

## Vox Sanguinis Best Paper Prize winners



### 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<sup>2,3</sup>

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