

## Efforts made by SBI Pharmaceuticals Co., Ltd.



### **Application to medical care** utilization of 5-ALA induced PPIX

PPIX generated from 5-ALA accumulates in cancer cells. We are engaged in R&D of 'a diagnostic agent for tumor surgery' by utilizing the characteristic of PPIX that emits fluorescence by light at a specific wavelength. SBI Pharmaceuticals Co., Ltd. has been making efforts in R&D to produce safer and more effective pharmaceuticals and medical devices, which we believe will help patients suffering from various diseases.



### **Application to health care** by use of 5-ALA supporting energy production

We proceed with R&D of health products using 5-ALA that is contained in our daily foods. Joint researches have been progressing in collaboration with firms and academic institutions from various fields holding great knowledge and technology to produce high originality 5-ALA products.



### **Application to beauty** by making use of the characteristic that 5-ALA helps generating metabolic water

Our researches have been demonstrating that 5-ALA supplies and retains moisture in skin. Focusing on this characteristic of 5-ALA, we are currently conducting R&D to develop cosmetics and skin care products. We wish to help people keep and regain healthy, fresh and youthful skin by those 5-ALA products.