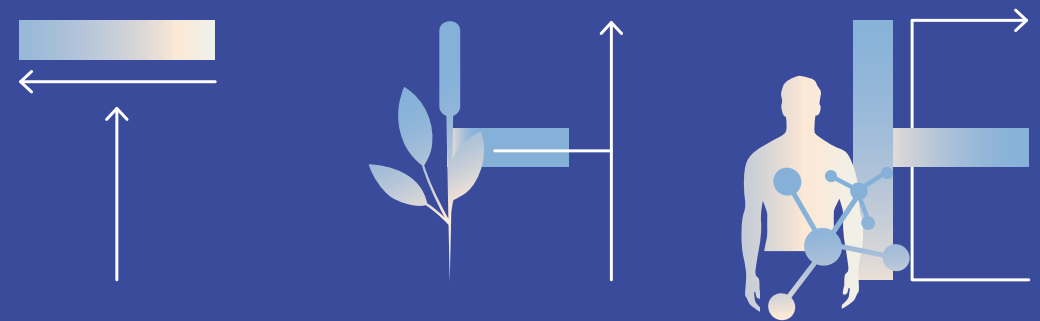


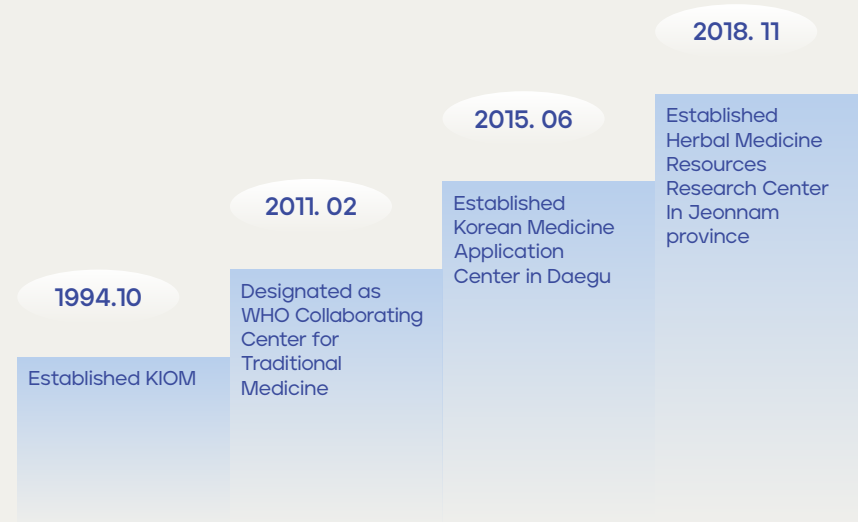
WE REALIZE NEW VALUES OF KOREAN MEDICINE
THAT ARE HIGHER AND MORE FAR-REACHING.



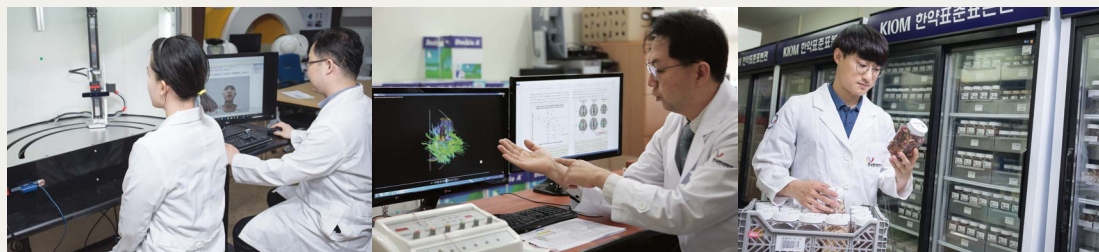
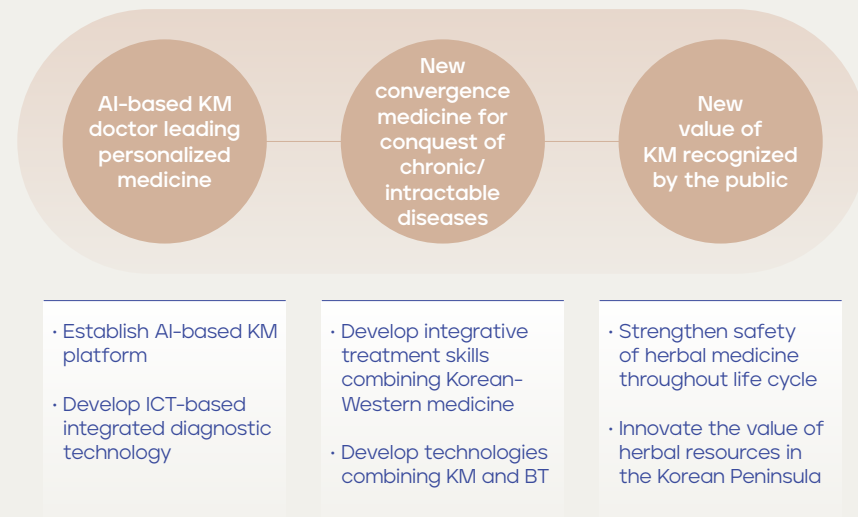
ABOUT KIOM

KIOM has made sustained efforts to contribute to the scientific advancement and standardization of traditional Korean medicine as well as the improvement of health care and quality of life.

