



## Post-doc position (f/m/d) in the field of Molecular Virology

A postdoc position is immediately available in the laboratory of Dr. Viet Loan Dao Thi at the Center of Integrative Infectious Disease (CIID) in Heidelberg, Germany. The CIID is affiliated with the University Hospital Heidelberg and embedded in the outstanding campus environment of Heidelberg University, one of the largest biomedical research hubs in Europe.

We are a young and dynamic team working on the molecular biology of hepatitis E virus (HEV) and other hepatotropic viruses. A branch of the lab is further invested in improving existing hepatocyte culture systems. To this end we are using novel stem cell-derived culture systems. For more details, please visit our website [daothilab.com](http://daothilab.com).

We are searching for an applicant with:

- A PhD or equivalent with an excellent publication record
- Experience in hiPSC/ESC culture and differentiations
- Expertise in molecular and cellular biology
- Independence and self-motivation
- Excellent verbal/written communication skills in English

The candidate will study determinants of tissue and species tropism of HEV, by differentiating stem cells into different cell types and evaluate their permissiveness to HEV infections. In order to succeed, we offer you a highly interactive, supportive, and collaborative scientific environment with state-of-the-art facilities available on the Heidelberg University campus.

Please directly email your single PDF application package (CV, motivation letter, contact details for 3 referees) or any questions to [VietLoan.DaoThi@med.uni-heidelberg.de](mailto:VietLoan.DaoThi@med.uni-heidelberg.de). The position is funded by the Chica and Heinz Schaller foundation for 2 years, with a possible extension of up to 2 years, as per the German salary regulations (TVL-13).

Relevant publications:

Zhang C, Freistaedter A, Schmela C, Gunkel M, [Dao Thi VL\\*](#), and [Grimm D\\*](#). (2021) An RNA Interference/Adeno-Associated Virus Vector–Based Combinatorial Gene Therapy Approach Against Hepatitis E Virus. *HepatoL Commun.* 0:1-11 DOI: 10.1002/hep4.1842

[Dao Thi VL](#), Wu X, Belote RL, Andreo U, Takacs CN, Fernandez JP, Vale-Silva LA, [Decker CC](#), Fu RM, Qu B, Uryu K, Molina H, Saeed M, Steinmann E, Urban S, Singarja RR, Schneider WM, Simon SM, and Rice CM. 2020. Stem cell-derived polarized hepatocytes. *Nature Commun.* 11(1):1677

Wu X, [Dao Thi VL](#), Huang Y, Billerbeck E, Saha D, Hoffmann HH, Wang Y, Vale Silva LA, Sarbanes S, Sun T, Andrus L, Quirk C, MacDonald MR, Schneider WM, An X, Rosenberg BR, and Rice CM. 2018. Intrinsic Immunity Shapes Viral Resistance of Stem Cells. *Cell.* 172(4):811-824

