

# TRAVEL GRANT REPORT

Determination of essential host factors for phage infection of dormant *P. aeruginosa*

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*Molecular microbiology*

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Moving to Copenhagen for six weeks to work in the laboratory of Prof. Lars H. Hansen proved to be an interesting experience under many aspects. Replicating the experiments developed during my PhD in another country with different infrastructure and work environment proved to be an entirely new challenge on its own. Once all the technical issues were solved, most of my internship had already passed and finishing my experiments in time was not easy but I made it. It was my goal to identify novel host genes essential for phage infection under non-conventional laboratory conditions via a Tn-Seq experiment. These genes can be identified by comparing the Tn-insertions of cells that survived the experiment under conventional vs. non-conventional settings.

Despite not knowing yet if my experiments were successful, I would overall describe my Danish experience as successful. Moving to and fitting in in a different country can at times be tough, however, despite the short time, I managed to build a network at the institute and get to know and live the Danish life from within. I learned many new things about science, my work and most importantly about myself and my future. My time in Denmark is over but the memories will be long lasting. I would like to thank all the collaborators involved that made my internship possible and most importantly the SSM for providing financial support.



*Discussions to design and troubleshoot experiments were frequent.*



*With colleagues, we participated in the "DHL Stafeten", one of the world's largest amateur running events.*