

Open Position for CsF candidates 2015

Department/Institute:	Department of Veterinary Medicine
Subject Area:	Virology
Name of Supervisor:	Prof. Dr. Benedikt Kaufer
Number of Positions:	1
Type of Positions	PhD
Project Title:	Development of Marek's disease virus (MDV) vaccines that do not induce immunosuppression
Project Description:	Current commercial vaccines against Marek's disease virus (MDV) have been shown to induce mild immunosuppression in vaccinated chickens. This immunosuppression (IS) reduced the immune response against Mycoplasma synoviae and likely affects the efficacy of other vaccines administered early in life. Furthermore, MDV vaccination has been shown to temporarily increase the susceptibility to E.coli and possibly also other pathogens. Despite these immunosuppressive effects, MDV vaccines are a vital tool in poultry production as they minimize the losses caused by MDV. We will set to develop novel vaccines and improve current vaccines to minimize the immunosuppressive effects, while providing complete protection against highly pathogenic MDV strains. This reduction of IS will likely enhance immune response against the plethora of vaccines that are administered early life of the chicken.
Academic Requirements:	Master of Science
Language Requirements:	English (excellent) - TOEFL > 90/120
Further Information:	http://www.vetmed.fu-berlin.de/en/einrichtungen/institute/we05/arbeitsgruppen/tumorigenese/index.html
Further Information on Ciência sem Fronteiras at FUB	http://www.fu-berlin.de/en/sites/brazil/Ciencia_sem_Fronteiras/index.html For further questions, please contact the Liaison Office of FU Berlin in São Paulo saopaulo@fu-berlin.de .
Application	http://www.csf-alemanha.de/pt/ While applying online via this website, please make sure to also upload or send a copy of the following documents to saopaulo@fu-berlin.de :

- letter of application;
- academic CV (including former study programs, internships, publications);
- one or two letters of recommendation of distinguished professors of your university.

Some of the above documents are also required by Capes, but FU Berlin needs an **English or German version of each of the listed documents**. The documents are required by the individual institution responsible for the acceptance process. They may enhance your chances to get accepted. A decision cannot be made unless they have fully been transmitted. For further questions, please contact saopaulo@fu-berlin.de.