

108th KUASS

Kyoto University African Studies Seminar



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Association of Intestinal Helminth Infections with Atopy and Allergic Symptoms in Young Children in Batu, Ethiopia

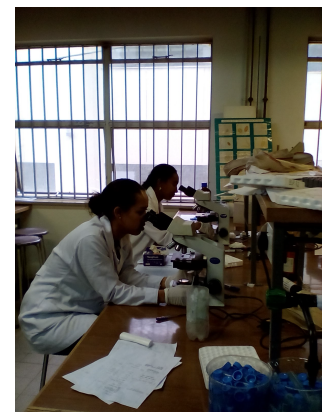
Intestinal helminth infections and allergy disorders are common causes of morbidity around the globe and their distribution seems to show that they have an inverse association. A potential role of parasitic infections having a protective role against autoimmune disorders by parasite - mediated immune suppression was implicated in 1960s. The human immune response to a helminth infection and allergic disease has a close resemblance. Helminth infections have been associated with regulatory state that impairs both responses to parasite specific and bystander antigens. Understanding the relationship between helminths and allergy could gear the future treatment strategies and provide an insight about risks and benefits of eradicating helminth infections in endemic areas. This presentation is concerned with association of intestinal helminth infections with atopy and allergic symptoms in Batu town, central Ethiopia. A total of 461 school children participated in this cross-sectional study. Data on allergic symptoms and a range of variables was gathered from parents via an interviewer-led questionnaire. Skin sensitization to house dust mite and cockroach was analyzed to assess the atopic status, and a stool sample was collected for helminth analysis.



Thursday, April 20, 2023,
15:00 - 17:00 (JST)



Hybrid Meeting On Site + Zoom (Online)
Small Conference Room II
3F, Inamori Foundation Memorial Hall,
Kyoto University



TO REGISTER

Submit your name, affiliation and email address here:

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Jamba!



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