

## Supporting Information

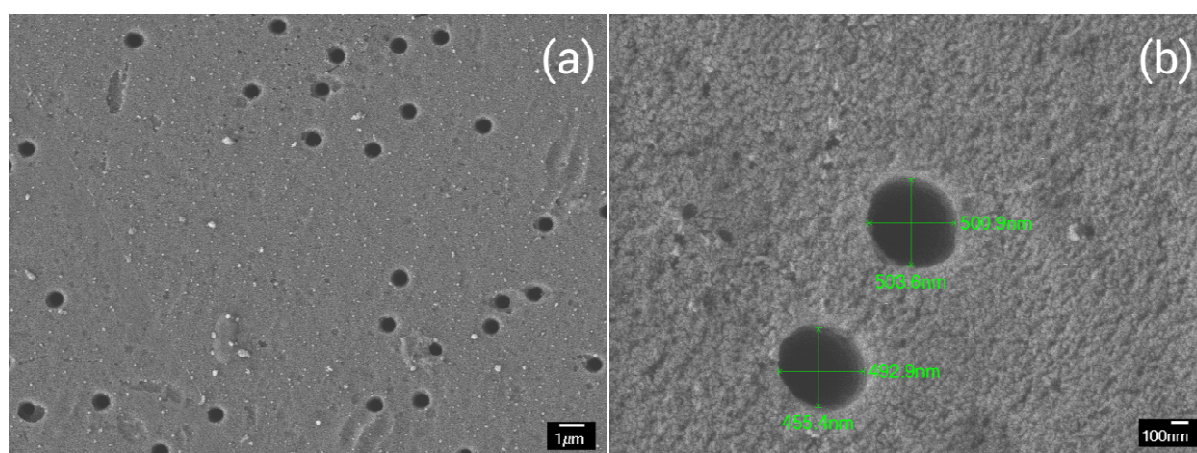
### A Noncovalent Approach Towards the Construction of Nanofluidic Diodes with pH-Reversible Rectifying Properties - Insights from Theory and Experiment

Gonzalo Pérez-Mitta<sup>1</sup>, Alberto Albesa<sup>1</sup>, Facundo M. Gilles<sup>1</sup>, María E. Toimil-Molares<sup>2</sup>,  
Christina Trautmann<sup>2,3</sup> and Omar Azzaroni<sup>1</sup>

<sup>1</sup>*Instituto de Investigaciones Fisicoquímicas Teóricas y Aplicadas (INIFTA), Departamento de Química, Facultad de Ciencias Exactas, Universidad Nacional de La Plata – CONICET – CC 16 Suc. 4 (1900) La Plata – Argentina*

<sup>2</sup>*GSI Helmholtz Centre for Heavy Ion Research GmbH – Darmstadt – Germany*

<sup>3</sup>*Technische Universität-Darmstadt – Darmstadt – Germany*



**Figure S1.** Scanning electron microscopy images taken at a magnification of  $\times 5000$  (a) and  $\times 35000$  (b).