

(Form D)

受験番号 Examinee Number

研究計画書 Research Plan 氏名 Name Taro Tsukuba
希望指導教員名 Prospective Supervisor Dr. Iwane Suzuki
研究題目 Prospective Research Title Genetic Engineering of Lipid Metabolic Pathway of Green Microalgae for Enhancement of Biofuel Production
志望動機、研究しようとしている内容及びその計画等、卒業後の進路及び研究との関連について、記述してください。（英単語 400 語程度）Describe your motive for applying, contents of research theme, career path after graduation and its connection with your proposed research. (Within 400 words)
My motivation to study in this program is to obtain the basic knowledge and research skills of sustainable environmental sciences in both Kuala Lumpur, Malaysia and Tsukuba, Japan. My research theme is to improve the expression of the genes related to lipid production in <i>Chlamydomonas reinhardtii</i> with the aid of transcriptome data. After graduation, I will