



### **Addendum Publications 2015**

#### **Molekulare Diagnostik in der Immunhämatologie: Wenn die Serologie nicht mehr ausreicht**

Wagner F, Döscher A, Jungbauer C, **Lejon Crottet S**, Reil A, Weinstock C, Gassner C, Bugert P, Geisen C  
Hämotherapie 2015; 25:4-21.

### **Publications 2016**

#### **Proteomics of the red blood cells carbonylome during blood banking of erythrocyte concentrates**

**Delobel J, Prudent M, Tissot JD, Lion N**

Proteomics Clin Appl. 2016;10(3):257-266. <http://dx.doi.org/10.1002/prca.201500074>

#### **Urinary di-(2-ethylhexyl) phthalate metabolites for detecting transfusion of autologous blood stored in plasticizer-free bags**

Leuenberger N, Barras L, Nicoli R, Robinson N, Baume N, **Lion N, Barelli S, Tissot JD**, Saugy M  
Transfusion 2016;56(3):571-578. <http://dx.doi.org/10.1111/trf.13408>

#### **Management of anti-colton<sup>a</sup> alloimmunisation in pregnancy: a case report**

Kimmich N, Brand B, **Hustinx H**, Komarek A, Zimmermann R

Transfus Med. 2016;46(2):150-152. <http://dx.doi.org/10.1111/tme.12287>

#### **MNSs genotyping by MALDI-TOF MS shows high concordance with serology, allows gene copy number testing and reveals new St(a) alleles**

Meyer S, Vollmert C, Trost N, Sigurdardottir S, Portmann C, Gottschalk J, Ries J, Markovic A, Infanti L, Buser A, Amar El Dusougui S, Rigal E, Castelli D, Weingand B, Maier A, Mauvais SM, Sarrai A, Braisch MC, Thierbach J, **Hustinx H**, Frey BM, Gassner C

Early View: BR J Haematol. 2016. <http://dx.doi.org/10.1111/bjh.14095>

#### **Sensitive and fast identification of bacteria in blood samples by immunoaffinity mass spectrometry for quick BSI diagnosis**

Zhu Y, Qiao L, **Prudent M**, Bondarenko A, Gasilova N, Möller S, **Lion N**, Pick H, Gong T, Chen Z, Yang P, Lovey L, Girault H

Early View: Chem. Sci. 2016. <http://dx.doi.org/10.1039/c5sc04919a>



**Red blood cell microvesicles: a storage lesion or a possible salvage mechanism**

**Delobel J, Barelli S, Canellini G, Prudent M, Lion N, Tissot JD**

ISBT Science Series 2016;11:171-177. <http://dx.doi.org/10.1111/voxs.12179>

**Small-Scale Perfusion Bioreactor of Red Blood Cells for Dynamic Studies of Cellular Pathways: Proof-of-Concept**

**Prudent M, Stauber F, Rapin A, Hallen S, Pham N, Abonnenc M, Marvin L, Rochat B, Tissot JD, Lion N**

Front Mol Biosci. 2016. <http://dx.doi.org/10.3389/fmolb.2016.00011>

**Selective Testing of At-Risk Blood Donors for *Trypanosoma cruzi* and *Plasmodium spp.* in Switzerland**

**Niederhauser C, Gottschalk J, Tinguely C**

Transfus Med Hemother 2016;43:1-8. <http://dx.doi.org/10.1159/000446218>

**Parvovirus B19 Passive Transmission by Transfusion of Intercept® Blood System-Treated Platelet Concentrate**

**Gowland P, Fontana S, Stolz M, Andina N, Niederhauser C**

Transfus Med Hemother 2016;43:1-5. <http://dx.doi.org/10.1159/000445195>

**Antioxidant power as a quality control marker for completeness of amotosalen and ultraviolet A photochemical treatments in platelet concentrates and plasma Units**

**Abonnenc M, Crettaz D, Tacchini P, Di-Vincenzo L, Sonogo G, Prudent M, Tissot JD, Lion N**

Transfusion 2016;56(7):1819-1827. <http://dx.doi.org/10.1111/trf.13638>

**Rare donor programs in Switzerland, Germany and Austria**

**Hustinx H, Lejon Crottet S, Scharberg E A, Weinstock C**

Immunohematology 2016; Vol. 32 (2): 63-66.

**West Nile Virus preparedness plan to ensure safe blood components in Switzerland: a risk-based approach**

**Niederhauser C, Fontana S, Glauser A, Steinemann C, Koller A**

ISBT Science Series 2016;0:1-8.

