

# The versatility of solid-state nanopores as a single-biomolecule tool

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Nanopores offers many opportunities to contribute to biophysics and biotechnology, specifically sequencing. I will present examples of our work on solid-state nanopores that illustrate the impressive versatility of these single-molecule nanodetectors, from enabling plasmonic manipulation and current detection in graphene nanopores to extension to double pores and mimics of nuclear pore complexes.