

Position Title: **Postdoctoral Fellow in Cancer Biology**

Description:

Postdoctoral position is available in Dr. Jolanta Grembecka laboratory to carry out an interdisciplinary project to study the effect of small molecules in *in vitro* and *in vivo* models of cancers. We are seeking for a highly motivated postdoctoral fellow with extensive experience in cancer cell biology. The research will be focused on evaluation of the activity and the mechanism of action of novel small molecule inhibitors blocking epigenetic proteins in cancer. This position requires the expertise in cell biology and molecular biology techniques, including PCR, qRT-PCR, Western Blotting, co-Immunoprecipitation, ChIP, ChIPSeq, flow cytometry, fluorescence microscopy, immunostaining. Prior work experience with animals such as transgenic mice and xenograft models of cancer would be desired. Successful candidate will be a part of an interdisciplinary team focused on development and pre-clinical evaluation of novel anti-cancer drug candidates.

Requirements:

Applicant must have PhD in biology or related field. The candidates must be a first author on at least 2-3 publications. This position requires extensive experience in cell and molecular biology techniques. Furthermore, excellent oral and written communication skills in English are required as well as the ability to conduct independent scientific investigations.

How to apply

Please submit cover letter, CV, and contact information for 2-3 references combined into one PDF file by e-mail to: jolantag@umich.edu.

Contact: Jolanta Grembecka, PhD, Associate Professor
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Relevant publications:

1. Murai MJ, Pollock J, He S, Miao H, Purohit T, Yokom A, Hess JL, Muntean AG, Grembecka J, Cierpicki T. (2014). The same site on LEDGF IBD domain represents therapeutic target for MLL leukemia and HIV. **Blood**, 124(25):3730-7
2. Borkin, D. et al., Pharmacologic inhibition of the menin-MLL interaction blocks progression of MLL leukemia in vivo, **Cancer Cell**, 2015, 27 (4), 589-602.
3. He S, Malik B, Borkin D, Miao H, Shukla S, Kempinska K, Purohit T, Wang J, Chen L, Parkin B, Malek SN, Danet-Desnoyers G, Muntean AG, Cierpicki T, Grembecka J. Menin-MLL inhibitors block oncogenic transformation by MLL fusion proteins in a fusion partner independent manner. **Leukemia**. 2016 Feb;30(2):508-13.