



UNIVERSITY OF NOTRE DAME

CHEMICAL & BIOMOLECULAR ENGINEERING

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University of Notre Dame

Job Title: Post Doctoral Fellow

Job Description:

Post-doctoral position available for highly motivated candidates with a background in synthetic/biophysical chemistry to join the Bilgicer laboratory. We are a biomolecular engineering laboratory that designs and synthesizes multivalent biomolecules to selectively target various diseases including cancers, allergies, and autoimmunity causing immune components. Projects will involve using synthetic methodology for peptides, small molecules, polymer based and lipid cored micelles/liposomes that potentially will have enhanced efficacy and pharmacokinetic properties over the current drugs.

Applicants should hold a PhD degree and have strong laboratory and analytical skills. Significant experience in one or more of the following techniques are required: solid phase peptide synthesis, preparation and characterization nanoparticular drug carriers (e.g. ligand targeted micellar nanoparticles), and analytical techniques for biophysical studies (ELISA, SPR, AUC, etc.).

Full applications including curriculum vitae, a brief summary of past, current and future research interests and accomplishments, selected reprints of publications, two to three references and expected availability date should be submitted to: Basar Bilgicer PhD, Chemical and Biomolecular Engineering, 182 Fitzpatrick Hall of Engineering, Notre Dame, IN 46556, E-mail: bbgroup@nd.edu

Please do not submit incomplete applications!

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