ABSTRACT

In the present confusion on the question of COVID testing, paper microfluidic may very well change the game, by offering new outstandingly performing, portable, cheap, virologic tests. In another topics, the reason why, in general, particles clog small channels is now much better understood, thanks to studies performed in microfluidic systems. Interestingly, microparticles production in microdevices has much progressed over the years, and now, performances, in terms of throughput and quality, are interesting. I will show an example developed in the lab, concerning peptide delivery

Biography

Patrick Tabeling is Professor at the « Ecole Supérieure de Physique et de Chimie Industrielle de la Ville de Paris ». He is the Director of the Microfluidics, MEMS and Nanostructures at the Pierre Gilles de Gennes Institute for microfluidics in Paris (https://www.institut-pgg.com/) . He is the author of 200 peer reviewed articles and of the book “Introduction to microfluidics”.