

"KDDF"

Establishing the system for developing more than 10 global drugs.



Ministry of Science, ICT and Future Planning



MOTIE
MINISTRY OF TRADE, INDUSTRY & ENERGY



MINISTRY OF HEALTH & WELFARE

- A government-initiated drug development program (Total budget of \$1billion)
 >> *Select, Fund and Manage Projects*
- Backed by a collaborative effort of 3 healthcare-related Korea Ministries
- Three effective business models
 >> *Novel & Innovative / Big pharma customized / Connect & Development*

Major Achievements

Licensing Out : 14 (Deal Value : 4.5 billion USD)

Global Licensing Out : 5 (Deal Value : 4.47 billion USD)

- Qurient (tuberculosis) >> Infectex (Russia)
- PharmAbcine (cancer) >> 3S BIO (China)
- Genexine (growth hormone) >> Tasgen (China)
- CJ HealthCare (acid related disorder) >> Luoxin (China)
- Hanmi (diabetes) >> Sanofi (France)

Domestic (Global Bridging) Licensing Out (Deal Value : 30 million USD)

- Genexine (growth hormone), Chungnam National Univ. (heart failure, blindness)
- SK Biopharm (constipation, IBS), PharmAbcine (eye related disease)
- Ajou Univ. (diabetic macular edema), Aeon Medix (*S. aureus* vaccine)
- Korea Univ. (duchenne muscular dystrophy), BIONEER (pulmonary fibrosis)

R&D Performance

44

Milestone Achievements

2

Top 100 Noted R&D Performance (2018)

319

Proposals Received

- Industry : 179, Academia : 100, Institute : 40
- Discovery : 195, Pre-clinical : 50, Clinical : 74

4.5B

Licensing-Out

- Global : 5, Domestic : 9
- 4.5 billion USD in Deal Value

92

Funded Projects

- Industry : 67, Academia : 20, Institute : 5
- Discovery : 45, Pre-clinical : 19, Clinical : 28

263

Pre / Post Application Meeting

14

MOU
- Global : 8, Domestic : 6

316

Patents

- Global : 250, Domestic : 58
- SCI Journal : 29

On-going (38)

Completed (54)

