

## Example of description

for 'Research Activities for Student' in UGSAS Annual Report

Division (連合講座) : Applied Bioresources Science

University (所属大学) : Shimane

Name (氏名) : Masumi Daisenji

Year of entrance (入学年度) : Oct. 2017

Main supervisor (主指導教員名) : Taro Rendai

### I. Published Papers (公表論文)

#### Academic books (著書)

(In case of *single author*)

1) Rendai, T. : Host-Pathogen Interactions in Plant Disease (ISBN: 978-0-12-369493-5), Elsevier, Amsterdam, 257p. (2019)

(In case of *co-author*)

1) Daisenji, M. and Rendai, T. : Host-plant selection by phytophagous insects. In *Pathogenesis and Host Specificity in Plant disease* (Edited by Lehane, M.J. and Billingsley, P.F. ISBN: 978-1-4200-6177-2), CRC Press, Taylor & Francis Group, Boca Raton, pp.51-87 (2019)

#### Academic Journals (学会誌等)

1) Daisenji, M., Yamaguchi, S., Shimane, J. and Rendai, T.: Ammonia uptake in *Manduca sexta* midgut is mediated by an amiloride sensitive cation/proton exchanger: Transport studies and mRNA expression analysis of NHE7,9, NHE, and V-ATPase. *Comparative Biochemistry and Physiology, Part A*, **157**: 364-376 (Dec, 2019)

#### Others (その他)

1) Daisenji, M., Yamaguchi, S., Shimane, J. and Rendai, T.: Molecular evolution of ABC serine peptidase. *Report of Daisen Institute for Scientific Research*, **53**: 49-51 (May, 2019)

### II. Presentation at Academic Conference (学会発表)

(Add \* on the name of presenter. 'Oral' or 'Poster' should be stated.)

#### International Conference

1) Daisenji, M. \* and Rendai, T. : Thermostabilization of ovalbumin by an alkaline treatment: Examination for the possible implications of an altered serine residue. 5<sup>th</sup> Pacific Rim Food Protein Symposium (Oral). Vancouver, Canada (Aug, 2019)

#### Domestic Conference

1) Daisenji, M. \* and Rendai, T. : Thermostabilization of ovalbumin by an alkaline treatment: Examination for the possible implications of an altered serine residue. The 83<sup>th</sup> annual meeting of the Zoological Society of Japan (Poster). Aichi, Japan (Aug, 2019)

III. Invited Lectures (学会等招待講演) (※if any)

(Add \* on the name of presenter.)

International Conference

1) Rendai, T\* . and Daisenji, M. : Water saving in irrigation at the field level. The 8<sup>th</sup> International Conference on Mushroom Biology and Chemical Control. Portland, Oregon, USA (Mar, 2020)

Domestic Conference

none

IV. Others (その他特筆すべき事項)

none