

主催: 広島大学健康

2回HiHA Seminar

拠点 Hiroshima Research Center for Healthy Ageing (HiHA)

HIROSHIMA UNIVERSITY

compounds via click-type reaction es and sulfonyl azides: Study in ne and piperine derivatives

Generating bioact between thioan gluconoan

Associate Professor Muhammad Aswad Hasanuddin University, Makassar, Indonesia

(Facilitator: Kenji Arakawa, Graduate School of Integrated Sciences for Life)

Many click-type reactions has been although in most cases, the gations practically. It has been observed that chemoselectively to produce additives. The thioamide any various solvents to continue of efficiency. Because amidiproduct framework, we use and create new glucosidase on the other research, piper ne, a modified by the reaction and produce activation on 4T1 breast cancer cells.

been created and used in biological conditions, gations require additives or catalysts to be used ed that thioamides and sulfonyl azides can react sulfonyl amidines without the need for activation sulfonyl azide were mixed at room temperature in e reaction, and water performed the best in terms is have polar and hydrophilic properties within the this reaction to derivatize sugars like nojirimycin hibitors that will be promising antidiabetic agents. The anatural product derived from pepper, was produced some derivatives that inhibit the NF- Ber cells.

学 大学 交流協定 手 今回 内容 演

click様 演 機 性医 月 日本滞在 教員 生

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<u>開催日時</u>: 令和 5 年 **10**月 **23**日(月) 15:00-16:00 会場: 広島大学先端科学総合研究棟3階 302S会議室

お問い合わせ先

- 〇 広島大学大学院統合生命科学研究科HiHA事務局(healthy-aging@hiroshima-u.ac.jp)
- 〇 荒川 賢治 (karakawa@hiroshima-u.ac.jp)