

Division of Biological Science and Technology	Research field	Biochemical Engineering	Lab. ID BS14
Laboratory web site	Ninomiya Group: <a href="http://biochemeng.w3.kanazawa-u.ac.jp/">http://biochemeng.w3.kanazawa-u.ac.jp/</a> Kuroda Group: <a href="http://ionicliquid.w3.kanazawa-u.ac.jp/en/index.html">http://ionicliquid.w3.kanazawa-u.ac.jp/en/index.html</a> Tsuge Group: <a href="https://sites.google.com/site/ytsugelab/">https://sites.google.com/site/ytsugelab/</a>		
Research subjects			
Ninomiya Group: We engaged in "bio-based manufacturing" to contribute to "maintenance of human health" and "conservation of the global environment" . Kuroda Group: We are developing new ionic liquids for biorefinery, cryopreservation of cells, and dissolution of sparingly-soluble drugs. Through this, we aim to industrialize bioethanol and cryopreserve ova for infertility treatment. Tsuge Group:			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
Ninomiya Group: Engineering the unique structures and functions of living organisms as raw materials, catalysts, and designs, and applying the resulting technologies and substances to environmental and medical applications. Kuroda Group: In the Master's course, students will conduct research that can compete on a global scale, with the goal of writing one international paper in English on their own. In the doctoral course, students will further brush up their skills and become researchers who can work at the cutting edge of research in the world. Tsuge Group:			
Daily life in the laboratory, etc.			
Ninomiya Group: We are a group of about 12 people consisting of undergraduate and graduate students. They conduct research on their own initiative. Kuroda Group: We aim to be a laboratory where both research and fun are enjoyed three times as much. Tsuge Group:			
Message or comments by the laboratory faculty staffs			
Ninomiya Group: We are looking for student who take on the challenge of "manufacturing with biotechnology," have a strong interest in both "biology" and "manufacturing" . Kuroda Group: If you are interested, let's change the world together! Tsuge Group:			
Laboratory mail address	Ninomiya Group: <a href="mailto:ninomiya@se.kanazawa-u.ac.jp">ninomiya@se.kanazawa-u.ac.jp</a> Kuroda Group: <a href="mailto:kkuroda@staff.kanazawa-u.ac.jp">kkuroda@staff.kanazawa-u.ac.jp</a> Tsuge Group: <a href="mailto:ytsuge@staff.kanazawa-u.ac.jp">ytsuge@staff.kanazawa-u.ac.jp</a>		