



Postdoc, PhD, technician and internship openings (m/f/d) in ERC Starting Grant

ERC-funded postdoc, PhD, technician and internship openings are available in the Research Group “Polymer Therapeutics” at RWTH Aachen University Clinic directed by Dr. Yang Shi. The project focuses on polymer biomaterials for cancer immunotherapy, immunoengineering and imaging.

Dr. Shi is leading a young and fast-growing group funded by ERC (European Research Council) and DFG (German Research Foundation). The group is trying to tackle unmet needs in clinical cancer chemotherapy and immunotherapy using polymer therapeutic systems. Currently, the group focuses on clinical translation of π - π stacking-stabilized polymeric micelles for chemo-immunotherapy, enzyme-sensitive polymer-prodrug conjugates for activating antigen presenting cells, and nano-to-macroscale hydrogels for immune cell engineering. Recent papers of the group have been published in JACS, Advanced Materials, Chemical Society Reviews, Advanced Functional Materials, Advanced Science, Biomaterials, Journal of Controlled Release, Theranostics, etc.). Since 2021, he is Associate Editor for Journal of Nanobiotechnology.

More info: <https://www.exmi.rwth-aachen.de/cms/EXMI/Das-Institut/Leitungsteam/~nelwm/Yang-Shi>

Your profile

We are looking for excellent, highly motivated early-career researchers to join our research team. The ideal candidates should have received research training in materials chemistry, immunology, biology or pharmacy. Skills and experience in cell and in vivo studies are required. Fluency in English is expected.

Our offer

We offer excellent working conditions at RWTH Aachen University. The salary and working hours are in accordance with the funding guidelines of the ERC and RWTH Aachen University for early-career scientists. The salary is based on the standard public salary scales (TVL) in Germany. The postdoc positions are initially limited to two years and subject to extension. PhD candidates and postdoc researchers will be offered career development courses available at RWTH Aachen University and financial support to attend scientific conferences. The earliest starting date is 7/2022.

RWTH Aachen University values the diversity of its employees and is explicitly committed to the goal of gender equality. Female researchers are strongly encouraged to apply. Applicants with children are very welcome. Persons with severe disabilities will be given preferential consideration if equally qualified.

Your application

Please contact Dr. Yang Shi (yshi@ukaachen.de) for more information about the positions and the application. Your application documents should contain a cover letter (describing your past and current research interests), your CV, your publication list as well as the contact information of two references.