

Septembre 10 September



Centre de recherche sur les matériaux auto-assemblés
Centre for self-assembled chemical structures

Volume 20

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1)

Colloque Étudiant du CRMAA CSACS Student Symposium

Conférenciers / Speakers

Annik Brosseau, FQRNT
Bourses et Subventions 2010/11

Bin Huang (van de Ven)
Multilayered polymer nanotubes and their dispersions

Amine Fourati (Bazuin)
Autoassemblage de sondes moléculaires pour la détection...

Andrea Greschner (Sleiman)
The Effect of Synthetic Molecules on DNA Self-Assembly...

Blythe Fortier-McGill (Reven)
¹H and ¹³C MAS NMR Study of the Hydrogen Bond Network ...

Xin Wang (Bazuin)
Study on supramolecular, photo-responsive, recyclable elastomers

Olivier R. Bolduc (Masson)
Extending peptide based self-assembled monolayers ...

Yuping Zhang (Andrews)
Liquid Crystal Phase Formation in Nano Crystal Cellulose ...

Jonathan Hiltz (Andrews)
Nanoplasmonic Phytoliths

Eric Dionne (Mauzeroll)
Electrochemical Study of Binary Ferrocene Alkylthiol ...

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6e Colloque Étudiant 6th Student Symposium



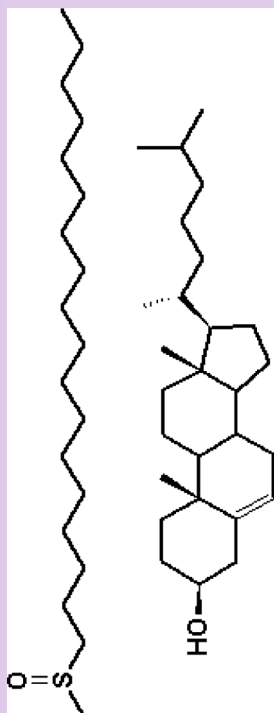
Université 
de Montréal

J.-Armand-Bombardier

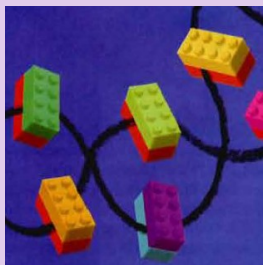


Le mardi
14 septembre
Tuesday,
September 14

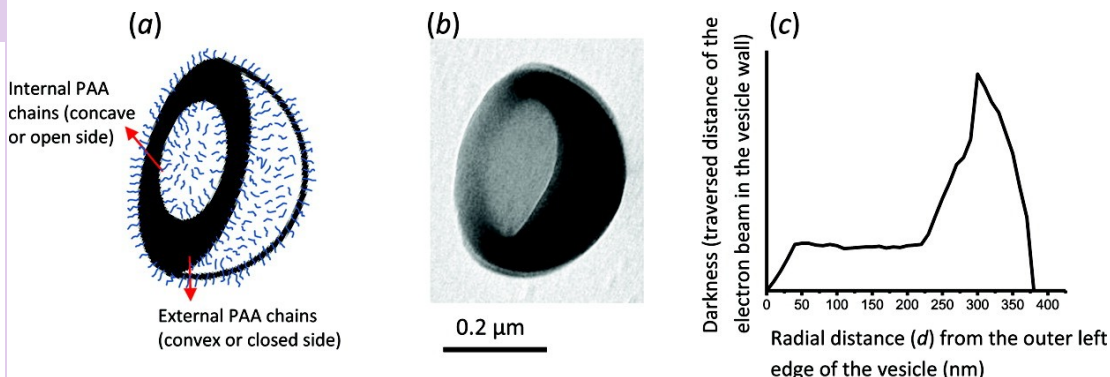
2) Publications



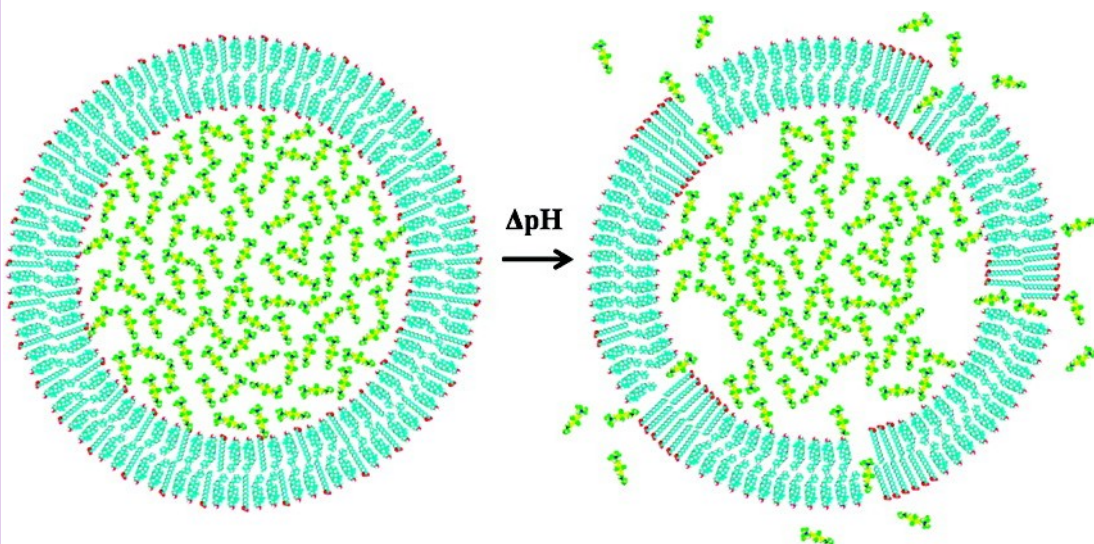
Chemical formula of OMSO and cholesterol. [Langmuir](#) (Lafleur)



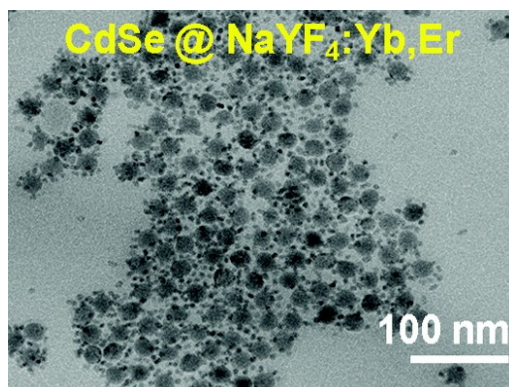
L'ADN en lego
Juin -Juillet 2010
[Quebec Science](#)
(Sleiman)



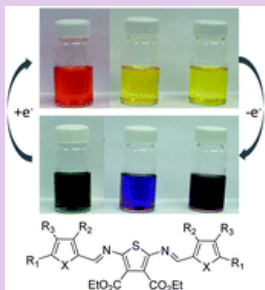
Tony Azzam and Adi Eisenberg, [Fully Collapsed \(Kippah\) Vesicles: Preparation and Characterization](#). *Langmuir*, 2010, 26 (13), pp 10513–10523



Thida Phoeung, Pauline Aubron, Gauthier Rydzek and Michel Lafleur, [pH-Triggered Release from Nonphospholipid LUVs Modulated by the pKa of the Included Fatty Acid](#). *Langmuir*, 2010, 26 (15), pp 12769–12776.

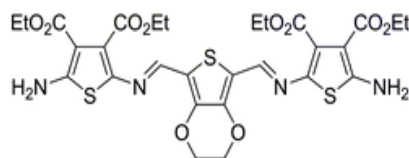
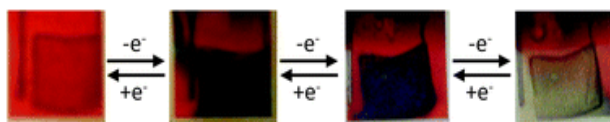


Chenglin Yan, Afshin Dadvand, Federico Rosei and Dmitrii F. Perepichka, [Near-IR Photoresponse in New Up-Converting CdSe/NaYF₄:Yb,Er Nanoheterostructures](#). *J. Am. Chem. Soc.*, 2010, 132 (26), pp 8868–8869

