

CURRICULUM VITAE



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Education background and Qualifications

2010-6/2014 PhD researcher, Department of Infectious Diseases, Robert Koch Institute, Berlin, Germany
PhD student, University of Tuebingen, Germany
1998-2004 General Medical Doctor, Vietnam Military Medical University, Hanoi, Vietnam

Working Experiences

Since 10/2018 Deputy Head of Department, Department of Medical Microbiology, 108 Military central hospital.
10/2014-9/2018 Medical Doctor and Researcher, Department of Molecular Biology, 108 Military central hospital.
2010-6/2014 PhD researcher, Department of infectious diseases, Robert Koch Institute; PhD student, University of Tuebingen.
PhD project: "Molecular epidemiology and the genetic variations of Hepatitis B and Hepatitis D viruses", Supervisors: Prof. Thomas Bock, Prof. Peter Kremsner, Defense: 02.06.2014.
2004-2009 Researcher, Biomedical Pharmaceutical Applied Research Centre (BPARC), Vietnam Military Medical University (VMMU), Vietnam.
2005 Research Fellow, Biochemistry School, Australian National University, Canberra, Australia.

Publications

1. Al Baqlani SA*, **Sy BT***, Ratsch BA*, Al Naamani K, Al Awaidy S, Busaidy SA, Pauli G, Bock CT. *Molecular epidemiology and genotyping of hepatitis B virus of HBsAg-positive patients in Oman*. PLoS One. 2014 May 16; 9(5):e97759. doi: 10.1371/journal.pone.0097759. eCollection 2014.
2. Bock CT, Döchting A, Utta F, Brunner E, **Sy BT**, Klingel K, Lang F, Gawaz M, Felix SB, Kandolf R. *Molecular phenotypes of human parvovirus B19 in patients with myocarditis*. World J Cardiol. 2014 Apr 26;6(4):183-95. doi: 10.4330/wjc.v6.i4.183.
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4. **Sy BT**, Ratsch BA, Toan NL, Song le H, Wollboldt C, Bryniok A, Nguyen HM, Luong HV, Velavan TP, Wedemeyer H, Kreamsner PG, Bock CT. *High prevalence and significance of hepatitis D virus infection among treatment-naïve HBsAg-positive patients in Northern Vietnam*. PLoS One. 2013 Oct 18;8(10):e78094. doi: 10.1371/journal.pone.0078094. eCollection 2013.
5. Toan NL*, **Sy BT***, Song le H, Luong HV, Binh NT, Binh VQ, Kandolf R, Velavan TP*, Kreamsner PG*, Bock CT*. *Co-infection of human parvovirus B19 with Plasmodium falciparum contributes to malaria disease severity in Gabonese patients*. BMC Infect Dis. 2013 Aug 15;13:375. doi: 10.1186/1471-2334-13-375.
6. Taranta A*, **Tien Sy B***, Zacher BJ, Rogalska-Taranta M, Manns MP, Bock CT, Wursthorn K. *Hepatitis B virus DNA quantification with the three-in-one (3io) method allows accurate single-step differentiation of total HBV DNA and cccDNA in biopsy-size liver samples*. J Clin Virol. 2014 Aug;60(4):354-60. doi: 10.1016/j.jcv.2014.04.015. Epub 2014 May 2
7. Hoang Van Tong, Le Huu Song, Nghiem Xuan Hoan, Bui Khac Cuong, **Bui Tien Sy**, Ho Anh Son, Do Quyet, Vu Quoc Binh, Peter G Kreamsner, Claus Thomas Bock, Thirumalaisamy P Velavan, Nguyen Linh Toan: *Soluble MICB protein levels and platelet counts during hepatitis B virus infection and response to hepatocellular carcinoma treatment*. BMC Infectious Diseases 01/2015; 15(1):25. DOI:10.1186/s12879-015-0754-x
8. Oluyinka OO, Tong HV, **Bui Tien S**, Fagbami AH, Adekanle O, Ojurongbe O, Bock CT⁶, Kreamsner PG, Velavan TP. *Occult Hepatitis B Virus Infection in Nigerian Blood Donors and Hepatitis B Virus Transmission Risks*. PLoS One. 2015 Jul 6;10(7):e0131912. doi: 10.1371/journal.pone.0131912. eCollection 2015.
9. Hoan NX, Tong HV, Hecht N, Sy BT, Marcinek P, Meyer CG, Song le H, Toan NL, Kurreck J, Kreamsner PG, Bock CT, Velavan TP. *Hepatitis E Virus Superinfection and Clinical Progression in Hepatitis B Patients*. EBioMedicine. 2015 Nov 11;2(12):2080-6. doi: 10.1016/j.ebiom.2015.11.020. eCollection 2015 Dec.
10. Cartwright SP, Bill RM, **Sy BT**, Tran-Van H, Nguyen HM. *Rapid expression and purification of the hepatitis delta virus antigen using the methylotropic yeast Pichia pastoris*. BMC Res Notes. 2017 Jul 27;10(1):340. doi: 10.1186/s13104-017-2692-8.
11. Nguyen HM, **Sy BT**, Trung NT, Hoan NX, Wedemeyer H, Velavan TP, Bock CT. *Prevalence and genotype distribution of hepatitis delta virus among chronic hepatitis B carriers in Central Vietnam*. PLoS One. 2017 Apr 12;12(4):e0175304. doi: 10.1371/journal.pone.0175304. eCollection 2017.
12. **Sy BT**, Hoan NX, Tong HV, Meyer CG, Toan NL, Song LH, Bock CT, Velavan TP. *Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection*. World J Gastroenterol. 2018 Jan 14;24(2):248-256. doi: 10.3748/wjg.v24.i2.248.
13. Binh MT, Hoan NX, Van Tong H, Giang DP, **Sy BT**, Toan NL, Song LH, Bang MH, Wedemeyer H, Meyer CG, Kreamsner PG, Bock CT, Velavan TP. *HDV infection rates in northern Vietnam*. Sci Rep. 2018 May 23;8(1):8047. doi: 10.1038/s41598-018-26446-w.
14. Binh MT, Hoan NX, Van Tong H, **Sy BT**, Trung NT, Bock CT, Toan NL, Song LH, Bang MH, Meyer CG, Kreamsner PG, Velavan TP. *NTCP S267F variant associates with decreased susceptibility to HBV and HDV infection and decelerated progression of related liver diseases*. Int J Infect Dis. 2019 Mar;80:147-152. doi: 10.1016/j.ijid.2019.01.038. Epub 2019 Jan 24.