**Selection about Postdoctoral Research Program, 2018**

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| **Field of support** | | | **Name** | **Research Title** |
| **Humanities, Social Sciences, Arts & Sports**  **(5 projects)** | **Humanities**  **(3 projects)** | Intramural | Kim Dohyung | A Study on the Formation and Development of Japanese Conservative national Theory in Meiji Period – Focusing on the Kato Hiroyuki’s Late National Thought |
| Abroad | Han Sangwoo | Family on genealogical data of the opposite ends of the Eurasia |
| Intramural | Jung-Suk Hwang | 9/11: Representation in Contemporary American Fiction |
| **Social Sciences**  **(1 projects)** | Intramural | Park yeon ju | A comparative analysis of the changes in the judgment of child abuse death cases before and after the enactment of the special Act on punishment of child abuse crime through QCA methodology |
| **Arts & Sports**  **(1 project)** | Intramural | Lee Inhwan | The role of fitness and gait as a predictor of osteoporosis based on data mining |
| **Science and Engineering**  **(10 projects)** | **Science,**  **Engineering**  **(8 projects)** | Intramural | Chang-Bum Jeong | Investigation of toxicity mechanism of microplastic in the rotifer Brachionus koreanus |
| Intramural | Daeheum Cho | Design of highly-efficient spintronic nano device using organic single molecular magnet |
| Abroad | Yun, Seok Joon | Synthesis and analysis of two dimensional diluted magnetic semiconductor by chemical vapor deposition |
| Abroad | KIM HYUN CHUL | Unveiling exceptional cation storage behavior of Metal Oxide Anodes for Next Generation Rechargeable Battery Systems |
| Abroad | HWISEOB LEE | Development of Highly Efficient Fully Integrated Transmitter for Next Generation Wireless Communication |
| Intramural | Jang Sung Kyu | Development of future information processing devices based on heterojunction nanostructure |
| Abroad | Beom Joon Kim | Development of organic semiconductor devices based on silk materials and its biomedical applications |
| Abroad | Kim Kyung-Jo | Controlling NOM fouling on the microfiltration ceramic membrane by Fe-Al binary oxide adsorption cake layer |
| **Medicine, Pharmacy**  **(2 projects)** | Intramural | Changkyu Lee | Preparation and Evaluation of Multifunctional Nanoparticles for Increasing Drug Absorption into Tumor |
| Intramural | Umasankar De | Looking for successful alternative anticancer mechanism against resistant and metastatic cancer cells |

※ **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**