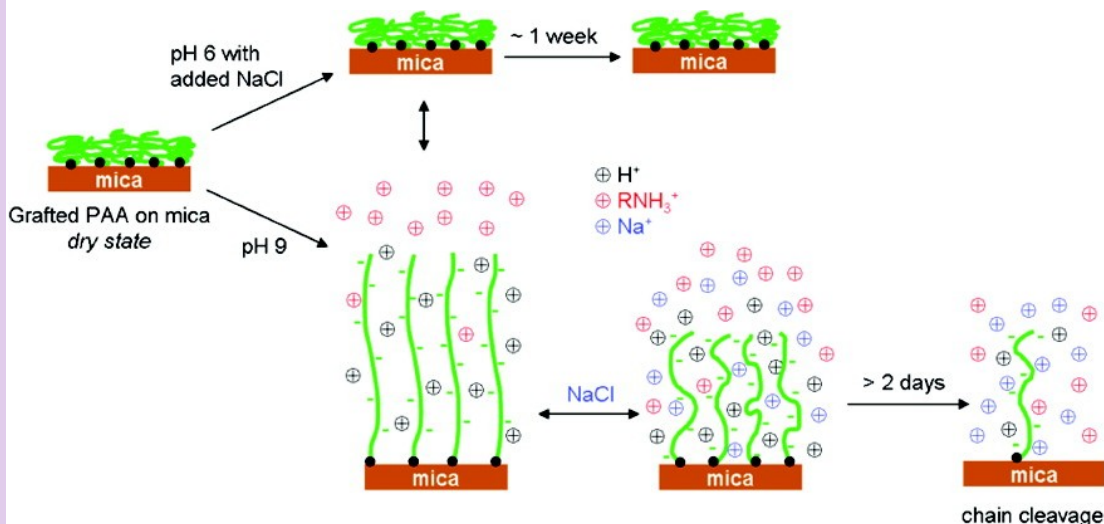


heterocyclic azomethines. *J. Mater. Chem.* (Skene)

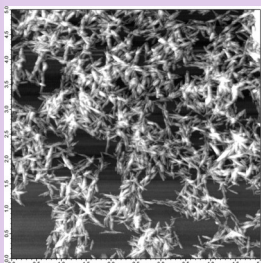
2) Publications con't



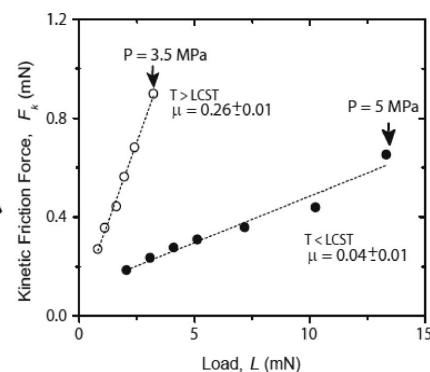
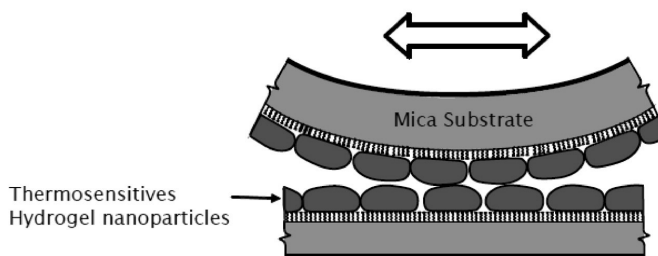
Andréanne Bolduc, Stéphane Dufresne and W. G. Skene. [EDOT-containing azomethine: an easily prepared electrochromically active material with tuneable colours.](#) *J. Mater. Chem.*, 2010, 20, 4820 - 4826



Batrice Lego, W. G. Skene and Suzanne Giasson, [Swelling Study of Responsive Polyelectrolyte Brushes Grafted from Mica Substrates: Effect of pH, Salt, and Grafting Density.](#) *Macromolecules*, 2010, 43 (9), pp 4384–4393.

