

# 지능형 반도체 전자 및 시스템 연구실

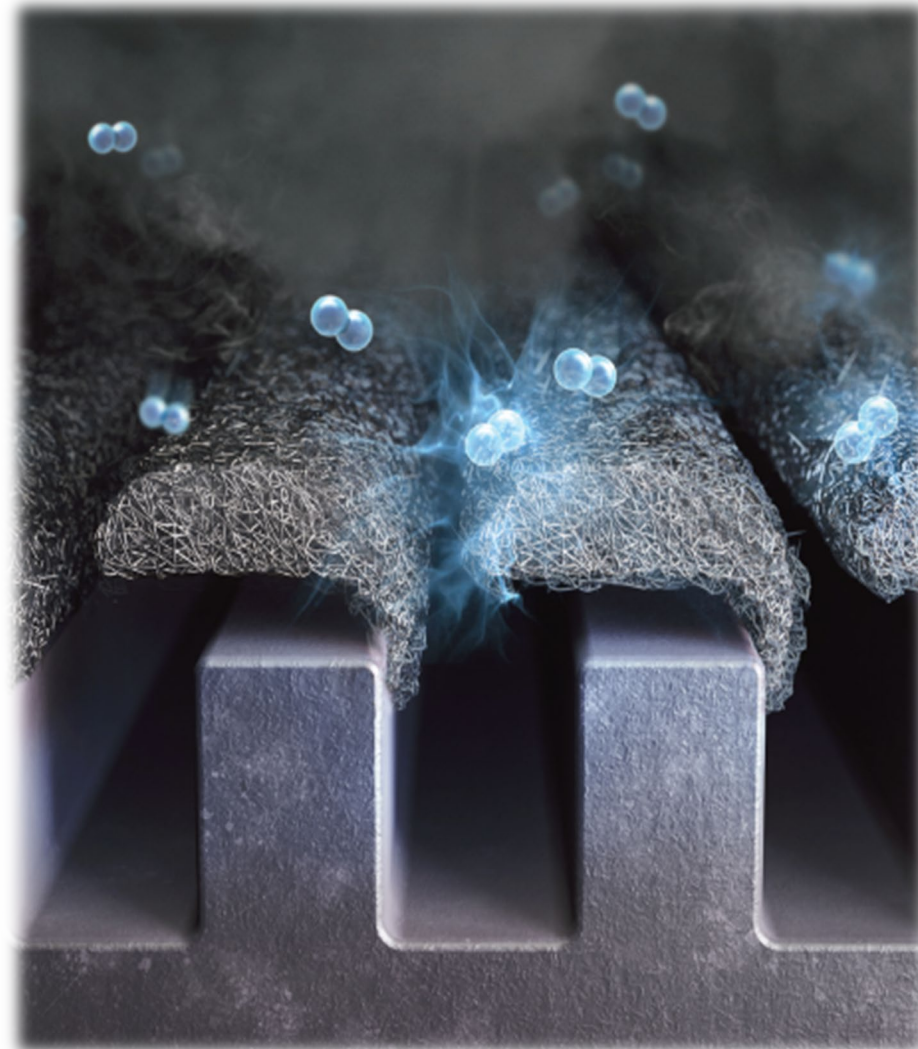
Intelligent Semiconductor Electronic & System Lab



