

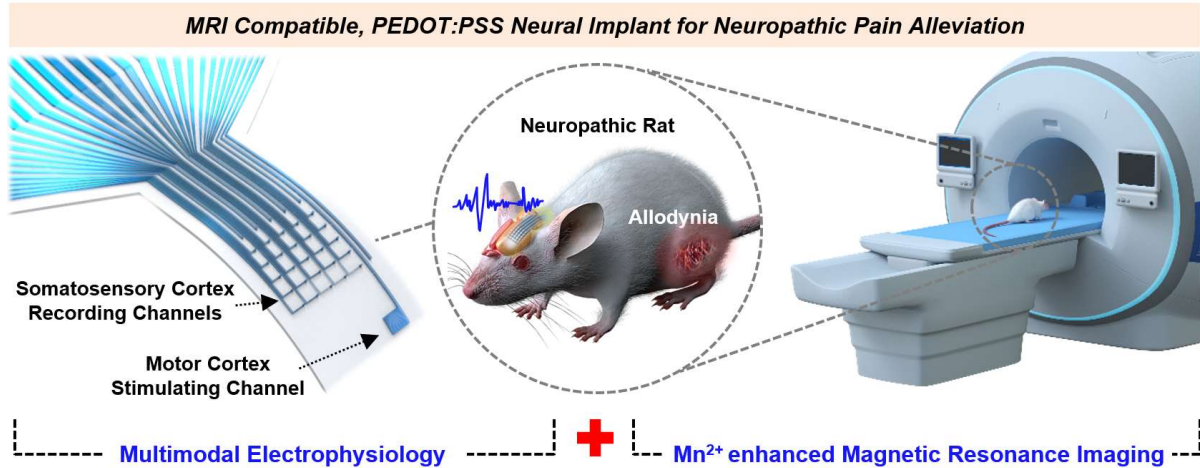
Recruiting Students for Biomedical System Lab



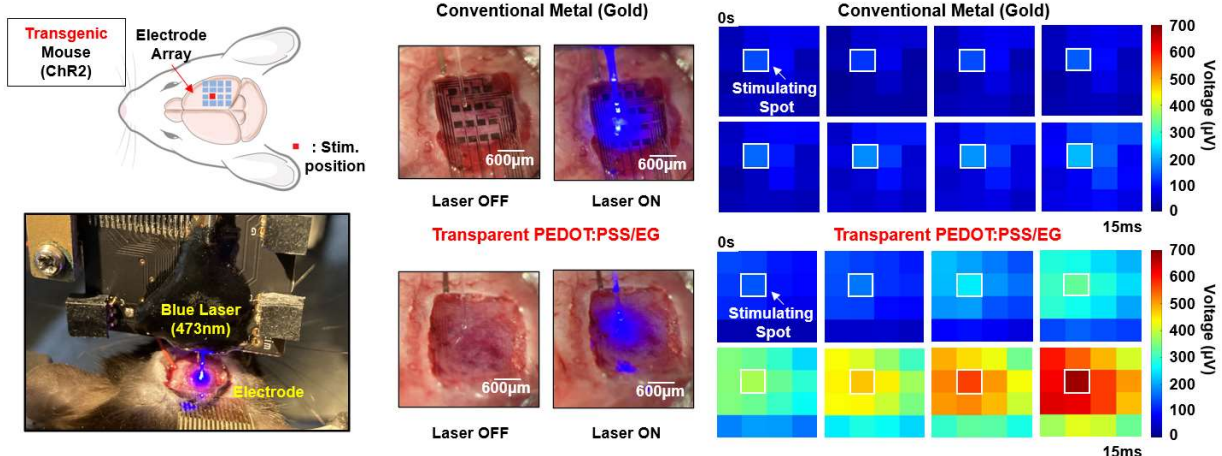
– Introduction of Our Research Lab

At the Biomedical System Lab (BSL), we are developing **flexible, implantable electrodes** that can treat diseases such as Alzheimer's/Parkinson's/Neuropathic pain by diagnosing physiological signals in the body, especially brain signals.

BSL is building a research collaboration system with clinical experts from various hospitals to enhance the **expertise and research potential of laboratory students in bio and semiconductor biomedical engineering devices**, such fabricating semiconductor and electronic electrode devices, acquiring bio-signals through animals and humans, and manufacturing user-friendly modules.



MRI Compatible, Neural Implantable Device



– Research Field and Recruiting Members

- 1) Students interested in bio-implantable device electrode fabrication (semiconductor and electrode component fabrication process) to neural signal analysis
- 2) Students interested in designing and coding Bluetooth circuits for wireless measurement and stimulation of neural signals
- 3) Students interested in developing next-generation medical devices using new materials

– SUPPORTS / CONTACT

1. Stipend: 1.2M~1.5M KRW per month
2. Extra financial incentive is available for journal publication, proposal writing, and others.

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