

PROFILE



Korea Research Institute of Bioscience and Biotechnology

A Global Leader Dedicated to Enhancing Healthy Life and Developing Bioeconomy

✓ Advanced Biotechnology

✓ Artificial Intelligence (AI)



Website QR

Information

Main Contact +82-42-860-4114

Website <https://www.kribb.re.kr>

Purpose of Establishment

- Develop breakthrough technologies in biological sciences and lead bioeconomy
- Establish and support national infrastructure for biological sciences R&D at home and abroad

Main Responsibilities

- Develop and disseminate sophisticated core technology in bioengineering
- Support public infrastructure for bioengineering R&D both at home and abroad

Planned Recruitment 10-30 researchers annually

Contact

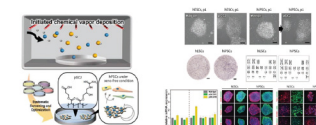
Department Human Resources Department

Phone +82-42-860-4029

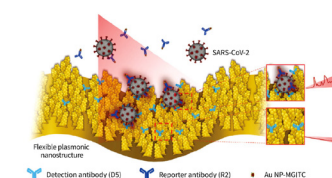
E-mail recruit@kribb.re.kr



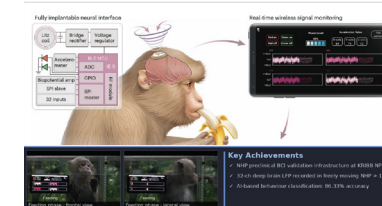
Key Achievements



Development of a Personalized Regenerative Medicine Platform Using Organoids



Development of Technologies to Overcome Hard-to-Treat Cancers Using a Miniaturized Antibody Technology Platform



Establishment and Validation of a Non-Human Primate Preclinical Evaluation Infrastructure for Brain-Computer Interfaces

Research & Project List

Synthetic Biology and Bioengineering Research

Pioneering the future of bio-manufacturing through cutting-edge synthetic biology and next-generation biofoundry platforms

Nucleic Acid Therapeutics / Chemical Biology

Establishing platforms for small molecule natural products and mRNA vaccines and developing bioactive materials and mRNA vaccines for treating intractable diseases

AI & Biomedical Research

Enabling people to achieve a healthy life, by proposing ways to overcome incurable diseases, developing platform technologies for novel drug modalities, and investigating innovative technologies for personalized medicine through AI-bio convergence.

Biomaterials and Biological Resource

Contributing to the industrial outcomes of biotechnology by securing world-class biological research resources, including microorganisms, and developing high-value-added functional biomaterials

National Challenges Research

Pioneering integrated bio-platform technologies for prevention, diagnosis, and treatment to address future national challenges (Infectious disease, Environmental diseases, Biodefense, Stemcell convergence...)

Bioinformation / BT-IT

To provide IT infrastructures to facilitate data-driven research in biology (Providing IT infrastructures for collecting, distributing, and utilizing data generated from biological research, Establishing national cluster of biological resources)

National Bio-Infrastructure

Contributing to the creation of research achievements through advanced operation of bio-infrastructure and collaborative use at home and abroad.

Aging convergence research

Development of molecular diagnostic methods for measuring the biological age of Koreans, integrated aging treatment technologies, and digital technologies for delaying aging