

Vox Sanguinis Best Paper Prize winners



2025 (awarded in 2026)

Masja de Haas

Real-world performance of a clinical droplet digital polymerase chain reaction assay for non-invasive foetal blood group and platelet antigen genotyping of alloimmunized pregnant women with antibodies directed against RhD, RhE, Rhc, RhC, K1, HPA-1a or HPA-5b: a 1-year experience. Camilla Calandrini, Onno J. H. M. Verhagen, Ahmed Tissoudali, Christa H. E. Homburg, Jessica Vessies, Mark Brussee, Erik H. van Beers, C. Ellen van der Schoot, Masja de Haas

Vox Sang. 2025; 120: 170–177 <https://onlinelibrary.wiley.com/doi/full/10.1111/vox.13777>

2024 (awarded in 2025)

H. Van Remoortel

Effects of plasmapheresis frequency on health status and exercise performance in men: A randomized controlled trial, Alexandre Mortier, Jina Khoudary, Sophie van Dooslaer de Ten Ryen, Camille Lannoy, Nicolas Benoit, Nancy Antoine, Sylvie Copine, Hans Van Remoortel, Philippe Vandekerckhove, Veerle Compennolle, Louise Deldicque

Vox Sang 2024;119(2):134-143 <https://doi.org/10.1111/vox.13569>

2023 (awarded in 2024)

H. Estrada Juárez

Use of computational biology to compare the theoretical tertiary structures of the most common forms of RhCE and RhD.

Trueba-Gomez R, Rosenfeld-Mann F, Baptista-Gonzalez HA, Dominguez-Lopez ML, Estrada-Juarez H
Vox Sang 2023;118: 881-90.

2022 (awarded in 2023)

C. Vermeulen

Clinical and in vitro evaluation of red blood cells collected and stored in a non-DEHP plasticized bag system.

Vermeulen C, den Besten G, van den Bos AG, Go M, Gouwerok E, Vlaar R, Schipperus MR, Spelmink SE, Janssen M, Lagerberg JW, de Korte D, and Klei TRL.

Vox Sang 2022;117: 1163-70.

2021 (awarded in 2022)

K. L. Davison

Blood donation by men who have sex with men: using evidence to change policy.

Reynolds CA, Andrews N, Brailsford SR, Group UKBDSS

Vox Sang 2021;116: 260-72.

2020 (awarded in 2021)

N. S. Mangalmurti

RAGE interacts with the necroptotic protein RIPK3 and mediates transfusion-induced danger signal release.

Faust H, Lam LM, Hotz MJ, Qing D, Mangalmurti NS.

Vox Sang 2020;115: 729-34.

2019 (awarded in 2020)

C. McDonald

Extending the 30-minute rule for red cell units – investigation of the bacterial risk of 60-minute exposures to ambient temperature.

Aplin K, Pitt T, Allen J, Roy A, Tidey K, Ball J, McDonald C

Vox Sang 2019 Apr;114(3):189-197

2018 (awarded in 2019)

M. Möller

Thorough analysis of unorthodox ABO deletions called by the 1000 Genomes project. Möller M, Hellberg Å, Olsson ML

Vox Sang 2018 Feb;113(2):185-197.

2017 (awarded in 2018)

P.A. Steininger

Change of the metabolomic profile during short-term mononuclear cell storage.

P. A. Steininger, E. F. Strasser, B. Ziehe, R. Eckstein, M. Rauh

Vox Sang. 2017; 112(2): 163-172

2016 (awarded in 2017)

P. Chaurasia

Epigenetic and molecular signatures of cord blood CD34+ cells treated with histone deacetylase inhibitors

D. Gajzer, J. Ross, L. Winder, S. Navada, W. Zhang L. Silverman & P. Chaurasia

Vox Sang. 2016; 110(1):79-89.

2015 (awarded in 2016)

A. Greinacher

HNA antibody-mediated neutrophil aggregation is dependent on serine protease activity. T Berthold, N Schubert, S Muschter, M Rohr, J Wesche, A Reil, J Bux, T Bakchoul & A Greinacher

Vox Sang 2015, 109, 366-374

2014

Y. Takahashi

Deletion of the RUNX1 binding site in the erythroid cell-specific regulatory element of the ABO gene in two individuals with the Am phenotype. Y. Takahashi, K. Isa, R. Sano, T. Nakajima, R. Kubo, K. Takahashi, Y. Kominato, H. Tsuneyama, K. Ogasawara and M. Uchikawa^{2,3}

Vox Sang 2014 106, 167 – 175

2013

S. Ramirez-Arcos

Bacterial growth in red blood cell units exposed to uncontrolled temperatures: challenging the 30-minute rule. S. Ramirez-Arcos, H. Perkins, Y. Kou, C. Mastronardi, D. Kumaran, M. Taha, Q.-L. Yi, N. McLaughlin, E. Kahwash, Y. Lin and J. Acker
Vox Sang 2013; 105: 100 – 107

2012

A. Yver

Pharmacokinetics and safety of roledumab, a novel human recombinant monoclonal anti-RhD antibody with an optimized Fc for improved engagement of FCγRIII, in healthy volunteers. A. Yver, M.C. Homery, E. Fuseau, E. Guemas, F. Dhainaut, D. Quagliaroli, R. Beliard and J.F. Prost
Vox Sang. 2012 Oct;103(3):213-22

2011

J.P. Tung

A novel in vivo ovine model of transfusion-related acute lung injury (TRALI)
Tung JP, Fung YL, Nataatmjadja M, Colebourne KI, Esmaeel HM, Wilson K, Barnett AG, Wood P, Silliman CC, Fraser JF.
Vox Sang 2011; 100: 219 - 230