**Detection of different categories of hepatitis B virus (HBV) infection in a multi-regional study comparing the clinical sensitivity of hepatitis B surface antigen and HBV-DNA testing**

Lelie N, Bruhn R, Busch M, Vermeulen M, Tsoi WC, Kleinman S, Coleman C, Reddy R, Bird A, Cable R, Goubran H, Mofteh F, El Ekiaby M, Ghiazza P, Manzini P, Favilli F, Peduzzi C, Roig R, Alvarez M, Sauleda S, **Niederhauser C**, Levicnik S, Nograsedk P, Wessberg S, Elkblom S, Lankinen M, Ulm H, Harritshoj L, Nielsen C, Jorgensen S, Erikstrup C, O'Riordan J, Brojer E, Grabarczyk P, Gdowska J, Pitotrowski D, Lam S, Teo D, Chua SS, Lin CK, Hamid Bon A, Tsuey Peng SM, Flanagan P, Brown S, Kiely P, Seed C, Castro E, Gonzales R

Transfusion. 2016;27. <http://dx.doi.org/10.1111/trf.13819>



**Too Many Blood Donors - Response Bias in the Swiss Health Survey 2012**

Volken T, Bänziger A, Buser A, Castelli D, **Fontana S**, Frey BM, Sarraj A, Sigle J, Thierbach J, Weingand T, Mansouri-Taleghani B  
Transfus Med Hemother 2016;43:400-406. <http://dx.doi.org/10.1159/000446815>

**Generalizability of Dutch Prediction Models for Low Hemoglobin Deferral: A Study on External Validation and Updating in Swiss Whole Blood Donors**

Baart AM, **Fontana S**, Tschaggelar A, Heymans MW, de Kort WL  
Transfus Med Hemother 2016;43(6):407-414. <http://dx.doi.org/10.1159/000446817>

**Is proteomics still knockin' on the hematological door?**

**Lion N, Tissot JD, Prudent M**  
Proteomics Clin. Appl. 2016;10:765-766.

**Cysteine redox proteomics of the hemoglobin-depleted cytosolic fraction of stored red blood cells**

**Delobel J, Prudent M, Crettaz D**, ElHajj Z, Riederer B, **Tissot JD, Lion N**  
Proteomics Clin. Appl. 2016;10:883-893. <http://dx.doi.org/10.1002/prca.201500132>

**Metabolomic profiling highlights oxidative damages in platelet concentrates treated for pathogen inactivation and shows protective role of urate**

**Abonnenc M, Crettaz D**, Marvin L, Grund B, **Sonego G, Bardyn M, Tissot J-D, Prudent M**, Rochat B, **Lion N**  
Metabolomics 2016;12:188-.

**Effects of oral supplementation of iron on hepcidin blood concentrations among non-anaemic female blood donors; a randomized controlled trial**

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Vox Sang 2016;110:166-71. <http://dx.doi.org/10.1111/vox.12348>

**Hepcidin as new biomarkers for detecting autologous blood transfusion**

Leuenberger N, Barras L, Nicoli R, Robinson N, Baume N, **Lion N, Barelli S, Tissot JD**, Saugy M  
Am J Hematol 2016;91:467-72. <http://dx.doi.org/10.1002/ajh.24313>

**Ineffectiveness of "save-life" arguments to promote lapsed blood donors return, a randomized trial**

Moussaoui L, **Naed D, Tissot JD**, Desrichard O  
Transf Clin Biol 2016;23:59-63. <http://dx.doi.org/10.1016/j.tracli.2016.03.003>

**Dimensions éthiques en transfusion sanguine**

**Tissot JD**, Danic B, Cabaud JJ, Garraud O  
Transf Clin Biol 2016;23:119-26. <http://dx.doi.org/10.1016/j.tracli.2016.06.007>



### **Volontariat et don de sang: compte rendu d'un séminaire de l'Institut national de transfusion sanguine**

Garraud O, Danic B, Cartron JP, Chiaroni J, Clavier B, Cuneo B, Guimelchain-Bonnet M, Hermitte A, Mackowiak S, Monsellier M, Moreau S, Papa K, Pelletier B, Pottier R, Praile R, Saillol A, **Tissot JD**, Vernant JP, Hervé C

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### **The European Hematology Association Roadmap for European Hematology Research: a consensus document**

