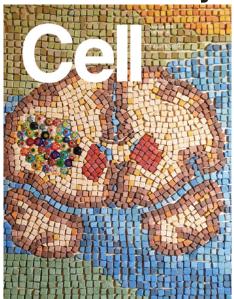


研究員募集

日本語でのお問い合わせにも対応しております。奮ってご応募下さい!

Laboratory of Cancer Ecology and Genomics



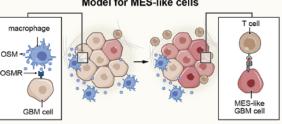
Glioblastoma (GBM) ecosystem

Ligand-receptor predictions

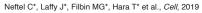
Data processing and filtering by ligand-receptor pairs

Cell-cell interactions and communication analysis

Cell 1 Cell 2 Cell



Hara T and Verma IM, Cancer Res, 2019



Hara T*, Chanoch-Myers R* et al., Cancer Cell, 2021







Research Topics

Tumor Microenvironment/ Brain Cancer/ Gene Expression/ Cell-Cell Communication

Expertise

Single-Cell Genomics/ CRISPR screen/ Clinical Sample/ Model Engineering

The Hara Lab in the Department of Neurosurgery and the Biointerfaces Institute at the University of Michigan is being founded, opening on June 1st, 2023. We will work at the intersection of human biology, model systems, and genomics to understand how cell diversity and communications are altered in brain cancers and to integrate this knowledge into a translational path. We are looking for passionate and ambitious researchers at all levels (e.g., graduate student, postdoctoral fellow) - importantly, the most relevant quality is the curiosity and drive towards understanding incurable cancers. Our research is interdisciplinary and as such we look for members from diverse backgrounds. Success in biomedical research requires internal motivation, persistant, and earger for creativity, but also unlimited mentorship to nurture trainee's daily growth and to support career development. We are committed to providing an exciting research environment that will allow you to reach your maximum scientific potential and a mentoring environment that will help you pursue your broader goals. As we are a young lab, you will be directly mentored by a highly competent PI who is motivated to bring his own research forward, which is an excellent environment to learn new areas of research/ methodologies. A background in molecular and cell biology, neuroscience, immunology, computational biology is highly desirable.

To apply please submit CV and a cover letter containing reasons why you are interested in this position and a description of professional experiences, to Toshiro Hara at THARA2@mgh.harvard.edu. Selected candidates will be asked to provide contact information for three references and then invited for a virtual or in person interview. This will be an opportunity to discuss and learn more about

the research program, professional and personal environment and mentorship from the PI and other individuals.