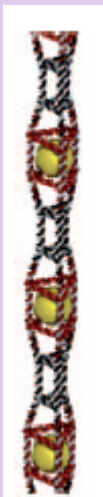


AFM of NCC suspensions. *Langmuir* (Gray)



Xavier Banquy, Eric Charrault and Suzanne Giasson, [Normal and Lateral Interactions between Thermosensitive Nanoparticle Monolayers in Water.](#) *J. Phys. Chem. B*, 2010, 114 (30), pp 9721–9728

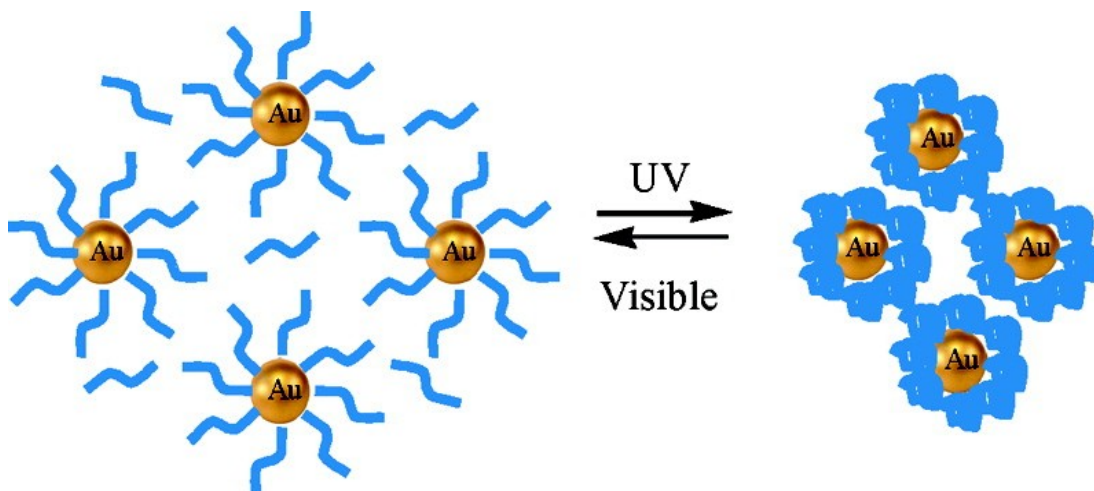
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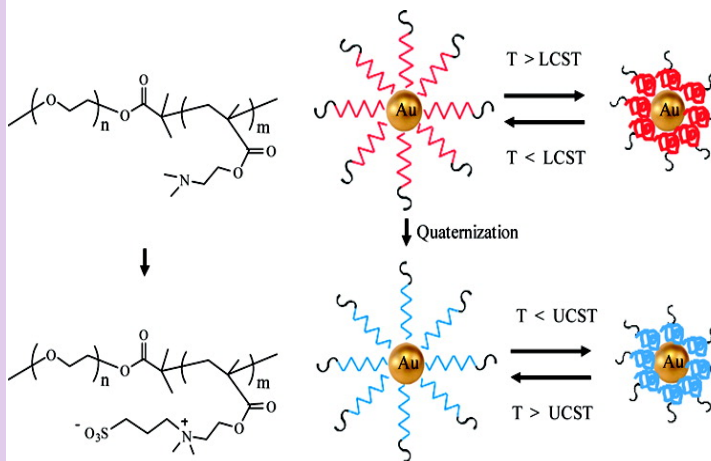
Triangular DNA nanotubes. [Nature](#) (Sleiman)



