

【Event】
15th Asian Natural Products Conference (ANPC)

【Overview】

The 15th Asian Natural Products Conference was held on June 30th, 2023. Six researchers from six countries including Malaysia, Indonesia, Morocco, China, India, and Japan presented about natural product chemistry.

The presenters discussed the use and value of agricultural and by-products, such as berries and argan, and also discussed the applications of natural products on Parkinson and diabetes. In the end, they also explained the stability of natural products as materials.

This meeting further revealed the value and potential of natural products in different aspects, and provided a new perspective for the development and research of natural products.

Inhibitory effect of berries on AGEs formation

- Through screening eight berry species on AGEs formation inhibitory effect, **black chokeberry** exhibited a novel inhibitory effect in all three reaction models, followed by blackcurrant, blueberry, and raspberry.
- Black chokeberry can interact with BSA, contribute to the **prevention of protein cross-linking and aggregate formation and protect the secondary structure of proteins** to indirectly reduce the formation of AGEs.

15th ASIAN NATURAL PRODUCT CONFERENCE

Synthesis of chrysin derivatives for inhibiting α -glucosidase activity

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June, 30th 2023

A slide presented by Ms. Baoyue Cui

A slide presented by Ms. Rita Hairani

RESULTS: Body weight & brain weight assessment

- The administration of rotenone to male Sprague Dawley rats has not shown significant differences on body weight and brain weight.
- Rather there was a consistent increase in the bodyweight till the completion of the study which suggests that rotenone LCV administration did not have any effects on body weight.

The enteroviruses causing HFMD

Picornoviridae, 7.5kb ssRNA

Enteroviruses mainly cause HFMD include:

- Coxsackie group A (CVA) 4,5,6,7,9,10,16
- Coxsackie group B (CVB) 1,2,3,5
- Ecovirus: Some serotypes (E-11)
- Enterovirus 71 (EV71) (Around 20 kinds)

A slide presented by Ms. Dithu Thekkekkara

A slide presented by Mr. Qinchang Zhu

Research Background

15th Asian Natural Products Conference

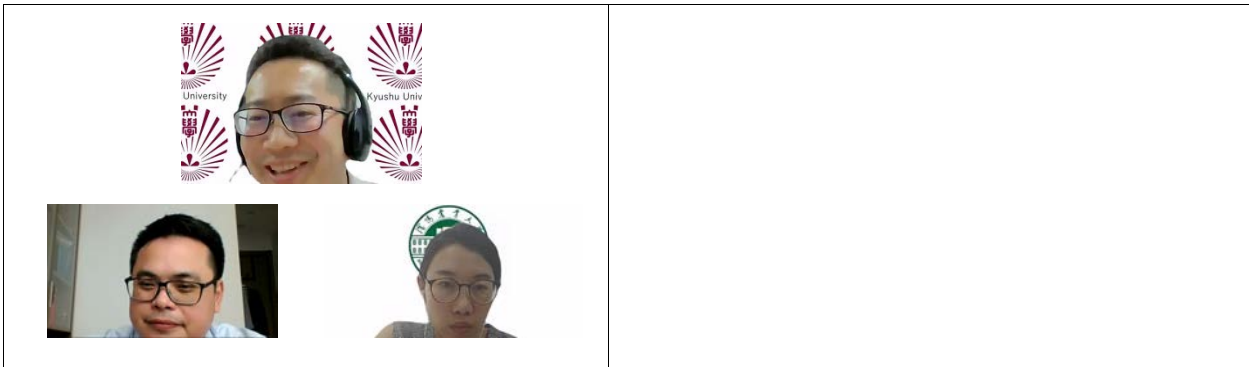
Valorisation of Argan oil and Argan byproducts

Presented by:
 Prof. Tarik OUCHBANI

31-06-2023

A slide presented by Ms. Zhiying Li

A slide presented by Mr. Tarik Ouchabani



The organizer Prof. Shimizu .
The chairs: Prof. Zhu (lower left) and Prof. Tan (lower right)



Group Photo