

Article

Role of electrostatic interactions on supramolecular organization in calf-thymus DNA solutions under flow

L. Mónica Bravo-Anaya^{1,2}, Denis C. D. Roux¹, J. Félix Armando Soltero Martínez², Francisco Carvajal Ramos³, Frédéric Pignon¹, Oonagh Mannix⁴, Marguerite Rinaudo*⁵

Received: date; Accepted: date; Published: date

Academic Editor: name

¹ University Grenoble Alpes, CNRS, Grenoble INP, LRP, F-38000 Grenoble (France); monik_ayanami@hotmail.com, Denis.Roux@univ-grenoble-alpes.fr, frederic.pignon@univ-grenoble-alpes.fr

² Universidad de Guadalajara, Departamento de Ingeniería Química. Blvd. M. García Barragán #1451, C.P. 44430, Guadalajara, Jalisco (México); jfasm@hotmail.com

³ Universidad de Guadalajara, CUTonalá, Departamento de Ingenierías, Nuevo Periférico #555 Ejido San José Tatepozco, C.P. 45425, Tonalá, Jalisco (México); iq_fcr@yahoo.com.mx

⁴ European Synchrotron Radiation Facility, 38000 Grenoble (France); oonmannix@gmail.com

⁵ Biomaterials applications, 6 rue Lesdiguières, 38000 Grenoble (France); marguerite.rinaudo@sfr.fr

From figure 5: two videos for solutions in water and in 0.1M NaCl are available to download using the following dropbox links:

DNA 10 mg/mL H₂O

<https://www.dropbox.com/s/f4h4p2zeul0svl3/ADN10gperLH2O.avi?dl=0>

DNA 10 mg/mL 0.1 M NaCl

<https://www.dropbox.com/s/z7gz1cf5baxpj8/ADN10gpL01MNaCl.avi?dl=0>