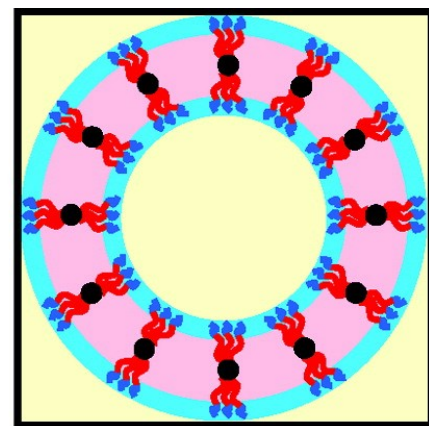
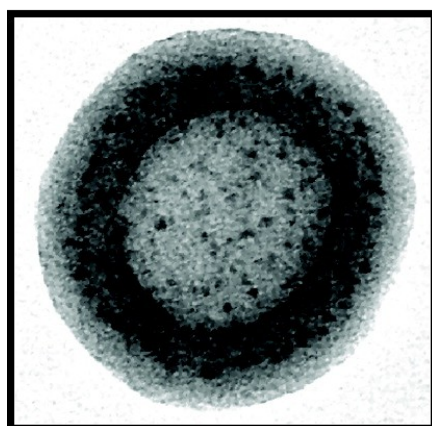
Gold nanoparticles-encapsulated [JACS](#) (Sleiman)



Abdelghani Housni, Yi Zhao and Yue **Zhao**, [Using Polymers To Photoswitch the Aggregation State of Gold Nanoparticles in Aqueous Solution](#). *Langmuir*, 2010, 26 (14), pp 12366–12370.

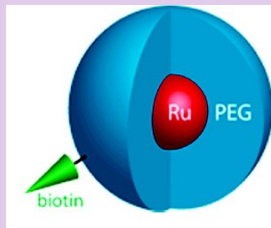


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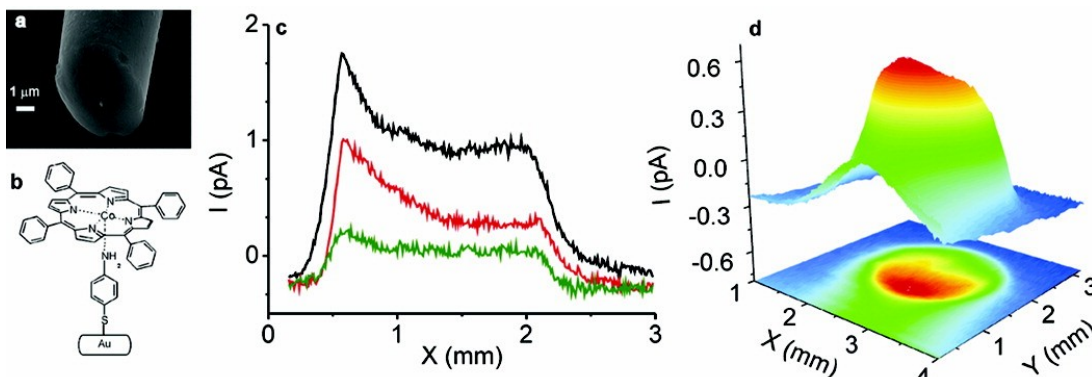


Yiyong Mai and Adi **Eisenberg**, [Controlled Incorporation of Particles into the Central Portion of Vesicle Walls](#). *J. Am. Chem. Soc.*, 2010, 132 (29), pp 10078–10084

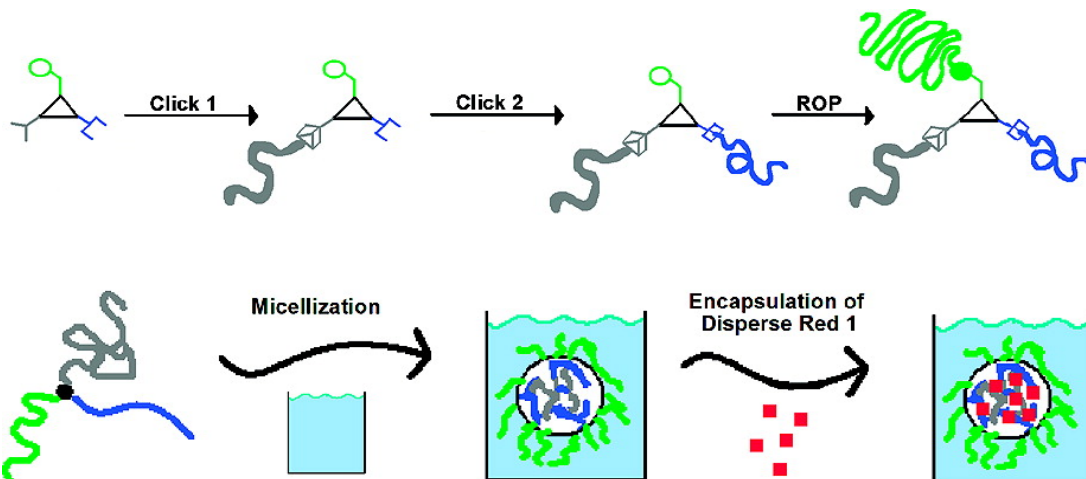
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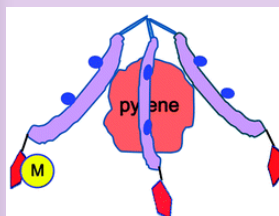
Self-assembly of block copolymers. [Macro-molecules](#) (Sleiman).



