

- **Name:** Sunbae Lee
 - **Current Position & Affiliation:** Director, Research & Development Center, Alteogen Inc., Daejeon.
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• **Educational Background:**

1. Research Scientist, Division of Medicinal Chemistry, University of Texas at Austin, Texas.
2. Postdoctoral Fellow, Department of Biochemistry and Biophysics, Texas A&M University, Texas.
3. Ph. D., School of Chemistry, Seoul National University, Seoul, Korea.
4. BA & MS, School of Chemistry, Seoul National University, Seoul, Korea.

• **Professional Experience:**

Director, Alteogen Inc. Daejeon, Korea, May 2012 ~ present

• **Main Scientific Publications: (20 peer-reviewed papers, represented by following)**

1. **Sunbae Lee**, Mangalika Warthaka, Chunli Yan, Tamer Kaoud, Pengyu Ren, Kevin N. Dalby, "Examining Docking Interactions on ERK2 with Modular Peptide Substates", *Biochemistry* 2011, 50 (44), 9500.
2. **Sunbae Lee**, Mangalika Warthaka, Chunli Yan, Tamer Kaoud, Andrea Piserchio, Ranajeet Ghose, Pengyu Ren, Kevin N Dalby, "A Model of a MAPK-Substrate Complex in an Active Conformation: A Computational and Experimental Approach", *Plos One* 2011, 6(4), e18594.
3. **Sunbae Lee**, Alphonse I. Arunkumar, David Giedroc "Structural Insights into Homo- and Heterotropic Allosteric Coupling in the Zinc Sensor S. aureus CzrA from Covalently Fused Dimers", *J. Am. Chem. Soc.* 2006, 128, 1937.
4. **Sunbae Lee** and Du-Jeon Jang, "Progressive rearrangement of subtilisin Carlsberg into orderly and inflexible conformation with Ca²⁺ binding", *Biophys. J.* 2001, 81, 2972.
5. **Sunbae Lee** and Du-Jeon Jang, "Cation-binding sites of subtilisin Carlsberg probed with Eu(III) luminescence", *Biophys. J.* 2000, 79, 2171.
6. **Sunbae Lee**, Hanshin Hwang, Pilseok Kim, and Du-Jeon Jang, "Time-resolved Eu luminescence spectra and kinetics at various Y zeolitic environments", *Catal. Lett.* 1999, 57, 221.