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## Open Postdoc Position – Meyer lab at Yale

The Meyer Lab is part of the Department of Molecular, Cellular, and Developmental Biology and the Systems Biology Institute at Yale University. We have an opening for a postdoc position focused on understanding the molecular logic of emergent gene regulatory behavior.

Our lab seeks to understand the molecular mechanisms underlying cellular decision-making in the context of embryonic development. We focus on gene regulation, particularly the role of **chromatin mechanics and biophysics in sensing, processing, and memorizing information**. To this end, we synthetically control signaling nodes, for example through optogenetics and synthetic condensates, and combine this approach with imaging-based readouts to record information flow at a molecular resolution (single-molecule imaging). We are especially interested in the role of transcriptional condensates as molecular logic gates for processing temporal and mechanical information. As the Meyer Lab is newly established, this is a unique opportunity to contribute to creating a collaborative lab environment.

**Qualifications:** Applicants should hold a PhD in Biological Sciences or a related field (e.g. Bioengineering, Biophysics). The position is available immediately (Nov. 2024) and available until filled.

**Application Instructions:** Interested applicants should email a cover letter describing their research experience and future goals, a CV, and the names and contact information of three references to: [kirstin.meyer@yale.edu](mailto:kirstin.meyer@yale.edu).

For more information, please also see <https://meyerlab.yale.edu>.

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