

Press release

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Basic information

Name: Bo Langhoff Hønge Email: bohonge@gmail.com Phone: 23718870

Department of: Clinical Medicine

Main supervisor: Christian Erikstrup

Title of dissertation: HIV-1, HIV-2 and HIV-1/2 dual infections in Guinea-Bissau, West Africa: HIV type discrimination and immunological differences

Date for defence: October 23rd at (time of day): 14.30 Place: Auditorie J116-113, Aarhus University Hospital, Skejby

Press release (Danish)

PhD forsvar: Immundefekt ved HIV-1, HIV-2 og HIV-1/2 dobbelt infektion

Undersøgelser af HIV type 2 har ført til et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Bo Langhoff Hønge, der forsvare det d. 23/10

HIV-2 er en mildere form for HIV som hovedsageligt findes i Vestafrika. Det er ukendt hvorfor mange personer er i stand til at kontrollere HIV-2 og har en længere asymptomatisk periode sammenlignet med personer smittet med HIV-1. HIV-2 kan muligvis trigge et immun-response der også beskytter mod HIV-1. I dette PhD projekt blev 2 laboratorietests sammenlignet for at skelne mellem HIV-1, HIV-2 og HIV-1/2 dobbelt infektion. I projektet blev det også undersøgt hvordan man kan optimere optøning af frosne immun-celler. Ved at bruge disse teknikker blev immunforsvaret sammenlignet mellem HIV-1, HIV-2 og HIV-1/2 dobbeltsmittede personer fra Guinea-Bissau.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 23/10 kl. 14.30 i auditorium J116-113, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 99, Aarhus.

Titlen på projektet er "HIV-1, HIV-2 and HIV-1/2 dual infections in Guinea-Bissau, West Africa: HIV type discrimination and immunological differences".

Yderligere oplysninger: Ph.d.-studerende Bo Langhoff Hønge,
e-mail: bohonge@gmail.com, tlf. 23718870.

Bedømmelsesudvalg:

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Press release (English)

PhD defence: Immunodeficiency during HIV-1, HIV-2 and HIV-1/2 dual infection

Investigations of HIV type 2 has lead to a new PhD project carried out by Bo Langhoff Hønge, who is defending her/his dissertation on 23/10.

HIV-2 is an attenuated form of HIV which mostly circulates in West Africa. It is unknown why many individuals are able to control HIV-2 replication and have a longer asymptomatic phase compared to individuals with HIV-1 infection. HIV-2 may also be able to create an immune-response that protects against HIV-1. In this PhD-project, two laboratory tests are compared for discrimination between HIV-1, HIV-2 and HIV-1/2 duals infection. Also, in the PhD project different methods are evaluated to optimize thawing of blood immune cells. Using the above mentioned techniques, the immune system was compared to for HIV-1, HIV-2 and HIV-1/2 dually infected individuals from Guinea-Bissau.

The defence is public and takes place on 23/10 at auditory J116-113 , Aarhus University Hospital, Palle Juul-Jensens Boulevard 99, Aarhus.

The title of the project is "HIV-1, HIV-2 and HIV-1/2 dual infections in Guinea-Bissau, West Africa: HIV type discrimination and immunological differences".

For more information, please contact PhD student Bo Langhoff Hønge,
email: bohonge@gmail.com, Phone +45 2371 8870.

Assessment committee:

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