

Okazaki Collaborative Platform (Okazaki Research Facilities)

Core for Spin Life Sciences

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The Okazaki Collaboration Platform was established in July 2024 as an organization to promote interdisciplinary research that transcends the boundaries of the three Okazaki institutions (National Institute for Basic Biology, National Institute for Physiological Sciences, and Institute for Molecular Science). In the field of molecular science, the platform aims to elucidate the diverse structures, properties, reactivity, catalytic activity, energy conversion, and other higher-order functions and dynamic structures exhibited by atoms, molecules, and life systems through the development and application of computational science methods, the devel-

opment of advanced research techniques and light sources using light, and the design and high-density integration of new molecules and materials. Furthermore, it endeavors to conceptualize and regulate novel phenomena and functionalities. Additionally, the platform will enhance its efforts to foster internationally distinguished young researchers by collaborating with universities and research institutions both domestically and internationally.

As of November 2024, the “Core for Spin Life Science” and “Open Mix Lab [OML OKAZAKI]” have been established under this platform.