平成２６年度 第２回 硬組織疾患ゲノムセンターセミナー

2nd Lecture Meeting of Hard Tissue Genome Research Center, 2014

硬組織疾患ゲノムセンターの連絡会議に併設して、内外の研究者をお招きしてご講演いただく「硬組織疾患ゲノムセンターセミナー」を開催しています。今回は、本学バイオリソースセンターの浦山ケヴィン先生にご講演をお願いしております。ぜひご来聴下さい。

As a monthly lecture meeting of Hard Tissue Genome Research Center, this month we organize the following meeting. The guest speaker is Dr. Kevin Urayama, Jr. Associate Professor (Tenure Track) of Bioresource Research Center. We hope that you will be joining us.

日時：　平成 26 年 7 月 29 日（火）18 時 00 分～18 時 40 分
6:00-6:40pm on 29th of July (Tue) in 2014

場所：　MD タワー23 階　共用セミナー室３
Common Seminar Room 3 on the 23rd floor of the MD Tower

Speaker: Kevin Urayama, PhD, MPH
Jr. Associate Professor (Tenure Track) of Bioresource Research Center, Dept. of Human Genetics & Disease Diversity

Title:　Immunomodulatory Exposures and Genetic Susceptibility in Childhood Acute Lymphoblastic Leukemia Etiology

Abstract:

The enduring suspicion that infections and immunologic response may play a role in the etiology of childhood leukemia, particularly acute lymphoblastic leukemia (ALL), is now supported, albeit still indirectly, by numerous epidemiological studies. The cumulative evidence includes, for example, descriptive observations of a peculiar peak incidence at age 2-5 years for ALL in economically developed countries, clustering of cases in situations of population mixing associated with unusual patterns of personal contacts, associations with various proxy measures for immune modulatory exposures early in life, and genetic susceptibility conferred by variation in genes involved in the immune system. This postulated role of infection in the causation of childhood ALL suggests that susceptibility loci may exist within the extended major histocompatibility complex such as alleles of the *HLA* genes. Recent evidence from the *California Childhood Leukemia Study* is supportive of this hypothesis.

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