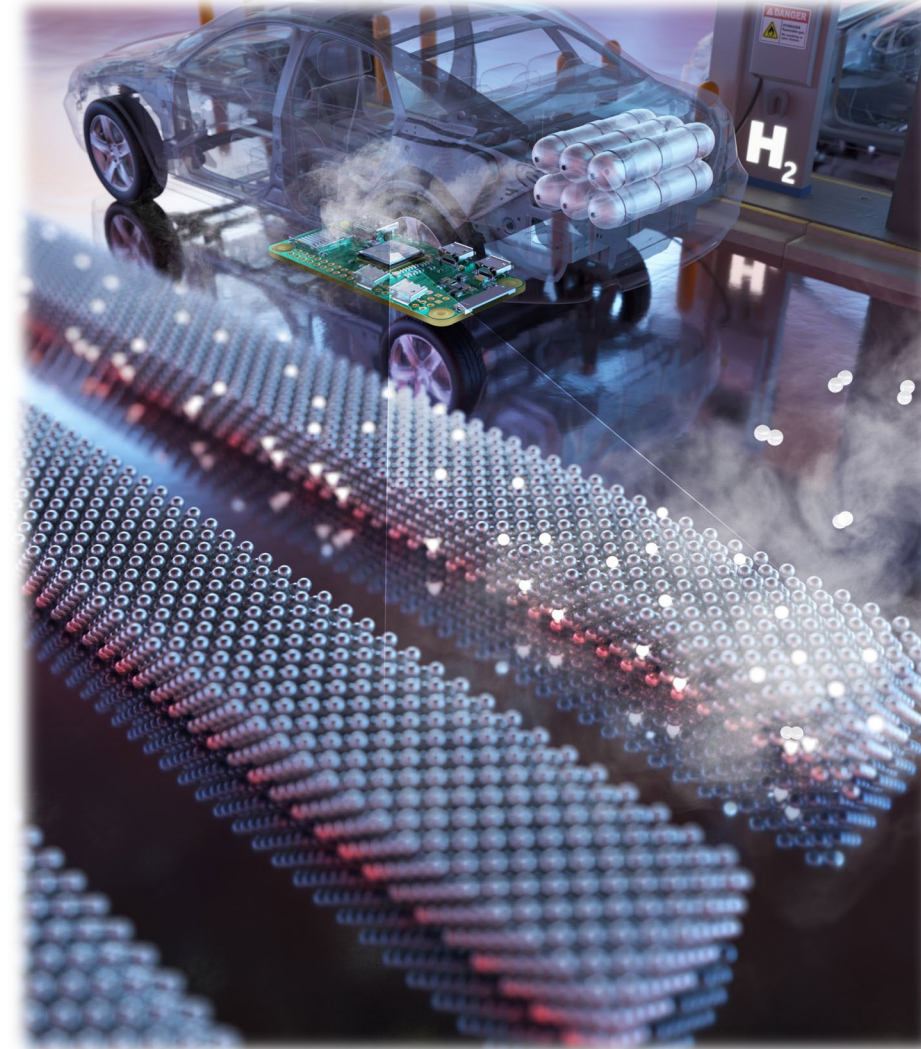
Homepage : [jylab.skku.edu](http://jylab.skku.edu)

