

## Post-Doctoral Fellowship in Multiple Myeloma and Bone Diseases

### IU School of Medicine, Hematology/Oncology Division

Applications are invited for a postdoctoral position with Dr. Jesus Delgado-Calle at Indiana University, Department of Medicine, Hematology/Oncology Division. The position is in the School of Medicine, located in downtown Indianapolis, Indiana, US.

Dr. Delgado-Calle's lab focuses on understanding the mechanisms by which myeloma cancer cells alter the biology of other cells in the tumor/bone marrow microenvironment, in particular osteocytes, with the final goal of identifying targetable factors for the treatment of multiple myeloma. Dr. Delgado-Calle's lab also studies the role of osteocytes and their derived factors as hormonal mediators of the crosstalk between bone and other distant tissues.

The postdoctoral fellow will primarily work with Dr. Delgado-Calle on a project investigating the contribution of Notch and Wnt signaling to the growth of myeloma cancer cells, cancer cell dormancy, and bone destruction. There will also be opportunities for working on related projects and with existing data sets.

#### Primary activities for the fellow will include

- Perform in vitro and ex vivo studies using primary cells and established cell lines
- Generate genetically modified mice by traditional breeding strategies
- Perform in vivo studies in established mouse models of myeloma disease
- Data analysis
- Supervision and mentoring of undergraduate and graduate students
- Writing and dissemination of findings

#### Qualifications

- Highly-motivated individuals with a Ph.D. (or about to graduate) in Health Sciences or closely related field
- Demonstrated previous experience in conducting in vivo research in mouse models
- Strong communication, presentation, and writing skills
- Possesses trouble-shooting/problem-solving skills
- Ability to work effectively in a team with individuals from diverse backgrounds and collaborate with colleagues in various departments.
- Experience in bone and cancer biology is a plus, but not required.

**Start date:** as soon as possible. Review of applications will begin immediately and will continue until the position is filled.

**To apply:** Please submit a cover letter, CV, and the names of 3 professional references. Send materials to Dr. Delgado-Calle [jedelgad@iupui.edu](mailto:jedelgad@iupui.edu).

Jesús Delgado-Calle, Ph.D.

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