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Re: Stanford University Undergraduate Researchers

Dear Colleagues,

My lab is recruiting undergraduate students. My research is focused to dissect the pathogenetic mechanisms of generalized and tumor-associated fibrosis with a strong translational focus, diseases associated with increased bone growth as well as primary myelofibrosis, a preleukemic conditions (see Wernig et al., Cancer Cell, 2008; Wernig et al., Blood, 2006, Wernig et al. Blood 2008, Wernig et al. Leukemia 2012). Our recent work demonstrates the power of in vivo disease modeling, signaling circuit dissection with novel technologies such as Cytof and Mibi and target identification, e.g. ATAC seq, RNA seq and ChIP seq and integrating it with human disease with the purpose to make better drugs for fibrosing conditions such as liver cirrhosis, lung fibrosis, autoimmune diseases such as systemic sclerosis to excessive scarring. The combination of functional in vitro assays with in vivo disease modeling, analysis of signaling circuits, target identification with subsequent pharmacologic inhibition will offer the right candidate a great training environment and a unique set of scientific opportunities.

Applicants should be curious, willing to learn novel techniques and have an intrinsic interest in science. Payment is according to the Stanford University pay scale. Please submit your complete application documents (including cover letter, CV with publication list and references) via email to: [gwernig@stanford.edu](mailto:gwernig@stanford.edu)

Best regards,

Gerlinde Wernig, MD