## Research Area

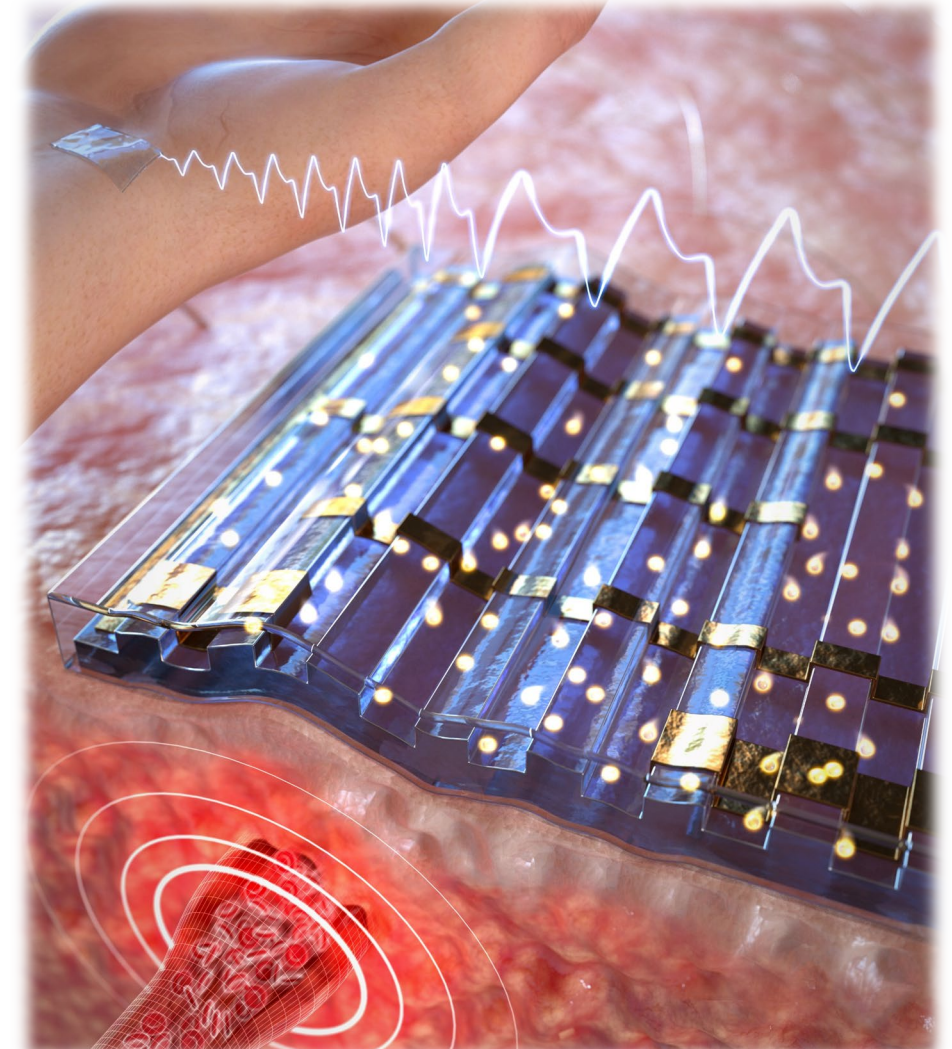
### Micro/Nanofabrication



### Industry Monitoring



