

## **Sasilada Sirirungruang**

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(203) 706-0250  
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### **Education**

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Massachusetts Institute of Technology, Cambridge, MA  
Candidate for Bachelor of Science in Chemistry, expected graduation 2014  
GPA: 5.0/5.0

### **Research Experiences**

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David H. Koch Institute for Integrative Cancer Research Cambridge, MA  
Laboratory of Prof. Robert Langer; Research Assistant Jan 2011-Present

- Develop siRNA delivering system to silence the expression of disease-causing genes
- In charge of synthesizing, purifying, and analyzing potential siRNA carriers

Chulabhorn Research Institute Bangkok, Thailand  
Translational Research Unit; Researcher Jun 2011-Aug 2011

- Optimize analysis assay for quantification of N-Neuramunic acid in Erythropoietin products
- Establish platform for analysis of Erythropoietin aggregations

### **Awards**

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Royal Thai Scholarship, sponsored by Development and Promotion of Science and Technology Project 2009-completion of Ph.D.

Silver medal, 41<sup>st</sup> International Chemistry Olympiad Jul 2009, Cambridge, UK

Best Performance, national standardized college entrance examination to the Department of Science, Chulalongkorn University Jun 2009, Bangkok, Thailand

### **Leadership and Experiences**

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Freshmen Associate Advisor May 2011-Present  
Organizing committee of Society of Women in Engineers (SWE) Region F conference May 2011-Present  
Cultural Chair of Thai Students at MIT May 2011-Present  
Mentor of ScienceProject by MIT chapter of Tau Beta Pi Sep 2010-May 2011  
MIT Terrascope Program Sep 2010-May 2011  
Freshman representative on Outreach branch of SWE Sep 2010-Dec 2010

### **Skills**

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Programming Languages: Python, MATLAB  
Language: English, Thai