**Selection about Postdoctoral Research Program, 2021**

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| **Field of support** | **Name** | **Research Title** |
| **Humanities, Social Sciences, Arts & Sports****(4 projects)** |  | Intramural | Lee, Arum | Study on the Modern Senses of Immanence in G. Deleuze’s Philosophy |
| **Humanities****(1 project)** |
| **Social Sciences****(3 projects)** | Intramural | Lee, Jungyong | Impact of Omnl-channel Identity on Consumer Happiness and Repurchase Intentions |
| Intramural | Han, Soo Jeong | The Factors Affecting in the Intention of Moving into Public Rental Housing |
| Abroad | Lee, Ji Young | Exploring Ways to Improve the Professional Development of ECEC Teachers: Focusing on the ‘Habits of Mind’ |
| **Science and Engineering****(12 projects)** | **Natural Sciences****(4 projects)** | Intramural | Park, Jun Young | A study on the sialyl-glycolipid function and interaction with cellular receptors with anti-cancer and anti-inflammatory activities |
| Intramural | Lee, Young Hwan | Identification of combined effects of ocean acidification and microplastic on marine multi-species and development of a population model by using systems ecotoxicological approach |
| Abroad | Bae, Garam | Development of machine learning model for prediction of electronic device performance based on multi-dimensional nanohybrids |
| Abroad | Cho, Kyoungil | Development of eco-friendly cellulose nanocrystals-based organometallic catalysts for application to eco-friendly polymer synthesis |
| **Engineering****(7 projects)** | Intramural | Handi Setiadi | Computational Study on microporous hard carbon for lithium, sodium, and potassium-ion batteries |
| Intramural | Javidan Mohammad | AI based seismic retrofit design techniques for old building structures |
| Intramural | Mohit Kumar | Development of metal-organic-framework-derived porous materials-based high performance energy storage devices |
| Intramural | Pham Duy Phong | Innovative Processing Technologies for High-Efficiency Silicon Solar Cells |
| Intramural | Son, Soyoung | Development of the immunosuppressive tumor microenvironment-controlling nanoparticle for enhancing the objective response rate to immune checkpoint therapy |
| Abroad | Park, Byeonghak | Dynamic Noise-Free, Real-time Monitoring Chitosan/Gelatin sensor |
| Abroad | Baik, Sangyul | Development of Soft Adhesive Microrobots for Active Diagnostic/Therapeutic Systems in Gastrointestinal Environments |
| **Medicine & Pharmacy****(1 projects)** | Abroad | Seungrak Lee  | Targeted discovery of novel bioactive compounds from termite-associated microbes using structure-based molecular networks |

※ **From the 2018 year, trainees can apply only one time**. Trainees cannot selected for extend periods of time. Total training duration cannot over 1 year.

※ **Those who receive same type of financial support(Personnel salaries) from National R&D Program or National Fostering Human Resources Program (such as National Research Foundation’s BK21PLUS Program, Research professor supporting program, Post-doctoral training program and so on) are not eligible to apply for this project.**

**President of Research & Business Foundation**