CURRICULUM VITAE

Name: Duhee Bang

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Phone: 010-3357-0611

Position: Associate Professor

Institution: Yonsei University

Location: Seoul, Korea

Education:

2001-2005 Ph.D, Chemistry, University of Chicago (Steve Kent Lab)

1994-1998 BS, Chemistry, Yonsei University

Representative Careers:

2013- present Associate Professor, Chemistry, Yonsei University

2009-2012 Assistant Professor, Chemistry, Yonsei University

2006-2009 Postdoctoral Fellow, Genetics, Harvard Medical School

Specialty & Present Interest:

Single cell genomics, Synthetic Biology, Antibody engineering

Representative papers (up to 5):

Lim, Hyeonseob; Cho, Namjin; Ahn, Jinwoo'; Park, Sangun; Jang, Hoon; Kim, HwangBeom; Lee, Ji Hyun ; **Bang, Duhee*** "Highly selective retrieval of accurate DNA utilizing a pool of in situ-replicated DNA from multiple next-generation sequencing platforms, ***Nucleic Acids Research***, 2018

Namjin Cho, Byungjin Hwang, Jung-Ki Yoon, Sangun Park, Joongoo Lee, Han Na Seo, Jeewon Lee, Sunghoon Huh, Jinsoo Chung, and **Duhee Bang***, "De novo assembly and next-generation sequencing to analyze full-length gene variants from codon-barcoded libraries", ***Nature Communications***, 2015

Howon Lee, Hyoki Kim, Sungsik Kim, Taehoon Ryu, Hwangbeom Kim, **Duhee Bang***, Sunghoon Kwon*, "Sniper Cloning: A high-throughput opto-mechanical retrieval method of sequence-verified clonal DNA from the NGS platform", ***Nature Communications***, 2015

Jung-Ki Yoon, Jinwoo Ahn, Han Sang Kim, Soo Min Han, Hoon Jang, Min Goo Lee, Ji Hyun Lee, and **Duhee Bang***, "microDuMIP: Target-enrichment technique for microarray-based duplex molecular inversion probes", ***Nucleic Acids Research***, 2015

Hwangbeom Kim, Hyojun Han, Jinwoo Ahn, Joongoo Lee, Namjin Cho, Hoon Jang, Hyoki Kim, Sunghoon Kwon, and **Duhee Bang*** "High-throughput Construction of Large DNA Molecules", ***Nucleic Acids Research***, 2012, 40, e140