

Nye bidrag til forståelsen af Mac-1's funktioner

Xianwei Zhang, PhD student ved Inst. f. Biomedicine, forsvare sin PhD d. 20/02-2017 med titlen: "Identification and understanding properties and consequences of Mac-1 – ligand binding".

I sin afhandling, har master-of-science Xianwei Zhang studeret en immuncelle receptor kaldet Mac-1. Immunsystemet s funktion er meget afhængig af genkendelse af f.eks. patogene mikroorganismer gennem Mac-1 for at fungere ordentligt. Men mekanisme bag Mac-1 genkendelse er stadig kun dårligt forstået. Ph.d.-projektet giver ny indsigt i Mac-1s funktion i molekylær detaljer. Dette giver nye farmaceutiske muligheder i behandlingen af autoimmune sygdomme, hvor Mac-1 også spiller en rolle.

Forsvaret er offentligt og finder sted på 20/02 klokken 14.00 i "Lille Anatomisk Auditorium" (Bygning 1231, lok. 424), Aarhus Universitet, DK-8000 Aarhus C. Titlen på projektet er "Identifikation og forståelse egenskaber og konsekvenser af Mac-1 - ligand-binding". For mere information, kontakt venligst ph.d.-studerende Xianwei Zhang, e-mail: xianwei.zhang@biomed.au.dk, Telefon +45 9168 2162.

New insights of Mac-1 functions (English version)

Xianwei Zhang, PhD student at the Department of Biomedicine, will defend his PhD dissertation on 20/02-2017 with the title: "Identification and understanding properties and consequences of Mac-1 – ligand binding".

In his dissertation, Xianwei Zhang studied an immune cell receptor called Mac-1. The immune system depends heavily on pathogen recognition through Mac-1 to function properly. However, mechanism of Mac-1 recognition is still poorly understood. The PhD project provides new insights on Mac-1 function in details, and shows pharmaceutical potency to treat auto-immune diseases targeting Mac-1.

The defence is public and takes place on 20/02 at 14:00 in "Lille Anatomisk Auditorium" (Bygning 1231, lok. 424), Aarhus University, 8000 Aarhus. The title of the project is "Identification and understanding properties and consequences of Mac-1 – ligand binding". For more information, please contact PhD student Xianwei Zhang, email: xianwei.zhang@biomed.au.dk, Phone +45 9168 2162.