**Baksa Kim**

Department of Future Science and Engineering

College of Engineering

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# Personal Data

* Birth: 1st Mar, 1991, in Republic of Korea
* Nationality: Korean
* Family Status: Single
* Language: First language Korean, Fluent in English, Good in Japanese

# Education

Mar. 2018 ~ **Hankuk National University** Seoul, Korea

Present Department of Future Science and Engineering

 *PhD Student*

*Advisor: Prof. Gil-Dong Hong*

Mar. 2016 ~ **Hankuk National University** Seoul, Korea

Feb. 2018Department of Future Science and Engineering

 Thesis: Study on Nature-inspired Nanostructures for Biomedical Applications

Advisor: Prof. Gil-Dong Hong

*Master of Science in Future science and Engineering*

Mar. 2010 ~ **Hankuk National University** Seoul, Korea

Feb. 2016Department of Future Science and Engineering

*Bachelor of Science in Future science and Engineering*

*Honors: summa cum laude (GPA 4.4/4.5)*

# Research Interest

* **Electrochemistry of biomaterials**
* Write a detailed description here
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# Publications (SCI only)

1. A. B. Lee, C. D. Park, E.-F. Kang, **B. Kim**, G. Kim, and G.-D. Hong\*, “Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor”, Appl. Phys. A, **102**, 1027, (2016)
2. A. Jo, B.-C. Yang,**B. Kim**, D.-E. Lim, and G.-D. Hong\*, “Nisl tincidunt eget nullam non Quis hendrerit dolor magna eget est lorem ipsum dolor sit”, *Solar Energy*, **107**, 940, (2016).
3. A. Lim**‡**, **B. Kim‡**, B. C. Oh, D.-E. Jung, and G. -D. Hong\*, “Volutpat odio facilisis mauris sit amet massa” *Nano Letters*, **43**, 109, (2017). **‡***co-first authors*
4. **B. Kim,** A. Jun, B. Song, C. Kim, D. Choi, and G.-D.Hong\*, “Commodo odio aenean sed adipiscing diam donec adipiscing tristique. Mi eget mauris pharetra et”, *Under Review*

# Publications (non-sci)

1. B. C. Lee, D. E. Park, F.-G. Kang, **B. Kim**, H. Kim, and G.-D. Hong\*, “Senectus et netus et malesuada. Nunc pulvinar sapien et ligula ullamcorper malesuada proin”, New. Phys., **102**, 1027, (2017)
2. B. Jo, C.-D. Yang, **B. Kim**, E.-F. Lim, and G.-D. Hong\*, “Neque convallis a cras semper auctor. Libero id faucibus nisl tincidunt eget”, *New Solar Energy*, **107**, 940, (2018).

# Patents

1. A. B. Chung, C. Jung, D. E. Choi, F. Chang, G. Oh, H. I. Cho, **B. Kim**, “Lorem ipsum dolor sit amet, consectetur adipiscing elit”

Korea - Application No.10-2019-0000000

1. A. B. Chung, C. D. Min, E. Chang, F. Jung, **B. Kim**, G. H. Yoon, I. J. Kim, “uis hendrerit dolor magna eget est lorem ipsum dolor sit”

Korea - Registration No.10-2018-0000001

US – Application No. 15/111,111

Europe – Application No. 11111111.1

# International Conferences

1. **B. Kim**, A. B. Jun, G. -D. Hong, “Non tellus orci ac auctor augue. Elit at imperdiet dui accumsan sit”, ACS 2016 Fall Meeting, Orlando, FL, USA (2016).
2. **B. Kim**, G. -D. Hong, “Ornare arcu dui vivamus arcu felis. Egestas integer eget aliquet nibh praesent”, ECS AiMES, Cancun, Mexico (2017) – oral.
3. **B.Kim**, A.-M. Yi, and G.-D. Hong, “In hac habitasse platea dictumst quisque sagittis purus”, Materials Research Society (2017 MRS spring meeting), San Francisco, CA, USA (2017), *Nominee for Poster Award*.

# Domestic Conferences

1. **B. Kim**, B. C. Jun, G. -D. Hong, “Feugiat in fermentum posuere urna nec tincidunt praesent”, The Korean Physical Society, 2016 Fall Meeting, Daejeon, Korea (2016) – oral.
2. **B. Kim**, G. -D. Hong, “Consequat interdum varius sit amet mattis vulputate enim”, KME2017, Seoul, Korea (2017) – oral.

# Research Experiences

* **Visiting Scientist** at *Department of Applied Physics, Oxbridge University*Aug. 2017 ~ Dec. 2017
* Development of new biomaterials
* **Research Intern** at *Department of Physics, Hankuk National University*Mar. 2015 ~ Feb. 2016
* Nanostructure fabrication via plasma treatement

# Awards and Honors

2017 Superior Academic Performance, Hankuk National University, Korea

2016 Graduation with honors: *summa cum laude*, Hankuk National University, Korea

2010 ~ 2016 National Science and Technology Scholarship (full tuition), Ministry of Science, Korea