

## Curriculum Vitae

**Name:** Akihiro KISHIMURA (Date of Birth: May 17, 1977)

**Title:** Associate Professor, Ph. D.

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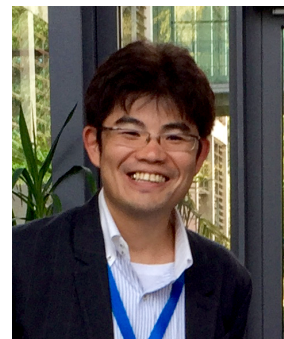
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**Researchmap URL:** <https://researchmap.jp/read0103082>



### Short biography:

Akihiro Kishimura received his PhD degree of engineering under the supervision of Prof. T. Aida from the University of Tokyo in 2005. After his career as an assistant professor in the research group of Prof. K. Kataoka (The University of Tokyo) from 2006 to 2013, he moved to Kyushu University as an associate professor in 2013. He joined Science Council of Japan in 2016, and worked as the chair of Young Academy of Japan (2017-2020). He was also a member of the Global Young Academy (2017-2022). Since 2020, he has been appointed as an Executive Assistant to the President of Kyushu University and worked as a member of the Q-dai Science Communication Promoting Group (Q-STRING). His present research focuses on nanomedicine, and molecular system toward artificial cells by mimicking crowded environments of living system.

### Research Interests:

**Nano-materials, Supramolecular Chemistry, Polymer Science, Colloid and Interface Science, Coordination Chemistry, Bioinorganic Chemistry, Biochemistry, Drug Delivery System, Nano-pathophysiology, Artificial Cells**

### Summary of the Present Work:

The research focuses on the synthesis and structural analysis of polymeric nano-/micro-structures especially in aqueous media based on supramolecular approaches. The novel materials have been designed and developed particularly for biomedical applications, such as biocompatible nano-carriers for targeted drug delivery system (DDS), advanced nanosystems for nano-pathophysiology, novel nano-structured microcapsules and so on. Very recently, his group has developed new strategy of protein delivery system and enzyme-driven nano-reactors for therapeutic applications, and cytosol-mimic liquid matrix for full utilization of biomolecules in the industrial and medical context.