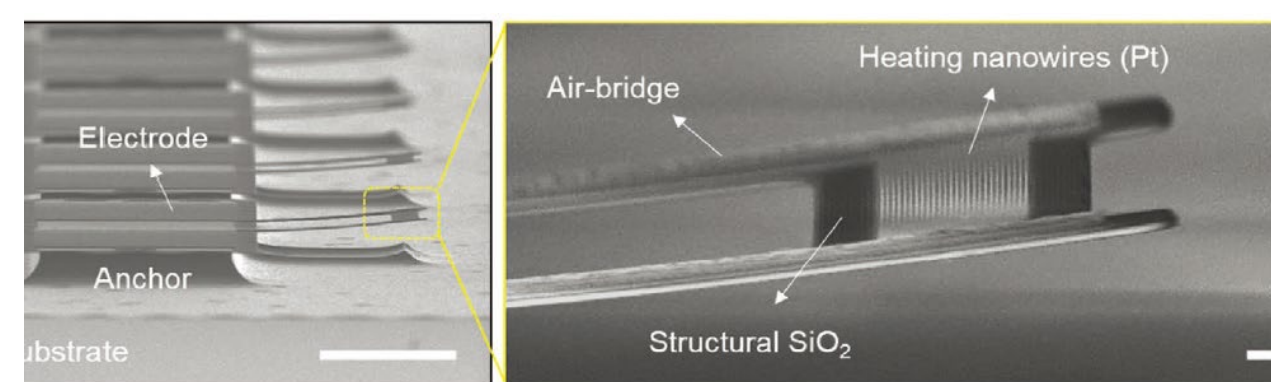
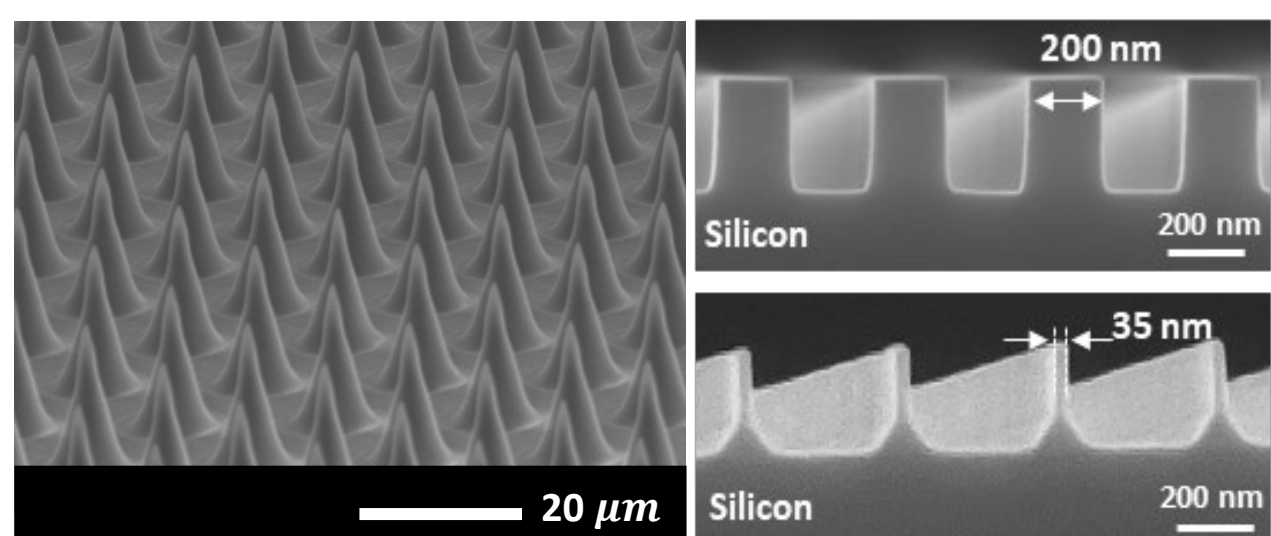
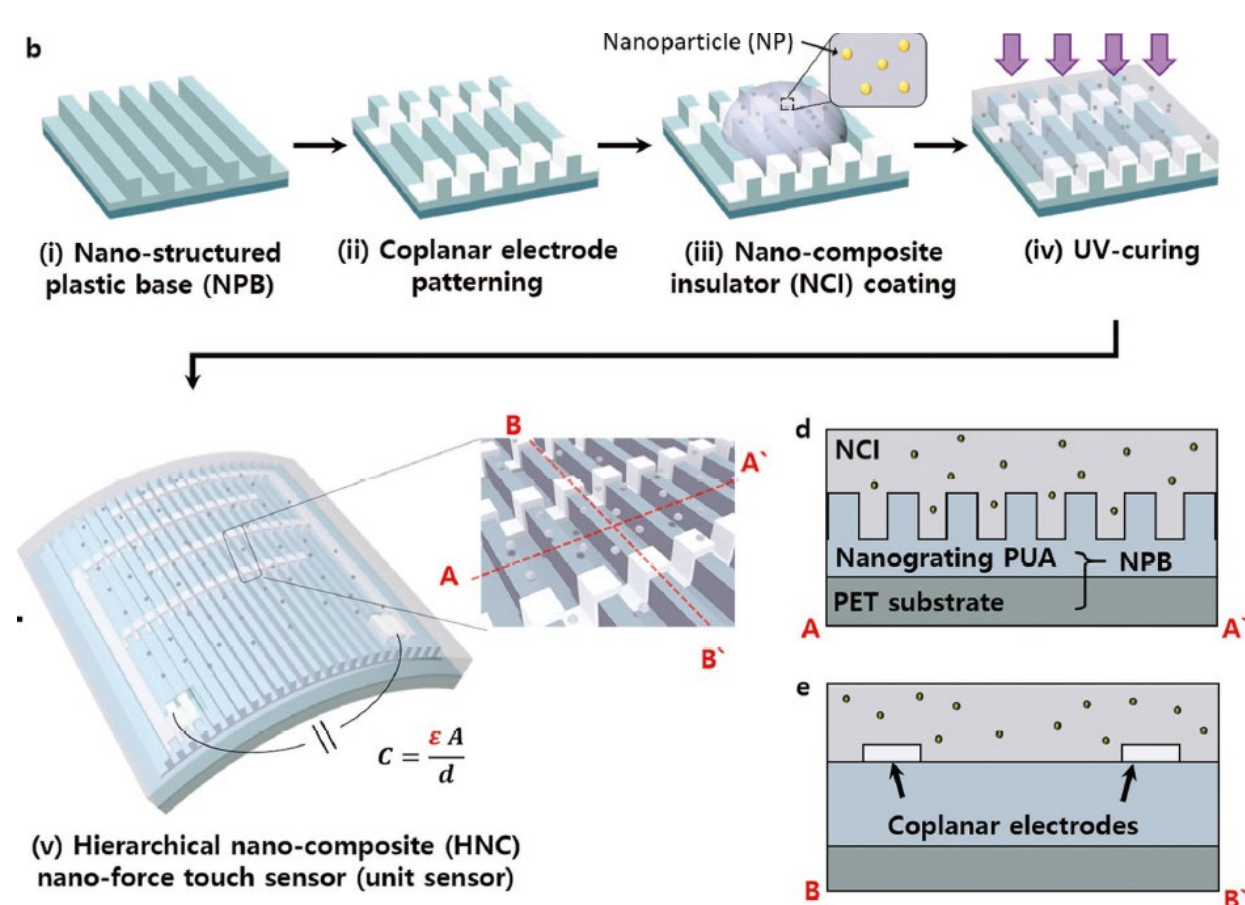
### Medical Solution



