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| **Job Description** |

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| **Workplace** | Daejeon, KAIST | **Job category**  **(level)** | *Postdoctoral research associate* | **Area of hiring** | *Research* |
| **Work duties** | *Research on catalytic hydrocarbon functionalizations* | | | | |
| **Main business of IBS** | Founded under the Special Act on Establishment of and Support for International Science and Business Belt, the Institute for Basic Science (IBS) conducts fundamental research in the fields of basic science, contributing to developing and delivering scientific knowledge and innovative technology, as well as nurturing the next generation of scientists.   * Basic science research * Interdisciplinary basic science research in science and technology * Convergence between basic science and humanities, social science and culture and arts * Policy research for setting the direction of basic science research * Programs for establishing and utilizing research facilities and equipment   Management, transfer, utilization and commercialization of research outcomes | | | | |
| **Research area of the Center** | Research on development of novel catalytic reactions and mechanism studies | | | | |
| **Duties and responsibilities** | Research on catalytic hydrocarbon functionalizations and development of novel catalytic reactions and mechanism studies | | | | |
| **Knowledge required** | Knowledge of organometallic and organic chemistry (Doctoral degree) | | | | |
| **Competencies required** | Writing skill, Communication skill, Problem solving skill, Proficiency in English | | | | |
| **Attitude required** | Creative attitude for chemistry research | | | | |
| **Basic skills required** | Communication skill, problem solving skill, Collaboration skill and Work ethics | | | | |
| **Qualification** | (Major) Ph D in organic chemistry  (Preference) Excellent papers as 1st author | | | | |
| **Screening** | Stage 1: Document screening 🡪 Stage 2: Interview | | | | |

* This job description states major work duties of the hiring area. Work duties that are not stated here may need to be performed.