

Curriculum Vitae

Personal information **Johannes Blümel**

Work experience

1. Employer: Paul_Ehrlich_Institut
 - Start date: 101998
 - End date:
 - Position: Head of Virus Safety Section
 - Activities: Assessment of virus and TSE (prion) safety of medicinal products and blood donations. Research
 - Country: Germany
2. Employer: University Hospital Bonn
 - Start date: 031993
 - End date: 091998
 - Position: Virologist
 - Activities: virus diagnostics research
 - Country: Germany

Education and training

1. Subject: University of Freiburg
 - Start date: 011991
 - End date: 031993
 - Qualification: Ph D
 - Organisation: Virology
 - Country: Germany
2. Subject: University of Freiburg
 - Start date: 101984
 - End date: 121990
 - Qualification: Diploma Biology
 - Organisation: Molecular Biology, Microbiology, Biophysics, Pyhsical Chemistry
 - Country: Germany

Additional information

Publications

1. Blümel J ,Matz B. (1995). Thermosensitive UL9 gene function is required for early stages of herpes simplex virus type 1 DNA replication. *Journal of General Virology* 76:3119_3124.
2. Blümel J, Matz B. (1996). Study on simian virus 40 DNA synthesis in herpes simplex virus_infected cells. *Virology* 217:407_412.
3. Remmert T, Blümel J, Kaiser R, Werner U, Matz B, Brackmann HH, Effenberger W, Langer G. (1996). Virusinaktivierung von Gerinnungskonzentraten im kontinuierlichen Kurzzeiterhitzungsverfahren. In 26. Hämophilie_Symposium Hamburg 1996. Ed. I. Scharrer und W. Schramm. pp223_231. Springer_Verlag, Heidelberg,
4. Dombrowski F, Eis_Hübinger AM, Ackermann T, Blümel J, Spengler U, Pfeiffer U (1997) Adenovirus_induced liver necrosis in a case of AIDS. *Virchows Arch.* 431:469_472.
5. Blümel J, Blümel E , Yassin A, Schmidt_Rotte H , Schaal KP (1998). Typing of Nocardia farcinica by pulsed_field gel electrophoresis reveals an endemic strain as source for hospital infections. *Journal of Clinical Microbiology* 36:118_122.
6. Lenz W, Blümel J, Pag U (1999). Staphylococcus aureus: den Infektionsketten auf der Spur. *mta* 14:556_562.
7. Blümel J, Gräper S, Matz B. (2000). Structure of simian virus 40 DNA replicated by herpes simplex virus type 1. *Virology* 276:445_454.
8. Schmidt I, Blümel J, Seitz H, Willkommen H, Löwer J. (2001). Parvovirus B19 DNA in plasma pools and plasma derivatives. *Vox Sanguinis* 81:228_235.
9. Blümel J, Schmidt I, Willkommen H, Löwer J. (2002). Inactivation of parvovirus B19 during pasteurization of human serum albumin. *Transfusion* 42: 1011_1018.
10. Blümel J, Schmidt I, Effenberger W, Seitz H, Willkommen H, Brackmann HH, Löwer J, Eis_Hübinger AM. (2002). Parvovirus B19 transmission by heat_treated clotting factor concentrates. *Transfusion* 42:1473_1481.
11. Seitz H, Blümel J, Schmidt I, Willkommen H, Löwer J.(2002). Comparable virus inactivation by bovine or vegetable derived Tween 80 during solvent/detergent treatment. *Biologicals* 30:197_205. 1
2. Blümel J. (2004). Cell culture_based assay of parvovirus B19 and the relevance of animal model viruses. *Developments in Biologicals* 118:107_112, 2004.
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14. Schildgen O, Gräper S, Blümel J, Matz B (2005), Genome replication and progeny virus production of Herpes

Simplex virus type 1 mutants with temperature_sensitive lesions in the origin_binding protein. Journal of Virology 79:7273_7278.

15. Kupfer B, Ruf T, Matz B, Nattermann J, Spengler U, Rockstroh JK, Brackmann HH, Blümel J, Tacke M, Kaiser R. (2005). Comparison of GB virus C, HIV, and HCV infection markers in hemophiliacs exposed to non_inactivated or inactivated factor concentrates Journal of Clinical Virology 34:42_47.
16. Blümel J, Eis_Hübinger AM, Stühler A, Bönsch C, Gessner M, Löwer J. (2005). Characterization of Parvovirus B19 Genotype 2 in KU812Ep6 Cells. Journal of Virology 79:14197_14206.
17. Seitz R, von Auer F, Blümel J, Burger R, Buschmann A, Dietz K, Heiden M, Hitzler WE, Klamm H, Kreil T, Kretschmar H, Nübling M, Offergeld R, Pauli G, Schottstedt V, Volkens P, Zerr I. (2007). Impact of vCJD on blood supply. Biologicals 35:79_97.
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23. Blümel J, Stühler A, Dichtelmüller H. (2008). Kinetics of inactivating human parvovirus B19 and porcine parvovirus by dry heat_treatment. Transfusion 48:790_79.
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25. Blümel J, Stühler A. (2010). [Important aspects of virus safety of advanced therapy medicinal products]. Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz. 53:38_44.German.
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35. Baylis SA, Hanschmann KM, Blümel J, Nübling CM. (2011) Standardization of hepatitis E virus (HEV) nucleic acid amplification technique (NAT)_based assays: an initial study to evaluate a panel of HEV strains and investigate laboratory performance. Journal of Clinical Microbiology, 49, 1234_1239.
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37. Baylis SA, Gärtner T, Nick S, Ovemry J, Blümel J.(2012). Occurrence of hepatitis E virus RNA in plasma donations from Sweden, Germany, and the United States. Vox Sanguinis 103:89_90.
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46. Willkommen H, Blümel J, Brorson K, Chen D, Chen Q, Gröner A, Kreil TR, Robertson JS, Ruffing M, Ruiz S. (2013). Meeting report: PDA Virus and TSE safety Forum. *PDA J Pharm Sci Technol* 67:81_97.
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56. Blümel J, Tounekti O (2015): Session 4: overall integrated viral clearance and adventitious agents strategy. *PDA J Pharm Sci Technol* 69: 195_205.
57. Baylis SA, Crossan C, Corman VM, Blümel J, Scobie L, Dalton HR (2015): Unusual serological response to hepatitis E virus in plasma donors consistent with re_infection. *Vox Sang* 109: 406_409.
58. Baylis SA, Corman V, Ong E, Linnen J, Nübling CM, Blümel J. (2016). Hepatitis E virus loads in plasma fractionation pools. *Transfusion* 56:2532_2537
59. Zhang W, Li L, Deng X, Blümel J, Nübling CM, Hunfeld A, Baylis SA, Delwart E. (2016). Viral nucleic acids in human plasma pools. *Transfusion* 56:2248_2255.
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Projects

Memberships

Gesellschaft für Virologie

Other Relevant Information