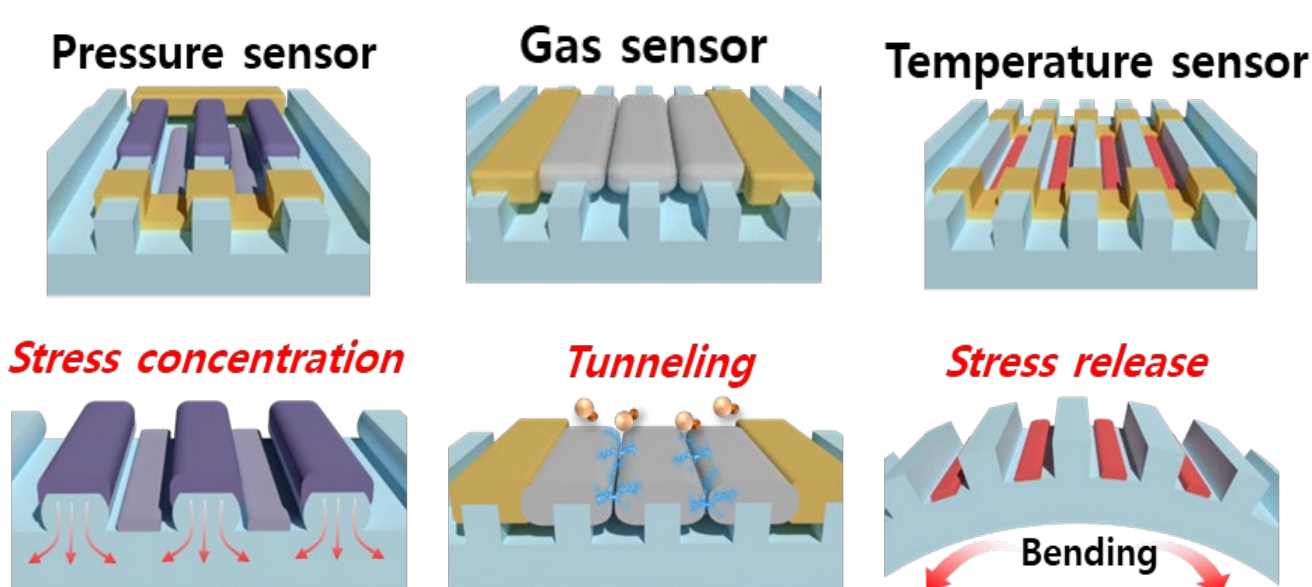
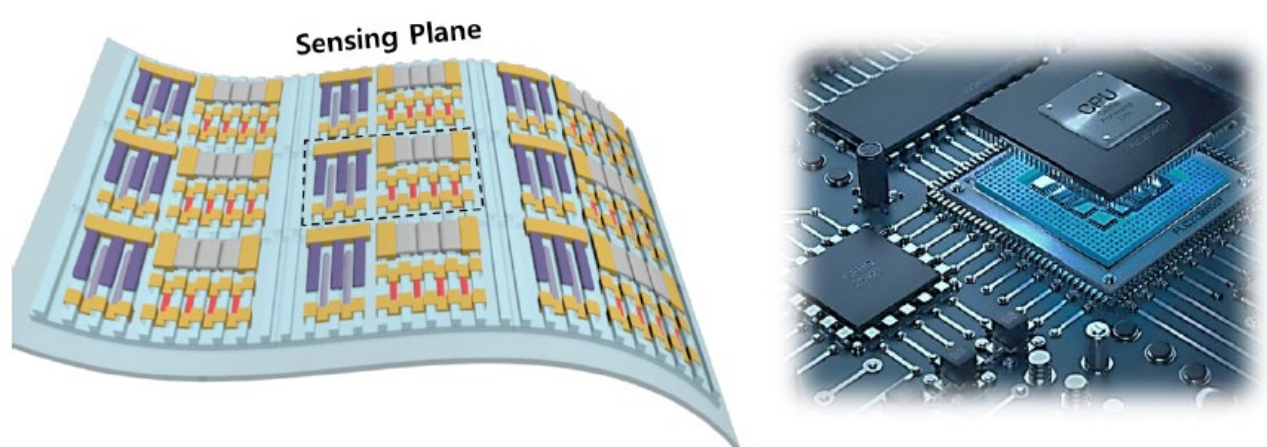
