# **Curriculum Vitae**

#### October 11, 2016

Name: Susumu KITAGAWA

Date of birth: July 4, 1951

Title: Director Professor, Dr. Eng.



Affiliation:Institute for Integrated Cell-Material SciencesDepartment of Synthetic Chemistry and Biological Chemistry, Kyoto University<br/>Katsura, Nishikyo-ku, Kyoto, 615-8510, Japan

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|---------------------------------|---|
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|                                 | http://www.sbchem.kyoto-u.ac.jp/kitagawa-lab/index-e.html |
|                                 | http://www.kitagawa.icems.kyoto-u.ac.jp/MC2/              |
|                                 | http://www.kitagawa.icems.kyoto-u.ac.jp/katsura/?lang=en  |

#### **Education:**

| 1975-1979 | Kyoto University, Graduate School, Hydrocarbon Chemistry, PhD degree |
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| 1971-1974 | Kyoto University, Undergraduate course, Hydrocarbon Chemistry        |

#### **Professional Appointments:**

| 2013-Present | Director, Institute for Integrated Cell-Material Sciences, Kyoto University           |
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| 2007-2012    | Deputy Director, Institute for Integrated Cell-Material Sciences, Kyoto University    |
| 1998-Present | Professor, Department of Synthetic Chemistry & Biological Chemistry, Kyoto University |
| 1992-1998    | Professor, Department of Chemistry, Tokyo Metropolitan University                     |
| 1988-1992    | Associate Professor, Department of Chemistry, Kinki University                        |
| 1986-1987    | Visiting Scientist, Department of Chemistry, Texas A & M University                   |
|              | F. A. Cotton Laboratory   |
| 1983-1988    | Lecturer, Department of Chemistry, Kinki University                                   |
| 1979-1983    | Assistant Professor, Department of Chemistry, Kinki University                        |

#### Award:

| 2016 | 2016 Fred Basolo Medal for Outstanding Research in Inorganic Chemistry |
|------|--|
|      | (Northwestern University)  |
| 2016 | 2016 Thomson Reuters Highly Cited Researcher                           |
| 2016 | 2016Japan Academy Prize  |
| 2015 | Marco Polo della Scienza Italiana                                      |
| 2014 | Thomson Reuters Highly Cited Researcher                                |
| 2013 | The 10 <sup>th</sup> Leo Esaki Prize                                   |
| 2013 | The RSC de Gennes Prize  |
| 2013 | The fellow of the UK Royal Society of Chemistry (RSC)                  |
| 2013 | 2013 Kyoto University Shi-Shi Award                                    |
| 2011 | Kyoto News Paper Awards FY2011   |

| 2011 | The 22nd Member, Science Council of Japan   |
|------|---|
| 2011 | The Medal with Purple Ribbon 2011 (The Japanese Government)                       |
| 2011 | The Honorary Fellowship of the Council of the Chemical Research Society of India  |
|      | (CRSI)  |
| 2011 | Research Category, Prizes for Science and Technology, The Commendation for        |
|      | Science and Technology by the Minister of Education, Culture, Sports, Science and |
|      | Technology  |
| 2010 | Thomson Reuters Citation Laureate (Chemistry)                                     |
| 2009 | The Chemical Society of Japan Award, Japan  |
| 2008 | Humboldt Research Award, Germany  |
| 2007 | The Japan Society of Coordination Chemistry Award, Japan                          |
| 2007 | Earl L. Muetterties Memorial Lectureship, University of California, Berkeley      |
| 2002 | The Chemical Society of Japan Award for Creative Work, Japan                      |

## **Research interests:**

Coordination Chemistry, Porous Materials, Inorganic Chemistry

# **Professional Recognition:**

| 2013-2018 | Project Leader of ACCEL, JSPS  |
|-----------|--|
| 2013-2018 | Project Leader of Grant-in-Aid for Scientific Research for Specially Promoted Research |
|           | "Chemistry of Hierarchical Coordination Space"   |
| 2012-2018 | Project Leader of ACT-C, JSPS "Synthesis of porous coordination-based catalyst for     |
|           | conversion of carbondioxide to methanol"   |
| 2010-2013 | Project Leader of NEDO "Development of Fundamental Technologies for Green and          |
|           | Sustainable Chemical Processes"  |
| 2007-2013 | Research Director of ERATO program, "ERATO Kitagawa Integrated Pores Project"          |
| 2004-2007 | Leader of MEXT Grant; Priority Area, "Chemistry of Coordination Space"                 |

## **Current Professional Services**

| 2015-Present | MOF Technologies Advisory Board  |
|--------------|--|
| 2015-Present | iChEM International Advisory Board   |
| 2015-Present | Editorial Board Chair, ChemNanoMat   |
| 2015-Present | Editorial Advisory Board, ACS Central Science                                      |
| 2014-Present | Guest Professor, Southeast University  |
| 2014-Present | Academic Research Council, The Singapore Ministry of Education (MOE)               |
| 2014-Present | Scientific Advisory Board, KAUST   |
| 2014-Present | Advisory Board, Materials Horizons   |
| 2014-Present | Editorial Board, Colloid and Interface Science Communications                      |
| 2014-Present | Editorial Advisory Board, Bulletin of the Chemical Society of Japan (BCSJ)         |
| 2014-Present | Senior Editor, Chemistry Letters   |
| 2013-Present | Technical Advisory Council, Department of Chemistry, University of California,     |
|              | Berkeley   |
| 2012-Present | Advisory Board, Biomaterials Science   |
| 2012-Present | President, Japan Society of Coordination Chemistry                                 |
| 2012-Present | Editorial Board Members, Advanced Porous Materials                                 |
| 2012-Present | International Advisory Board, Encyclopedia of Inorganic and Bioinorganic Chemistry |
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| 2010 D       |   |
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| 2010-Present | Editorial Advisory Board, Crystal Growth & Design                     |
| 2010-Present | International Advisory Board, Angewandte Chemie International Edition |
| 2010-2012    | Editorial Board, Polyhedron   |
| 2009-Present | Editorial Board, Chemistry, An Asian Journal                          |
| 2008-2012    | Editorial Board, CrystEngComm   |
| 2007-2009    | Advisory Board, Inorganic Chemistry                                   |
| 2007-Present | International Advisory Board, European Journal of Inorganic Chemistry |
| 2006-Present | Advisory Editorial Board, Chemical Communications                     |
| 2006-2007    | Chair, Library Committee, Japan Society of Coordination Chemistry     |
| 2006-2008    | International Advisory Board, Chemistry, An Asian Journal             |
| 2006-Present | Editorial Board, Inorganica Chimica Acta                              |
| 2006-2011    | Editorial Advisory Board, Chemistry of Materials                      |
| 2006-2015    | Editorial Board, Coordination Chemistry Reviews                       |
| 2004-2013    | Advisory Board, Chemistry Letters                                     |
| 2004-2010    | TOPIC Editors, Crystal Growth & Design                                |
| 2001-2002    | Vice President, Japan Society of Coordination Chemistry               |
| 2000-2001    | Councilor, Japan Society of Coordination Chemistry                    |
| 1993-1994    | Councilor, Japan Society of Coordination Chemistry                    |
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