

## CV Profile (max. 2 pages length)

1 *Naresh Yandrapalli*

### Research interests

My current research interests includes droplet microfluidics, emulsion technology, and drug delivery. I presently use microfluidics as a base technology to fore into and solve problems in different fields of science such as pharmaceuticals, chemistry and biophysics. Furthermore, development of lipid or polymer-based vesicular structures as carriers is one of my major interests. I am also interested in developing new technologies.

### Education

Erasmus Mundus PhD in Biologie Sante: (06/09/2016- 21/11/2016)

Université de Montpellier/Institut de Recherche en Infectiologie de Montpellier, CNRS, Montpellier, France

Master's Degree in Medical Nanotechnology: (04/08/2010- 16/05/2012)

SASTRA University, Thanjavur, India

Undergraduate Degree in Pharmacy: (27/09/2006- 06/05/2010)

Andhra University, Visakhapatnam, India

### Experience

*Postdoctoral Research Assistant / Research Engineer: 42 months to Present*

*Biomicrofluidic Systems Lab, Department of Theory and Bio-Systems, Max Planck Institute of Colloids and Interfaces, Potsdam (Germany).*

*Major responsibilities include lipid, polymer and catalyst-based emulsion synthesis and explore related applications, method development, project management, microfabrication, assay design, supervising students, working towards set deliverables.*

*Senior Research Assistant: 9 months*

*Centre for Excellence in Nanoelectronics, Indian Institute of Technology-Bombay, Mumbai (India)*

*Worked on the functionalization and development of cantilever-based sensors using aptamers as a transducer for cancer cell detection.*

### Contact information

Contact Person: Naresh Yandrapalli, Am Muhlenberg 1, 14471 Potsdam, Germany

Email address: nareshyandrapalli@mpikg.mpg.de