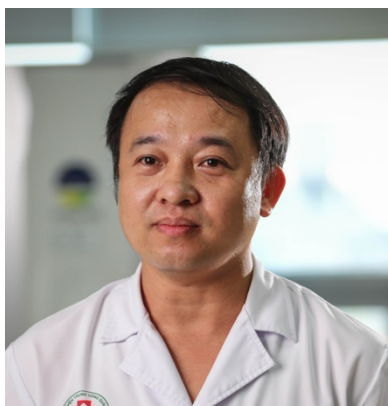


CURRICULUM VITAE



Contact Information

Dr. Bui Tien Sy
Research Group Leader, Vietnamese-German Center
for Medical Research (VG-CARE)
Department of Molecular Biology
108 Military Central Hospital
No. 1 Tran Hung Dao str., Hai Ba Trung, Hanoi, Vietnam
Tel: (+84) 974552943
Email: sybt.bv108@gmail.com

Personal Details

Name:	Tien Sy, Bui
Date of birth:	August 16 th , 1978
Place of birth:	Hatinh, Vietnam
Gender:	Male
Nationality:	Vietnamese
Language:	Vietnamese (Native), English (working knowledge), German (beginner level)

Education and Qualifications

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

Working Experience

7/2024-to date	Deputy Director, Medical Center Laboratory, 108 Military Central Hospital
10/2018-to date	Head, Department of 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 Tübingen 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

Scholarships and Grants

Project 1

Title: Establishing novel realtime RT-PCR assays to detect Ebola virus, 2015

Role: Researcher

Funder: Ministry of Science and Technology

Budget: 250.000 USD

Project 2

Title: Invasive Meningococcal Disease Among servicemen in Vietnam, Viet Nam people army, 2021

Role: Researcher

Budget: 100.000 USD

Project 3

Title: Clinical significance and molecular characterization of hepatitis E and hepatitis D virus infections in high-risk populations in Vietnam and applying advanced molecular techniques in diagnostics, 2021 - 2024

Role: Principal Researcher

Funder: Ministry of Science and Technology

Budget: 280.000 USD

Project 4

Title: Phase II Randomized, Double Blind, Placebo Controlled Trial of Neoadjuvant Artesunate in Stage II/III Colorectal Cancer in Vietnamese patients (NeoART-v trial), 2017-2021

Role: Researcher

Funder: Bundesministerium für Bildung und Forschung (BMBF, Federal Ministry of Education and Research, Germany)

International Publications

Peer-reviewed publications (*Shared first author) http://www.researchgate.net/profile/Bui_Sy

1. Al Baqlani SA*, **Sy BT***, Ratsch BA*, Al Naamani K, Al Awaidey 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, D chting 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.
3. **Sy BT**, Nguyen HM, Toan NL, Song LH, Tong HV, Wolboldt C, Binh VQ, Kremsner PG, Velavan TP, Bock CT. *Identification of a natural intergenotypic recombinant hepatitis delta virus genotype 1 and 2 in Vietnamese HBsAg-positive patients*. J Viral Hepat. 2014 Feb 18. doi: 10.1111/jvh.12228.
4. **Sy BT**, Ratsch BA, Toan NL, Song le H, Wollboldt C, Bryniok A, Nguyen HM, Luong HV, Velavan TP, Wedemeyer H, Kremsner PG, Bock CT. *High prevalence and significance of hepatitis D virus infection among treatment-na ve 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*, Kremsner 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 Kremsner, 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 Sy**, Fagbami AH, Adekanle O, Ojurongbe O, Bock CT, Kremsner 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. **Bui Tien Sy**, Nghiem Xuan Hoan, Hoang Van Tong, Christian G Meyer, Nguyen Linh Toan, Le Huu Song, Claus-Thomas Bock, Thirumalaisamy P Velavan. *Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection*. World Journal of Gastroenterology. 1007-9327. 2017
10. Hung Minh Nguyen, **Bui Tien Sy**, Nguyen Thanh Trung, Nghiem Xuan Hoan, Heiner Wedemeyer, Thirumalaisamy P. Velavan, C-Thomas Bock. *Prevalence and genotype distribution of hepatitis delta virus among chronic hepatitis B carriers in Central Vietnam*. Plos One. 1932-6203 (online). 2017

