



**Postdoctoral Position Available at the Polymer Therapeutics Laboratory
(CIPF, Valencia, Spain).**

PI: María J. Vicent, PhD
(<http://VicentResearchLab.com>)

We are looking for a polymer chemist ideally with experience on NCA ROP in order to develop novel Polypeptide based carriers of different nature and topicity. These materials will be used as carriers for biomacromolecules including Adeno Viral vectors (AVV), therefore experience in conjugation chemistry will be a valuable merit. Targeted drug delivery to specific sites (including Kidney, tumor microenvironment and/or selected cancer cell types) is the final goal for the rationally designed nanocarriers.

The tasks associated with the postdoctoral researcher will be the rational design, synthesis and exhaustive physico-chemical characterization of linear, star and self-assembled polypeptide-based carriers. Those carriers will be conjugated to selected cargos through either a semitelechelic or a multivalent approach.

Basic requirements of the position:

- The candidate must have a PhD in chemistry, pharmacy or material sciences
- At least 2 year of experience in the field of drug delivery, polymer therapeutics, nanomedicine or materials sciences.
- Knowledge of organic synthesis and polymerization techniques.
- High level of English both spoken and written

Merits:

- Experience would be an asset in conjugation chemistry applied to the design of polymer-drug, polymer-protein and/or antibody-drug conjugates
- Technical experience will be assessed on physicochemical characterization of macromolecules and / or polymeric systems including conformational studies.
- Good communicator, assertive and ability to work in a multidisciplinary team
- Ability to supervise students

How to present your candidacy?

Interested candidates should send their CV, cover letter and references only by email to the following address: mjvicent@cipf.es

Start date: Ideally 7th January 2019

Duration: 2 years