Raspaud, M. Delsanti, D. Langevin, F. Boué
New monodisperse nano and microparticles with liquid crystalline-like interior
Advanced Materials **2006**, 18, 2403-2406
- [7] C. Faure, **S. Guillot**, P. Weisbecker, H. Saadaoui
Multilamellar-vesicle-assisted electrodeposition of inorganic nanodots
Advanced Materials **2006**, 18, 1141-1146
- [6] N. Jain, S. Trabelsi, **S. Guillot**, D. McLoughlin, D. Langevin, M. Turmine, P. Letellier
Critical aggregation concentration in mixed solutions of anionic polyelectrolytes and cationic surfactants
Langmuir **2004**, 20, 8496-8503
- [5] C. Márquez Beltrán, **S. Guillot**, D. Langevin
Stratification phenomena in thin liquid films containing polyelectrolytes and stabilized by ionic surfactant
Macromolecules **2003**, 36, 22, 8506-8512
- [4] **S. Guillot**, D. McLoughlin, N. Jain, M. Delsanti, D. Langevin
Polyelectrolyte-surfactants complexes at interfaces and in bulk
Journal of Physics: Condensed Matter **2003**, 15, 1, S219-224
- [3] **S. Guillot**, M. Delsanti, S. Désert, D. Langevin
Surfactant-induced collapse of polymer chains and monodisperse growth of aggregates near the precipitation boundary in CarboxyMethylCellulose-DTAB aqueous solutions
Langmuir **2003**, 19, 2, 230-237
- [2] **S. Guillot**, D. Guibert, M.A.V. Axelos
Dynamic surface tension and surface dilational properties of an amphiphilic polysaccharide
Book of proceeding of the 2nd Workshop on Plant Biopolymer Science: food and non food applications **2002**, 166-172
- [1] **S. Guillot**, D. Lairez, M.A.V. Axelos
Non-self similar aggregation of methylcellulose
Journal of Applied Crystallography **2000**, 33, 669-672