11. Mai Thanh Binh, Nghiem Xuan Hoan, Hoang Van Tong, Dao Phuong Giang, Bui Tien Sy, Nguyen Linh Toan, Le Huu Song, Mai Hong Bang, Heiner Wedemeyer, Christian G. Meyer, Peter G. Kremsner, C.-Thomas Bock, Thirumalaisamy P. Velavan. *HDV infection rates in northern Vietnam*. 2018
12. Mai Thanh Binh, Nghiem Xuan Hoan, Hoang Van Tong, **Bui Tien Sy**, Ngo Tat Trung, C-Thomas Bock, Nguyen Linh Toan, Le Huu Song, Mai Hong Bang, Christian G Meyer, Peter G Kremsner, Thirumalaisamy P Velavan. *NTCP S267F variant associates with decreased susceptibility to HBV and HDV infection and decelerated progression of related liver diseases*. International Journal of Infectious Diseases. 2019
13. Nghiem Xuan Hoan, Pham Xuan Huy, **Bui Tien Sy**, Christian G Meyer, Trinh Van Son, Mai Thanh Binh, Dao Phuong Giang, Dam Tu Anh, C-Thomas Bock, Bo Wang, Hoang Van Tong, Peter G Kremsner, Le Huu Song, Nguyen Linh Toan, Thirumalaisamy P Velavan. *High Hepatitis E virus (HEV) Positivity Among Domestic Pigs and Risk of HEV Infection of Individuals Occupationally Exposed to Pigs and Pork Meat in Hanoi, Vietnam*. Open Forum Infectious Diseases. 2019
14. Chinh Trong Nguyen, Ung Dinh Nguyen, Thuy Thi Le, Hoai Thi Bui, Anh Ngoc Thi Nguyen, Nguyet Thi Trieu, Long Phi Trieu, **Sy Tien Bui**, Chuyen Nguyen, Luong Van Hoang, Son Anh Ho, Ba Van Nguyen, Jakob Stenman, Tho Huu Ho. *Establishment of Recombinase Polymerase Amplification assay for rapid and sensitive detection of Orientia tsutsugamushi in Southeast Asia*. Acta Tropica. 2020
15. Vu Nguyen Quynh Anh, Nguyen Van Ba, Do Tram Anh, Nguyen Dinh Ung, Nguyen Hoang Hiep, Vu Thi Ly, Dinh Thi Thu Hang, **Bui Tien Sy**, Hoang Dao Chinh, Le Minh Ky, Vu Truong Phong, Nguyen Kim Luu, Nguyen Thanh Trung, Ho Anh Son, Hoang Van Luong, Nghiem Duc Thuan, Ngo Thanh Tung, Ho Huu Tho. *Validation of a Highly Sensitive qPCR Assay for the Detection of Plasma Cell-Free Epstein-Barr Virus DNA in Nasopharyngeal Carcinoma Diagnosis*. Cancer Control. 2020
16. Nghiem Xuan Hoan, Mirjam Hoechel, Alexandru Tomazatos, Chu Xuan Anh, Srinivas Reddy Pallerla, Le Thi Kieu Linh, Mai Thanh Binh, **Bui Tien Sy**, Nguyen Linh Toan, Heiner Wedemeyer, C-Thomas Bock, Peter G Kremsner, Christian G Meyer, Le Huu Song, Thirumalaisamy P Velavan. *Predominance of HBV Genotype B and HDV Genotype 1 in Vietnamese Patients with Chronic Hepatitis*. Viruses. 2021
17. Nghiem Xuan Hoan, Pham Thi Minh Huyen, Bui Dinh Tung, Dao Phuong Giang, Ngo Tat Trung, **Bui Tien Sy**, Nguyen Thi Tuan, Dang Thi Ngoc Dung, Srinivas Reddy Pallerla, Thirumalaisamy P Velavan, Mai Hong Bang, Le Huu Song. *Association of PD-L1 gene polymorphisms and circulating sPD-L1 levels with HBV infection susceptibility and related liver disease progression*. Gene. 2021
18. Pham Xuan Huy, Dang Thanh Chung, Dang Thuy Linh, Ngo Thu Hang, Sivaramakrishna Rachakonda, Srinivas Reddy Pallerla, Le Thi Kieu Linh, Hoang Van Tong, Le Minh Dung, Can Van Mao, Heiner Wedemeyer, C-Thomas Bock, Peter G Kremsner, Le Huu Song, **Bui Tien Sy**, Nguyen Linh Toan, Thirumalaisamy P Velavan. *Low Prevalence of HEV Infection and No Associated Risk of HEV Transmission from Mother to Child among Pregnant Women in Vietnam*. Pathogens. 2021
19. Chung Pham Van, The Trong Nguyen, **Sy Tien Bui**, Trong Van Nguyen, Huyen Thi Thanh Tran, Dong Trac Pham, Long Phi Trieu, Manh Dang Nguyen. *Invasive Meningococcal Disease Remains a Health Threat in Vietnam People's Army*. Infect Drug Resistance. 2021
20. Tran Thanh Tung, Jürgen Schmid, Vu Xuan Nghia, Le Chi Cao, Le Thi Kieu Linh, Ikromi Rungsung, **Bui Tien Sy**, Truong Nhat My, Nguyen Trong The, Nghiem Xuan Hoan, Christian G. Meyer, Heiner Wedemeyer, Peter G. Kremsner, Nguyen Linh Toan, Le Huu Song, C.-Thomas Bock, and