HISTORY

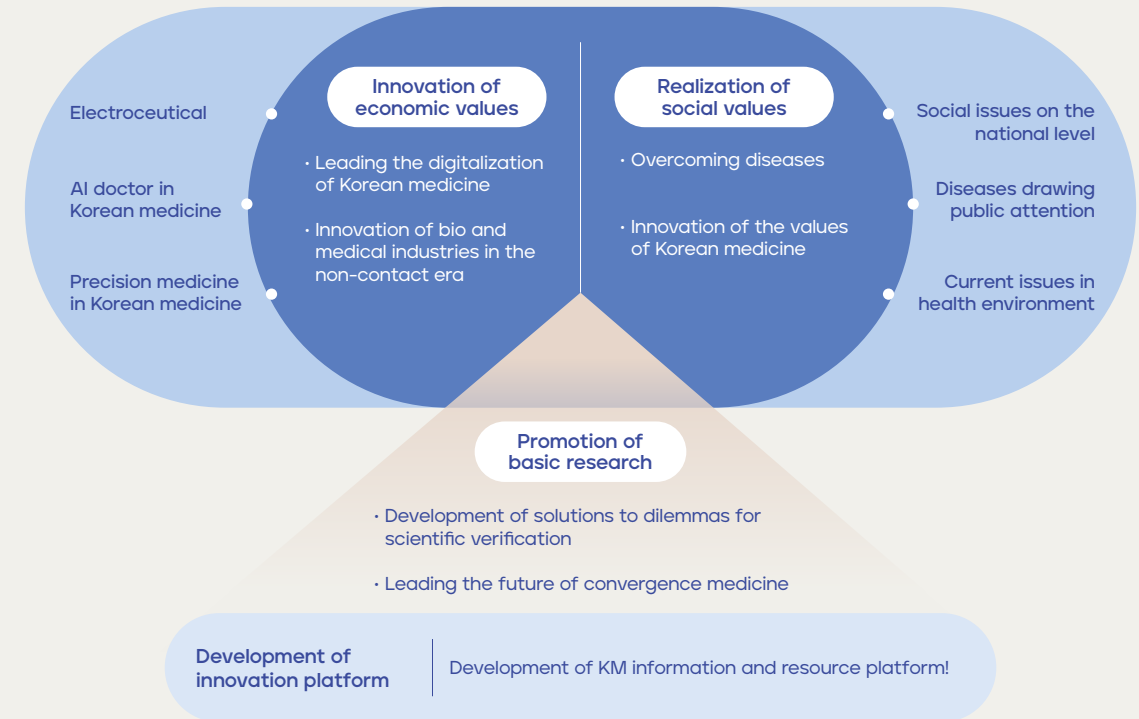


R&R



PURPOSE OF RESEARCH PROJECT

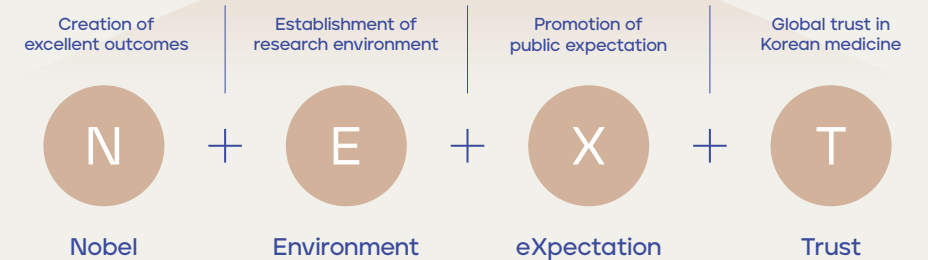
Contribution to the healthy living of the public through innovation of bio and medical industries and realization of social values



MANAGEMENT GOALS

Building a healthy and happy future for everyone

KIOM, the N.E.X.T



MAIN RESEARCH AREA

KM SCIENCE RESEARCH DIVISION

1



1 SCIENTIFIC EXAMINATION OF KM THEORIES

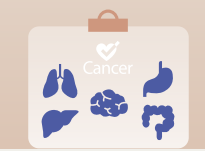
- Scientific examination of acupuncture points and meridian system
- Examination of KM theories based on brain science/neuroscience
- Examination of KM theories based on bio-convergence technologies

2 REINFORCEMENT OF CLINICAL EVIDENCE OF KM TECHNOLOGIES

- Obtaining real-world evidence of KM technologies
- Reinforcement of the evidence for safety and effectiveness of herbal medicines
- Gathering scientific evidence for improvement in herbal medications

KM CONVERGENCE RESEARCH DIVISION

2



1 DEVELOPMENT OF PREVENTION AND TREATMENT TECHNOLOGIES FOR CHRONIC AND INTRACTABLE DISEASES

- Development of immunotherapy technologies for intractable diseases
- Development of treatment technologies for geriatric diseases
- Development of infertility treatment technologies to address low birth rate

