

【研究課題名】

酵素に結合した感応性化学種の振動分光法による選択的検出と反応機構

【各研究項目の連携状況】

領域内の他の研究グループとの連携状況（予定を含む）について、①簡略化した共同研究内容②連携研究代表者姓（研究項目班）③共著論文の有無（件数）を研究内容毎に記載

① 改良型高速ストップフローラマン分光装置の開発、②廣田俊（A04）、③有（1）

【研究費の使用状況（設備の有効活用、研究費の効果的使用）】

波長可変レーザー(NUV614T1) 酵素反応中に生じる感応性化学種の共鳴ラマン分光法による検出。頻繁に利用している。

【原著論文】

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#### 【総説・解説】

小倉尚志 (伊東 忍・青野重利・林 高史編著) 「フロンティア生物無機化学 (第4章呼吸系を分担)」, 三共出版, (2016)

#### 【アウトリーチの実施状況】

2016.11.8 熊本県立熊本北高等学校の見学受け入れ(80名)