Thirumalaisamy P. Velavan. *Low Risk of Occult Hepatitis B Infection among Vietnamese Blood Donors*. Pathogens. 2022 Dec; 11(12): 1524.

21. Julian Justin Gabor, Chu Xuan Anh, ***Bui Tien Sy***, Phan Quoc Hoan, Dao Thanh Quyen, Nguyen Trong The, Salih Kuk, Peter G. Kremsner, Christian G. Meyer, Le Huu Song & Thirumalaisamy P. Velavan. *Aetiologies and clinical presentation of central nervous system infections in Vietnamese patients: a prospective study*. Scientific Reports volume 12, Article number: 18065 (2022)
22. Duyen NT, Vien MV, Khai LT, ***Sy BT***, Hoan PQ, Son LH, Phuong NTM, Nga LTT, Truong HX, Hieu PV, Trang TTH, Nga DTH, Binh NT. *Experience of Peripheral Blood CD34+ Stem Cells Collection in Autoimmune Patients*. Clin Lab. 2023 Jun 1;69(6). doi: 10.7754/Clin.Lab.2022.230111.
23. Cao LC, Martin V, Linh LTK, Giang TT, Chau NTM, Anh TNP, Nghia VX, The NT, My TN, ***Sy BT***, Toan NL, Song LH, Bock CT, Velavan TP. *High Hepatitis E Virus (HEV) Seroprevalence and No Evidence of HEV Viraemia in Vietnamese Blood Donors*. Viruses. 2023 Oct 11;15(10):2075. doi: 10.3390/v15102075.
24. Quang Huy Nguyen, Cam Linh Nguyen, Thai Son Nguyen, Bich Ngoc Do, Thi Thanh Tam Tran, Thi Thu Hang Le, Thanh Thuyet Bui, Huu Song Le, Dong Van Quyen, Juliette Hayer, Anne-Laure Bañuls, ***Tien Sy Bui***. *Genomic insights into an extensively drug-resistant and hypervirulent Burkholderia dolosa N149 isolate of a novel sequence type (ST2237) from a Vietnamese patient hospitalized for stroke*. Journal of Global Antimicrobial Resistance. Volume 37, June 2024, Pages 44-47
25. Florian Commans, Juliette Hayer, Bich Ngoc Do, Thi Thanh Tam Tran, Thi Thu Hang Le, Thanh Thuyet Bui, Huu Song Le, Anne-Laure Bañuls, ***Tien Sy Bui*** & Quang Huy Nguyen *Whole-genome sequence and resistance determinants of four Elizabethkingia anophelis clinical isolates collected in Hanoi, Vietnam*. Scientific Reports volume 14, Article number: 7241 (2024)
26. Le Chi Cao, Le Nguyen Nhat Ha, Tran Thi Giang, Vo Minh Tiep, Ngo Thi Minh Chau, Ton Nu Phuong Anh, Pham Khanh Duy, Le Phuc Nhan, Nguyen Thi Thu Hoai, Le Thi Kieu Linh, Nourhane Hafza, C Thomas Bock, Truong Nhat My, ***Bui Tien Sy***, Nguyen Linh Toan, Le Huu Song, Thirumalaisamy P Velavan. *Characterization of zoonotic hepatitis E virus in domestic pigs and wild boar in Vietnam: Implications for public health*. One Health. 2024 Jul 10:19: 100857.doi: 10.1016/j.onehlt.2024.100857. eCollection 2024 Dec.
27. ***Bui Tien Sy***, Sébastien Boutin, Le Thi Kieu Linh, Simone Weikert-Asbeck, Elias Eger, Susanne Hauswaldt, Truong Nhat My, Nguyen Trong The, Jan Rupp, Le Huu Song, Katharina Schaufler, Thirumalaisamy P Velavan, Dennis Nurjadi. *Heterogeneity of colistin resistance mechanism in clonal populations of carbapenem-resistant Klebsiella pneumoniae in Vietnam*. Lancet Reg Health West Pac. 2024 Sep 23; 51:101204. doi: 10.1016/j.lanwpc.2024.101204