

Appplied
Biological
Chemistry

Overview of **ABC**

Students work on various scientific issues associated with **life science, environment, and food** from such aspects as **chemistry** and dynamics of material. They will be able to contribute to society based on practical abilities for identifying and solving problem in a wide range of fields.

Keywords

Chemistry, Life science

Environment, and Food (CLEF**)**



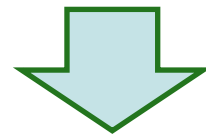
Program based on **CLEF** (in part)

Basic Lecture

Biological, Bioorganic, Organic, Analytical, Food or Biopolymer Chemistry, Molecular Biology, Applied Microbiology, and Food Immunology

Experiment

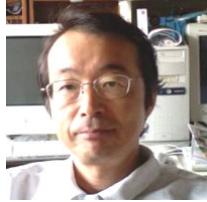
Applied Biological Chemistry for 3rd-grade



Job opportunity

Food, cosmetic, or pharmaceutical industry

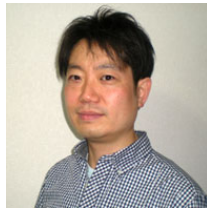
Faculties



Dr. Norihiro Azuma

Professor of Food Biochemistry

Keyword: **Milk protein**



Dr. Kiyoshi Yamada

Lecturer of Food Biochemistry

Keyword: **Milk immunology**



Dr. Kei Hashimoto

Professor of Food Chemistry

Keyword: **Phytochemicals**

Faculties



Dr. Yukihiro Kabuyama

Professor of Biochemistry

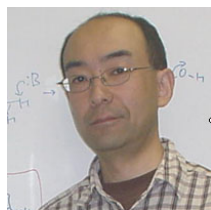
Keyword: **Collagen peptide**



Dr. Masayuki Iigo

Professor of Bio-organic Chemistry

Keyword: **Clock gene**



Dr. Ken-ichi Nihei

Associate Professor of Natural Products Chemistry

Keyword: **Tyrosinase inhibitor**

Faculties



Dr. Shunsaku Ueda

Professor of Applied Microbiology

Keyword: **Biodegradable polymer**



Dr. Isamu Maeda

Associate Professor of Applied Microbiology

Keyword: **Biosensor**



Dr. Naoto Habu

Professor of Biomaterials Science

Keyword: **Cellulose**



Dr. Naotake Konno

Associate Professor of Biomaterials Science

Keyword: **Carbohydrate**