



## IRB | TIR

# Publications & Abstracts 2025

## Publications

**Identification of five novel ABO blood group alleles.** Kräuchi R, Henny C, Schimanski B, Niederhauser C, Lejon Crottet S. *Transfusion*. 2025 Apr 13. doi: 10.1111/trf.18247

**Circulating HBV RNA and conventional HBV markers in treatment-naïve persons with HBV in Senegal.** Bègré L, Akotia MK, Wembulua BS, Pandi M, Ndiaye O, Tine J, Bittel P, Niederhauser C, Stolz M, Rauch A, Ngom NF, Ramírez Mena A, Wandeler G, Seydi M; for SEN-B. *Circulating HBV RNA and conventional HBV markers in treatment-naïve persons with HBV in Senegal*. *J Infect Dis*. 2025 Apr 19:jiaf190. doi: 10.1093/infdis/jiaf190. Online ahead of print

**Surveillance of blood donors detects an exceptional Parvovirus B19 outbreak in Switzerland in 2023/2024.** Serricchio M, Gowland P, Widmer N, Stolz M, Waldvogel S, Thierbach J, Buser A, Suter-Riniker F, Niederhauser C. *Blood Transfus*. 2025 Jul 9. doi: 10.2450/BloodTransfus.1028. Online ahead of print. PMID: 40681464

**Tick-borne encephalitis virus seroprevalence and infection incidence in Switzerland, 2020-2021.** Brêchet A, Kohler P, Dörr T, Grässli F, Vock M, Salát J, Růžek D, Friedl A, Vuichard-Gysin D, Croxatto A, Lienhard R, Ackermann-Gäumann R. *Sci Rep*. 2025 Mar 11;15(1):8346. doi: 10.1038/s41598-025-92560-1

**Noninvasive fetal antigen genotyping: Results from a survey on the status of clinical implementation.** Banch Clausen F, Hellberg A, Toly-Ndour C, Thorup Nielsen E, de Haas M, Noninvasive Fetal Antigen Genotyping Survey Group, Akkøk CA, Alshamari A, Babic I, Bagàs TE, Bauer F, Bay JT, Bennis R, Clarke G, Costa JM, Cotorruelo C, Dellgren CD, Doescher A, Drnovsek TD, Ducreux S, El Masmouhi B, Flegel WA, Florent M, Grégory G, Guinchard E, Hasslund S, Henny C, Hirv K, Holmertz C, Houghton J, Vincent J, Ji Y, Jue H, Kaivanto E, Keller M, Kwan PS, Levy A, Liang S, Liew YW, Loosen C, Mailloux A, Minon JM, Moise KJ Jr, Nogués N, Nordström M, Orzińska A, Pahl A, Pardi C, Pedini P, Ryan H, Sorrentino JN, Steffensen R, Sørvoll IH, Thorsteinsdóttir JB, Wienzek-Lischka S. *Vox Sang*, 2025 Sep;120(9):935-943. doi: 10.1111/vox.70062. Epub 2025 Jun 9

**Anti-SARS-CoV-2 Antibody Development over Four Years in Blood Donors.** Niederhauser C, Widmer N, Tinguely C, Suter Riniker F, Fontana S, Buser A, Waldvogel S, Thierbach J, Züger M and Gowland P. *Viruses* 2025, 17(10), 1292; <https://doi.org/10.3390/v17101292> - 24 Sep 2025

**Hemolytic Disease of the Fetus and Newborn due to an Anti-LU1 (anti-Lu<sup>a</sup>) Alloantibody: A Case Report.** Weinig E, Báz E, Kaup N, Stürzel A, Lejon Crottet S. *Transfus Med Hemother* (2025) <https://doi.org/10.1159/000548244>

**Seroprevalence of *Borrelia burgdorferi sensu lato* and incidence of Lyme borreliosis in Switzerland.** Ackermann-Gäumann R, Niederhauser C, Gowland P, Angulo FJ, Loew-Baselli A, Brestrich G, Tan Y, Covi M, Pilz A, Stark J, Croxatto A, Lienhard R. *Ticks Tick Borne Dis*. 2025 Nov 15;16(6):102568. doi: 10.1016/j.ttbdis.2025.102568



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**Parvo Virus B19 Outbreak among Blood Donors in Switzerland. C. Tinguely, A. Glauser, M. Stolz, J. Gottschalk, C. Niederhauser.** ISBT 2025 Barcelona und Swisstransfusion 2025 Neuchâtel

**Prevalence of *Borrelia burgdorferi sensu lato* infections in Switzerland, 2022. Ackermann-Gäumann R, Niederhauser C, Gowland P, Angulo FJ, Loew-Baselli A, Brestrich G, Tan Y, Covi M, Croxatto A, Lienhard R** Poster presented at the 16<sup>th</sup> International Symposium on Ticks and Tick-borne Diseases, Weimar, Germany, 2025

**Obstetrical impact of anti-MUT (anti-MNS35) alloimmunization. Emeline Maisonneuve, Mathilde Gavillet, Tobias Gleich-Nagel, Christine Henny, Giorgia Canellini, Hélène Legardeur, David Baud, Sofia Lejon Crottet.** Abstract presented at SGGG Conference, 2025

**Plasmodium spp. Antibody testing of blood donors at risk in Switzerland. C. Tinguely, M. Fragnière, C. Niederhauser.** Abstract presented at 35<sup>th</sup> Regional Congress of the ISBT, Milan, Italy, 2025

**Characterization of a novel KEL variant allele. B Schimanski, R Kräuchi, S Lejon Crottet, N Thornton, V Karamatic Crew, C Niederhauser, C Henny.** Abstract presented at 35<sup>th</sup> Regional Congress of the ISBT, Milan, Italy, 2025

**Two novel alleles in the RH blood group system. C Henny, P Gowland, R Kraeuchi, B Schimanski, C Niederhauser, S Lejon Crottet.** Abstract presented at 35<sup>th</sup> Regional Congress of the ISBT, Milan, Italy, 2025

**Identification of two novel RHD variant alleles. R Kräuchi, B Schimanski, S Lejon Crottet, S Waldvogel Abramowski, C Niederhauser, C Henny.** Abstract presented at 35<sup>th</sup> Regional Congress of the ISBT, Milan, Italy, 2025

**Obstetrical impact of anti-MUT (anti-MNS35) alloimmunization. T Gleich-Nagel, M Gavillet, C Henny, G Canellini, E Maisonneuve, S Lejon Crottet.** Abstract presented at 35<sup>th</sup> Regional Congress of the ISBT, Milan, Italy, 2025

**Low risk of HBV reactivation in HBcAb-positive/HBsAg-negative persons with HIV switching to non-tenofovir-based antiretroviral therapy. Bégré L, Akotio MK, Boyd A, Béguelin C, Bittel P, Niederhauser C, Stolz M, Segeral O, Stöckle M, Braun D, Cavassini M, Elzi L, Schmid P, Rauch A, Wandeler G, Swiss HIV Cohort Study. 20<sup>th</sup> European Aids Conference, 15 -18 October, Paris**