2 DEVELOPMENT OF TREATMENT TECHNOLOGIES FOR ENVIRONMENTAL DISEASES AND MENTAL ILLNESSES

- Development of technologies to respond to novel and variant infectious diseases
- Development of treatment technologies for environmental diseases
- Development of treatment technologies for mental and neurological diseases

DIGITAL HEALTH RESEARCH DIVISION

3



1 DEVELOPMENT OF DIGITALIZED KM HEALTHCARE TECHNOLOGIES

- Development of digitalized KM treatment technologies
- Development of AI-based KM diagnosis and prognosis technologies
- Development of bio-signal measurement technology based on KM convergence

2 DEVELOPMENT OF TECHNOLOGIES FOR KM DEVICES BASED ON ICT CONVERGENCE

- Development of integrated diagnosis technologies based on ICT convergence
- Development of KM devices based on ICT convergence

KM DATA DIVISION

4



1 ESTABLISHMENT OF THE PLATFORM FOR COLLECTION AND UTILIZATION OF KM BIG DATA AND INFORMATION

- Development of the KM big data collection platform
- Development of the platform for sharing and utilization of data intellectualization
- Development of the platform for securing and utilization of KM information and resources

2 DEVELOPMENT OF CORE TECHNOLOGIES FOR PRECISION MEDICINE IN KOREAN MEDICINE

- Development of core technologies for personalized daily healthcare and multi-omics approach in precision medicine
- Development of KM healthcare technologies to prevent metabolic diseases and improve sleep health

KM APPLICATION CENTER

5



1 SECURING OF CLINICAL EVIDENCE AND DEVELOPMENT OF TREATMENT TECHNOLOGIES FOR MAJOR DISEASES TO ADDRESS THE DEMANDS IN THE CLINICAL SETTING

- Development of technologies for cancer prevention and treatment based on clinical demands
- Development of technologies for dementia prevention and treatment based on clinical demands

2 DEVELOPMENT AND COMMERCIALIZATION OF KM APPLICATION TECHNOLOGIES FOR THE CREATION OF NEW LOCAL BUSINESSES

- Development of technologies for commercialization of herbal materials
- Development of technologies for pharmaceutical manufacturing of candidate substances

HERBAL MEDICINE RESOURCES RESEARCH CENTER

6



1 LEADING THE GLOBAL STANDARDIZATION OF HERBAL RESOURCES

- Development of identification techniques for herbal resources
- Development of quality management techniques for herbal resources
- Development of standard processing techniques for herbal resources

2 ESTABLISHMENT OF A COMPREHENSIVE HUB FOR HERBAL RESOURCES AND CREATION OF FUTURE VALUES

- Promotion of diversity of herbal resources
- Development of a library on standard herbal resources
- Verification of efficacy of herbal resources and development of high value-added substances

MAIN RESEARCH ACHIEVEMENTS

DIAGNOSIS

SCIENTIFIC ADVANCEMENT AND STANDARDIZATION OF DIAGNOSIS AND DEVELOPMENT OF DIAGNOSIS DEVICES

Pulse Analysis System	Sasang Constitutional Analysis Tool (K-Prism)
Oriental Medicine Abdominal Examination Apparatus	Tongue Image Analysis System (K-TAS)

TREATMENT

SCIENTIFIC VERIFICATION OF KOREAN MEDICINAL TREATMENT TECHNOLOGIES

Identified efficacy of acupuncture (hot flush, dry eye syndrome, allergic rhinitis, gonarthritis, etc.)	Identified efficacy and mechanism of acupuncture through clinical study of neuroimaging
Treatment effect of electroacupuncture on painful diabetic neuropathies confirmed	Developed herbal medicine to relieve side effects of cancer treatment

HERBAL MEDICINE

PROCUREMENT OF SAFE HERBAL MEDICINAL RESOURCES AND ESTABLISH BASIS FOR CLINICAL EFFICACY.

Confirmed efficacy of various herbal medicines (anti-asthma, wound healing, whitening, etc.)	World's first clinical trial approval for the immune checkpoint inhibitor effect of a Korean medicine-based substance
Clinical evidence established for co-administration of Korean medicine and Western medicine for the first time in Korea	Confirmed safety of herbal medicine for the liver

KM INFORMATION

MODERNIZATION OF KNOWLEDGE RESOURCES ON TRADITIONAL MEDICINE

Mobile application 'Donguibogam in my hand'	IMR, Korea's first SCIE-listed international academic journal published by KIAM
Traditional Korean Medicine information portal 'OASIS' (https://oasis.kiom.re.kr)	Donguibogam, the memory of the world register by UNESCO & National Treasure

INTERNATIONAL COOPERATION

We are strengthening our international research capabilities and network through joint research, personnel exchanges, academic events and other various activities.



KIAM ONLINE SERVICES

YOUTUBE

<https://www.youtube.com/kiomvideo>

BLOG

<https://blog.naver.com/kiompr>

INSTAGRAM

<https://www.instagram.com/kiomistory>

FACEBOOK

<https://www.facebook.com/withkiom>