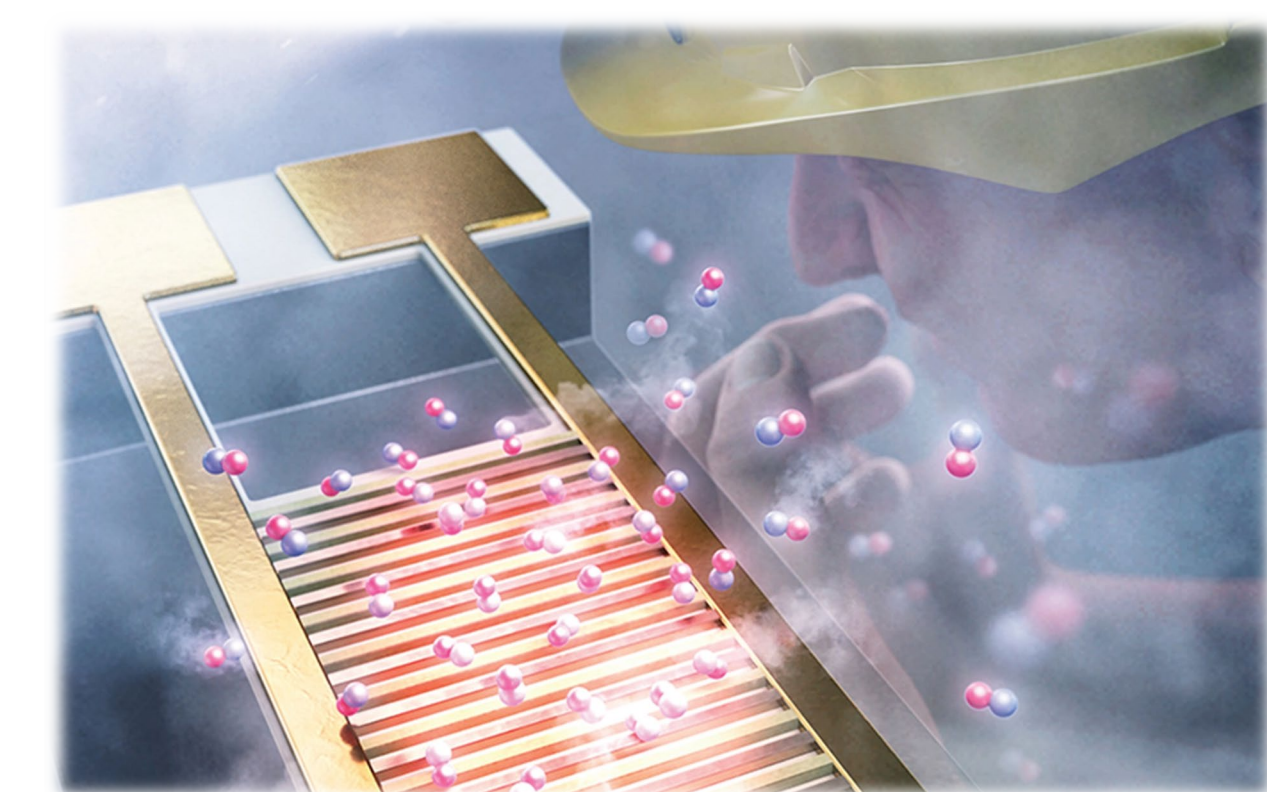
Prof. Jae-Young Yoo