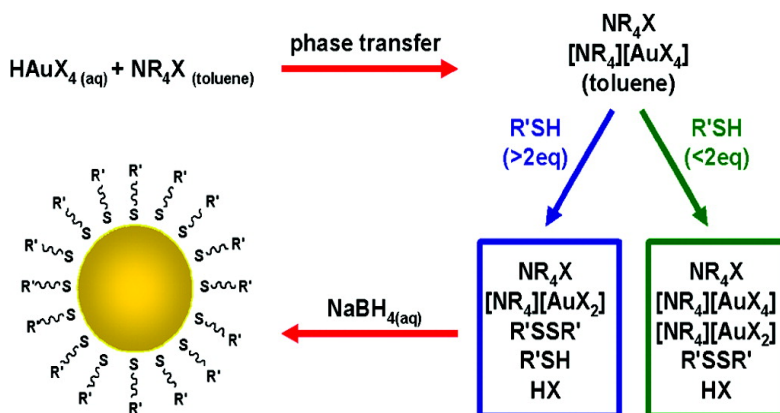
Mohamed A. Mezour, Renaud Cornut, Emad Mohamed Hussien, Mario Morin and Janine **Mauzeroll**, [Detection of Hydrogen Peroxide Produced during the Oxygen Reduction Reaction at Self-Assembled Thiol–Porphyrin Monolayers on Gold using SECM and Nanoelectrodes](#). *Langmuir*, 2010, 26 (15), pp 13000–13006.



Kunal Khanna[†], Sunil Varshney[‡] and Ashok **Kakkar**, [Designing Miktoarm Polymers Using a Combination of “Click” Reactions in Sequence with Ring-Opening Polymerization](#). *Macromolecules*, 2010, 43 (13), pp 5688–5698.



Coordination of molecular pockets. [Langmuir](#) (Zhu).



Paul J. G. Goulet and R. Bruce **Lennox**, [New Insights into Brust–Schiffrin Metal Nanoparticle Synthesis](#). *J. Am. Chem. Soc.*, 2010, 132 (28), pp 9582–9584

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Autres / Others

Damien Maillard and Robert E. **Prud'homme**, [Differences Between Crystals Obtained in PLLA-Rich or PDLA-Rich Stereocomplex Mixtures](#). *Macromolecules*, 2010, 43 (9), pp 4006–4010

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Ghareb M. Soliman, Rishi Sharma, Angela O. Choia, Sunil K. Varshney, Françoise M. **Winnik**, Ashok K. **Kakkar**, , and Dusica Maysinger, [Tailoring the efficacy of nimodipine drug delivery using nanocarriers based on A2B miktoarm star polymers](#). *Biomaterials*, 2010.

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Anna Lisa Lucido, Gopakumar Gopalakrishnan, Patricia T. Yam, David R. Colman, and R. Bruce **Lennox**, Isolation of Functional Presynaptic Complexes from CNS Neurons: A Cell-Free Preparation for the Study of Presynaptic Compartments In Vitro. *ACS Chem. Neurosci*.

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