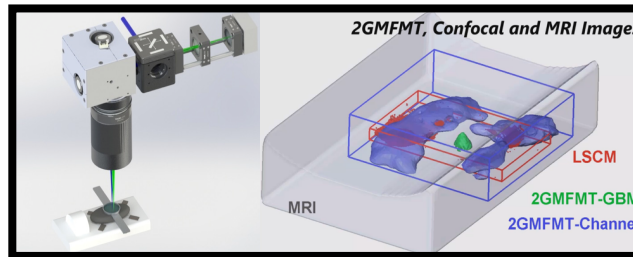


22 September 2025

Open Position!

Join Our Pioneering Research in Cancer Imaging & Personalized Medicine!

We are looking for talented and motivated students to develop a next-generation **Mesoscopic Fluorescence Molecular Tomography (MFMT)** system. This project bridges the gap between engineering and medicine, aiming to create a novel, high-throughput platform for non-invasive, 3D fluorescence imaging of deep tissues, thereby revolutionizing preclinical cancer research and therapeutic discovery.



Your Role:

You will play a crucial role in developing a semi-automatic MFMT system which involves optimizing reconstruction algorithms, integrating multimodal imaging data (MRI/CT), and improving scalability. This is a hands-on opportunity to work at the intersection of **optical device development, advanced programming, and medical applications**.

We Are Looking For Candidates With:

- Strong programming proficiency in **MATLAB or Python**.
- An interest in medical imaging, biophotonics, and their application in oncology.

We Offer:

- A **salary** (Gross: 26,000 TL)
- Duration of the project (24 Months).
- The chance to **author** scientific publications and contribute to a breakthrough technology.

Eligibility Criteria:

- Due to funder regulations, **only** students from Bogazici University (Master's Degree or Senior Undergraduate) are eligible to apply.

Ready to Apply?

Please send your **CV** and a **motivation letter** to:

Biomedical Optics Laboratory for Diagnostics (BOLD)

PI: Asst. Prof. Mehmet Saadeddin Ozturk

Email: mehmet.ozturk@bogazici.edu.tr

Kandilli Campus, Biomedical Engineering Institute