\* Email: [jy.yoo@skku.edu](mailto:jy.yoo@skku.edu)

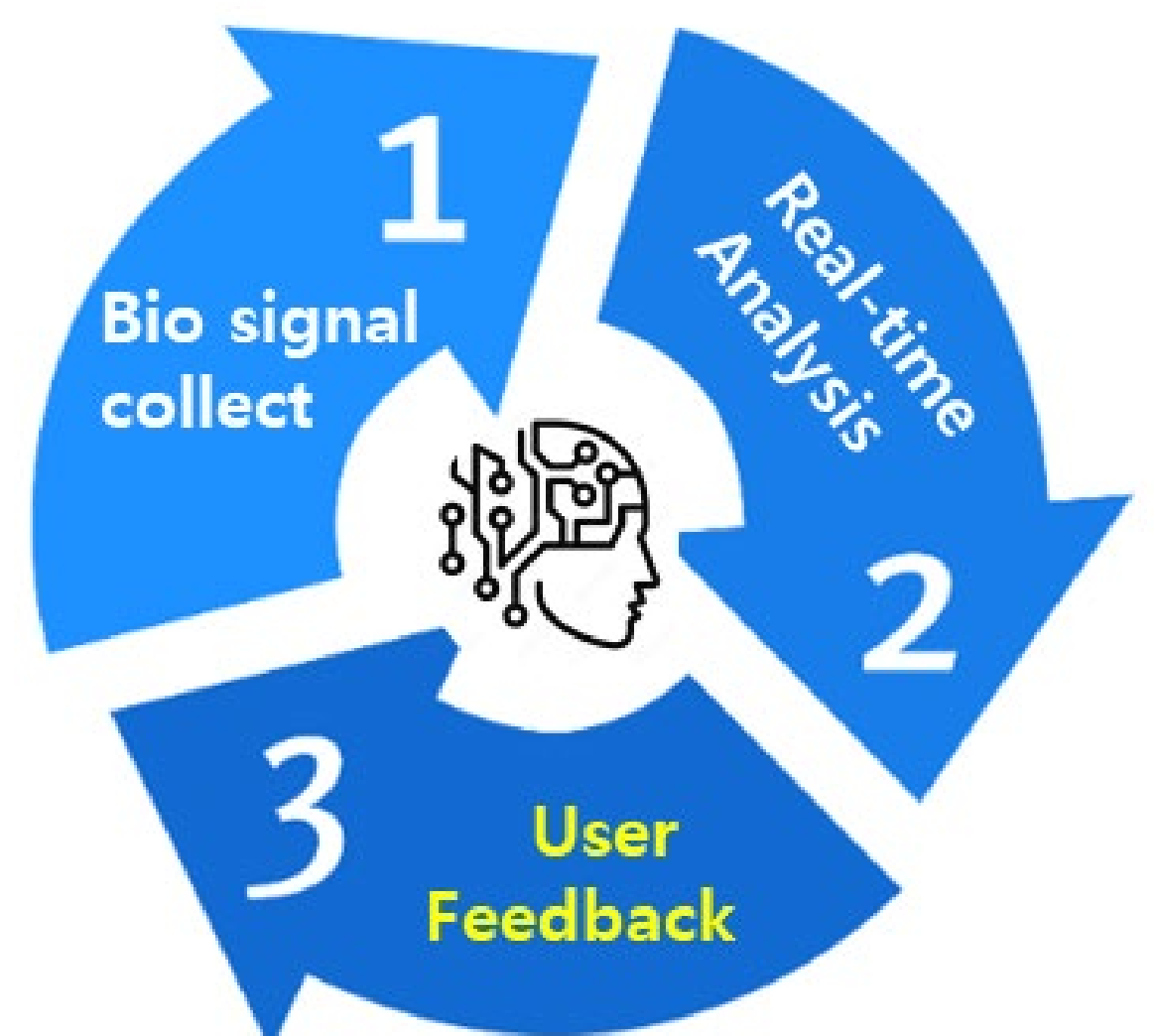
## Micro/Nanofabrication



## Industry Monitoring



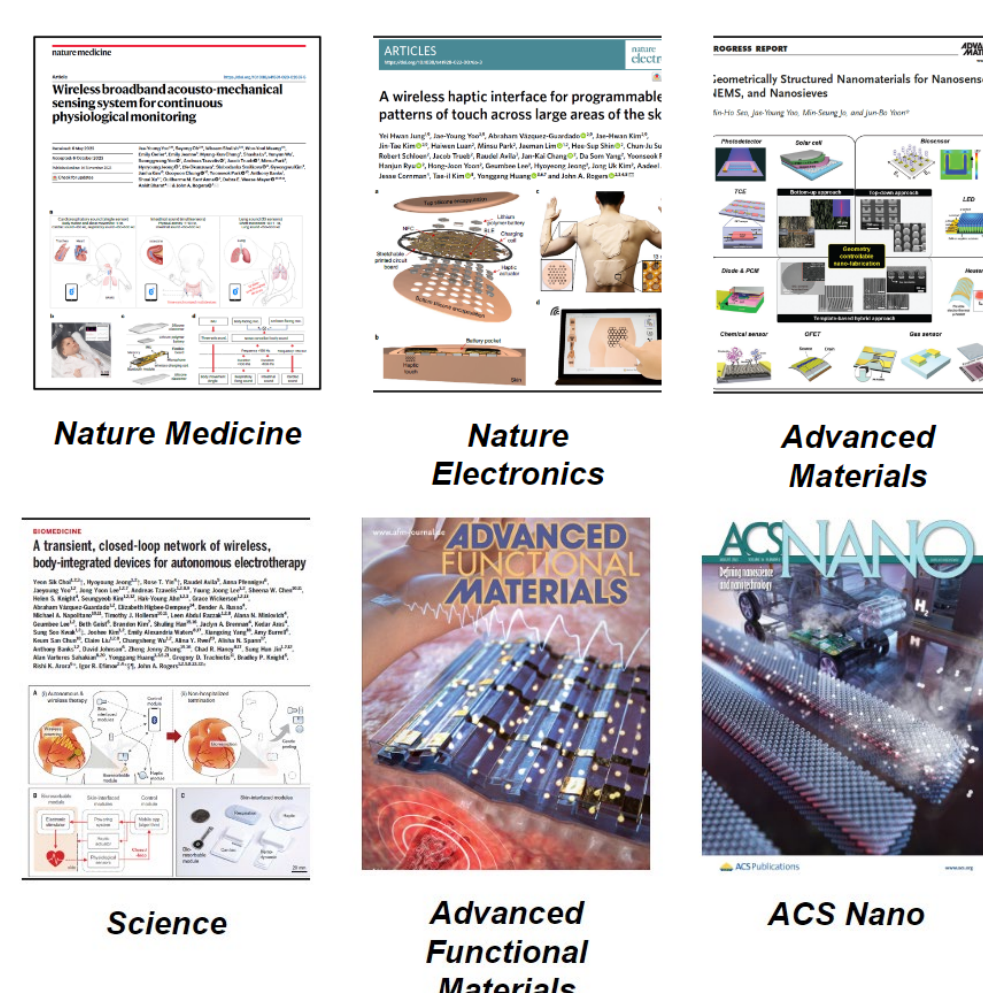
## Medical Solution



## Honors and News

- Selected as global 6 medical technology innovation from 2023 that could improve our lives. (*Mashable* Dec. 2023).
- KAIST'S TOP 10 RESEARCH ACHIEVEMENTS OF 2018. (*KAIST* Apr. 2019.)
- Outstanding Paper Award Winner (*IEEE* Jan. 2019) (only 3 papers among 490 student papers awarded)
- Silver Award at '26 & 25 Samsung Human Tech Paper Competition'. *Samsung Electronics Co., Ltd.* Feb. 2020 & 2019.

## Selected Publication



- Nature Medicine* [IF: 87.24, JCI rank : 1/204]
- Nature Electronics* [IF: 33.69, JCI rank : 1/344]
- Advanced Materials*. [IF: 32.09, JCI rank : 2/224]
- Science Advances*. [IF: 14.98, JCI rank : 7/135]
- Advanced Functional Materials* [IF: 19.92, JCI rank : 13/414]