**Immobilization of molecularly imprinted polymer nanoparticles in electrospun poly(vinylalcohol) nanofibers**

Silvia Piperno\(^1\*\), Bernadette Tse Sum Bui\(^2\), Karsten Haupt\(^2\*\) and Levi A. Gheber\(^1\*\)

\(^1\) Avram and Stella Goldstein-Goren Department of Biotechnology Engineering, Ben-Gurion University of the Negev, Beer-Sheva 84105, Israel

\(^2\) Compiègne University of Technology, UMR CNRS 6022, 60205 Compiègne, France

* Corresponding authors: karsten.haupt@utc.fr, glevi@bgu.ac.il

+ Present address: Department of Materials and Interfaces, Weizmann Institute of Science, Rehovot 76100, Israel

**Supplementary Information**

Figure S11. Images of electrospun fibers and embedded MIP nanoparticles. (A) Bright field image, (B) fluorescence image, and (C) overlay of the bright field and fluorescence images of electrospun PVA fibers containing MIP-NPs, imprinted for dansyl-L-Phe.
**Figure S12** Repeated binding experiment of dansyl-L-Phe at 1 mM to the MIP nanofibers. The reproducibility of binding-unbinding cycles is evident.