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| Job Title |  | **Special Researcher** | |
| Department  Location  Definition  Responsibilities  Qualifications/  Requirements  Benefits |  | Technology & Innovation  Korea   * The appointee is a Ph.D and equivalent * The standard appointment is 2 years * The appointee is expected to join SABIC’s active program exploring novel applications for future electronics * Work closely with SABIC global experts to add technology competencies within SABIC’s Innovative Plastics industry. * Proactively communicate with project members and outside partners on project progress towards business goals. * Provide technical expertise in understanding and evaluating materials/application needs through testing and prototyping. * Scope, evaluate and screen existing solutions to help establish firm base for technical program. * Investigate the fundamentals of technology for successful postdoc experience. * Publish patents and scholarly articles. * Ensure activities are compliant with safety, regulatory and intellectual property requirements. * Ph.D. in Chemistry, Polymer/Materials Science/Engineering, Chemical Engineering or equivalent (M.Sc 4+ experience). * Experience in chemistry and synthesis process of Quantum dot (QD), evaluation of QD and familiar with dispersion in binder and coating technology. * Solid understanding and rich experience in emerging application technology including QDEF and QLED, OLED. * Ability to work across geographies and cultures. * Great communication and interpersonal skills. * Fluent in Korean and English; excellent English communication skills, written and verbal. * Competitive package will be provided | |
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About SABIC

* Saudi Basic Industries Corporation (SABIC) ranks among the world’s top petrochemical companies. The company is among the world’s market leaders in the production of polyethylene, polypropylene and other advanced thermoplastics, glycols, methanol and fertilizers.
* SABIC recorded a net profit of SR 25.3 billion (US$ 6.7 billion) in 2013. Sales revenues for 2013 totaled SR 189 billion (US$ 50.4 billion).
* SABIC’s businesses are grouped into Chemicals, Polymers, Performance Chemicals, Fertilizers, Metals and Innovative Plastics. SABIC has significant research resources with 18 dedicated Technology & Innovation facilities in Saudi Arabia, the USA, the Netherlands, Spain, Japan, India, China and South Korea. The company operates in more than 40 countries across the world with around 40,000 employees worldwide.

About Innovative Plastics

* SABIC’s Innovative Plastics business is a leading, global supplier of engineering thermoplastics with an 80-year history of breakthrough solutions that solve its customers’ most pressing challenges. Today, Innovative Plastics is a multi-billion-dollar company with operations in more than 35 countries and approximately 9,000 employees worldwide.
* The company continues to lead the plastics industry with customer collaboration and continued investments in new polymer technologies, global application development, process technologies, and environmentally responsible solutions that serve diverse markets such as Healthcare, Transportation, Automotive, Electrical, Lighting and Consumer Electronics. The company’s extensive product portfolio includes thermoplastic resins, coatings, specialty compounds, film, and sheet. Innovative Plastics ([www.sabic-ip.com](http://www.sabic-ip.com)) is a wholly owned subsidiary of Saudi Basic Industries Corporation (SABIC).