



DNA hybrid copolymers

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To enable solving critical biological and medical issues through the observation and manipulation of biochemical mechanisms, we are developing DNA hybrid copolymers, which self-assemble in aqueous solution and crystallize on surfaces.

Relying on the achievement of a general mechanism of the association of these macromolecules to develop functional materials in the future, we are currently focusing on reaching a comprehensive understanding of the organization of the resulting nanostructures to ultimately establish the general process of the organization of these peculiar macromolecules which undergo specific interactions such as biological recognition.



*Crystallisation of chitosan-DNA hybrids
on a gold surface as observed by
atomic force microscopy*

Conférence présentée le

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Université de Genève – Bâtiment Sciences II
Auditoire A. Pictet – A100
30, quai Ernest-Ansermet, Genève

La conférence est publique

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