1. Title of Seminar:
The 16th Japan-Korea Seminar on Organic Chemistry

2. Period of Seminar: From September 27, 2013 To September 30, 2013 (date) (date) 4 days

3. Place of Seminar: Sendai, Japan (city) (country)

4. Total Budget
   a. Financial Support by JSPS: Total amount: 1,200,000 thousand yen
   b. Other Financial Support: Total amount: 0 thousand yen

5. Co-Organiizers
   a. Japanese Organizer
      | Name         | Naoto Chatani |
      | Institution  | Osaka University / Department of Applied Chemistry |
      | Department   | Professor |
   b. Korean Organizer
      | Name         | Chul-Ho-Jun |
      | Institution  | Yonsei University / Department of Chemistry |
      | Department   | Professor |

6. Participants

a. List of Japanese-side Participants (Except for Organizer)

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Department</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUJITA, Makoto</td>
<td>Univ of Tokyo/Applied Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>GOTO, Kei</td>
<td>TIT/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>INOUE, Masayuki</td>
<td>Univ of Tokyo/ Pharmaceutical Sciences</td>
<td>Professor</td>
</tr>
<tr>
<td>ISHIHARA, Kazuyuki</td>
<td>Nagoya Univ/Engineering</td>
<td>Professor</td>
</tr>
<tr>
<td>IWASAWA, Nobuharu</td>
<td>TIT/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>KUBO, Takashi</td>
<td>Osaka Univ/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>NAKAMURA, Masaharu</td>
<td>Kyoto Univ/ Inst. for Chem. Res.</td>
<td>Professor</td>
</tr>
<tr>
<td>NAKATANI, Kazuhiko</td>
<td>Osaka Univ/ISIR</td>
<td>Professor</td>
</tr>
<tr>
<td>SUGINOME, Michinori</td>
<td>Kyoto Univ/Synth. Chem. &amp; Bio. Chem.</td>
<td>Professor</td>
</tr>
<tr>
<td>SUZUKI, Keisuke</td>
<td>TIT/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>TOMOOKA, Katsuhiko</td>
<td>Kyushu Univ/Inst of Material Chem.</td>
<td>Professor</td>
</tr>
<tr>
<td>TSUJI, Hayato</td>
<td>Univ of Tokyo/Chemistry</td>
<td>Assoc. Professor</td>
</tr>
<tr>
<td>YAMAGUCHI, Shigehiro</td>
<td>Nagoya University/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>WATANABE, Hidenori</td>
<td>Univ of Tokyo/ Applied Biological Chem.</td>
<td>Professor</td>
</tr>
</tbody>
</table>

b. List of Korean-side Participants (Except for Organizer)

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/Department</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHANG, Sukbok</td>
<td>KAIST/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>CHO, Cheon-Gyu</td>
<td>Hanyang University/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>HA, Hyun-Joon</td>
<td>Hankuk Univ. of Foreign Studies/Chem.</td>
<td>Professor</td>
</tr>
<tr>
<td>HONG, Sungwoo</td>
<td>KAIST/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>JANG, Woo-Dong</td>
<td>Yonsei University/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>KANG, Sung Ho</td>
<td>KAIST/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>KIM, Byung Moon</td>
<td>Seoul National University/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>KIM, Sanghee</td>
<td>Seoul National University/Pharmacy</td>
<td>Professor</td>
</tr>
<tr>
<td>LEE, Chulbom</td>
<td>Seoul National University/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>LEE, Hee-Yoon</td>
<td>KAIST/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>PARK, Jaivook</td>
<td>POSTEC/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>PARK, Seung Bum</td>
<td>Seoul National University/Chemistry</td>
<td>Professor</td>
</tr>
<tr>
<td>TAE, Jinsung</td>
<td>Yonsei University/Chemistry</td>
<td>Professor</td>
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c. List of Other Countries’ Participants

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<tr>
<th>Name</th>
<th>Institution/Department</th>
<th>Position</th>
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Number of Participants:

Japanese: 15     Korean: 14     Others: 0
7. Objective of Seminar

This Japan-Korea bilateral seminar originated back in the late seventies, when some of the most active organic chemists including Professors Teruo Matsuura (Kyoto University), Soichi Misumi (Osaka University), and Nung Min Yoon (Sogang University) agreed to hold a Joint Seminar on Organic Chemistry in order to deepen the mutual understanding between organic chemists and to activate the exchange of scientific information and human resources between Japan and Korea. Since that time, the seminars have been organized every two or three years alternately in Japan and Korea. The last seminar was held as the 15th of this series and was held in Gyeongju, Korea on September 30 to October 3, 2011. This meeting was co-organized by Professor Chul-Ho Jun (Department of Chemistry, Yonsei University) and myself.

Through such interactions, we learned from each other the nature of the organic chemistry currently being carried out in Japan and Korea and from where mutual interested in organic chemistry are located. Based on this information, more and more Korean scientists and students, who would have been interested previously in visiting the US, came to Japanese research laboratories and more and more Japanese professors visited Korea for lecture tours. Bilateral agreements have been established for scientific exchange between various universities. In fact, One Korean postdoctoral associate joined my group and worked with me for two years.

By exchanging the latest scientific results and ideas in the field of organic chemistry and developing close personal contact between the organic chemists of both countries, this seminar promises to continue to enhance the following achievements.
1. Further cooperation and collaboration between organic chemists from both Japan and Korea.
2. Stimulating academic research in the field of organic chemistry and developing new directions in the basic research for the participants.
4. Pioneering interdisciplinary research between organic chemistry, bioscience, and material science.
8. Schedule and Topics of Seminar

During September 27-30, 2013, 29 delegates from Japan and Korea met at Sendai to attend the 16th Japan–Korea Seminar on Organic Chemistry. At the Seminar, we all presented the latest findings from each participating laboratory, exchange opinions and ideas for deepening the disciplines of organic chemistry and widening its potential as the molecular basis of a new technology for the 21st century.

Main Topics of Discussion:
Category 1: Total Synthesis of Bioactive Natural Products
Category 2: Bioorganic Chemistry
Category 3: New Organic Reactions
Category 4: New Reactions and Asymmetric Catalysts
Category 5: New Materials and Molecular Assembles

Program Schedule:
1st Day (September 27, 2013)
13:30–15:20   Registration
15:20–15:30   Opening Remarks
15:30–16:30   Session I
16:50–18:00   Session II
19:30–21:30   Session III

2nd Day (September 28, 2013)
9:00–10:30   Session IV
10:50–12:30   Session V
14:30–15:30   Session VI
15:50–17:30   Session VII

3rd Day (September 29, 2013)
9:00–10:30   Session VIII
10:50–12:30   Session IX
14:00–15:00   Session X
15:20–17:00   Session XI
17:00–17:10   Closing Remarks
18:00–20:00   Banquet

4th Day (September 30, 2013)
9:00–12:00   Excursion (Matsushima)