Engert A, Balduini C, Brand A, Coiffier B, Cordonnier C, Döhner H, Duyvene' de Wit T, Eichinger S, Fibbe W, Green T, de Haas F, Iolascon A, Jaffredo T, Rodeghiero F, Salles G, Schuringa JJ, Andre' M, Andre-Schmutz I, Bacigalupo A, Bochud PY, den Boer M, Bonini C, Camaschella C, Cant A, Cappellini MD, Lo Celso C, Dimopoulos M, Douay L, Dzierzak E, Einsele H, Ferreri A, Cazzola M, De Franceschi L, Gaulard P, Gottgens B, Greinacher A, Gresele P, Gribben J, de Haan G, Hansen JB, Hochhaus A, Kadir R, Kaveri S, Kouskoff V, Kühne T, Kyrle P, Ljungman P, Maschmeyer G, Méndez-Ferrer S, Milsom M, Mummery C, Ossenkoppele G, Pecci A, Peyvandi F, Philippsen S, Reitsma P, Ribera JM, Risitano A, Rivella S, Ruf W, Schroeder T, Scully M, Socie G, Staal F, Stanworth S, Stauder R, Stilgenbauer S, Tamary H, Theilgaard-Mönch K, Thein SL, Tilly H, Trnety M, Vainchenker W, Vannucchi AM, Viscoli C, Vrielink H, Zaaijer H, Zanella A, Zolla L, Zwaginga JJ, Aguilar Martinez P, van den Akker E, Allard S, Anagnou N, Andolfo I, Andrau JC, Angelucci E, Anstee D, Aurer I, Avet-Loiseau H, Aydinok Y, Bakchoul T, Balduini A, Barcellini W, Baruch D, Baruchel A, Bayry J, Bento C, van den Berg A, Bernardi R, Bianchi P, Bigas A, Biondi A, Bohonek M, Bonnet D, Borchmann P, Borregaard N, Brækkan S, van den Brink M, Brodin E, Bullinger L, Buske C, Butzeck B, Cammenga J, Campo E, Carbone A, Cervantes F, Cesaro S, Charbord P, Claas F, Cohen H, Conard J, Coppo P, Vives Corrons JL, da Costa L, Davi F, Delwel R, Dianzani I, Domanović D, Donnelly P, DovčDrnovsek T, Dreyling M, Du MQ, Dufour C, Durand C, Efremov D, Eleftheriou A, Elion J, Emonts M, Engelhardt M, Ezine S, Falkenburg F, Favier R, Federico M, Fenaux P, Fitzgibbon J, Flygare J, Foa' R, Forrester L, Galacteros F, Garagiola I, Gardiner C, Garraud O, van Geet C, Geiger H, Geissler J, Germing U, Ghevaert C, Girelli D, Godeau B, Gökbuget N, Goldschmidt H, Goodeve A, Graf T, Graziadei G, Grieshammer M, Gruel Y, Guilhot F, von Gunten S, Gyssens I, Halter J, Harrison C, Hartevelde C, Hellström-Lindberg E, Hermine O, Higgs D, Hillmen P, Hirsch H, Hoskin P, Huls G, Inati A, Johnson P, Kattamis A, Kiefel V, Kleanthous M, Klump H, Krause D, Kremer Hovinga J, Lacaud G, Lacroix-Desmazes S, Landman-Parker J, LeGouill S, Lenz G, von Lilienfeld-Toal M, von Lindern M, Lopez-Guillermo A, Lopriore E, Lozano M, MacIntyre E, Makris M, Mannhalter C, Martens J, Mathas S, Medvinsky A, Menendez P, Migliaccio AR, Miharada K, Mikulska M, Minard V, Montalbán C, de Montalambert M, Montserrat E, Morange PE, Mountford J, Muckenthaler M, Müller-Tidow C, Mumford A, Nadel B, Navarro JT, El Nemer W, Noizat-Pirenne F, O'Mahony B, Oldenburg J, Olsson M, Oostendorp R, Palumbo A, Passamonti F, Patient R, Peffault de Latour R, Pflumio F, Pierelli L, Piga A, Pollard D, Raaijmakers M, Radford J, Rambach R, Koneti Rao A, Raslova H, Rebullà P, Rees D, Ribrag V, Rijneveld A, Rinalducci S, Robak T, Roberts I, Rodrigues C, Rosendaal F, Rosenwald A, Rule S, Russo R, Saglio G, Sanchez M, Scharf RE, Schlenke P, Semple J, Sierra J, So-Osman C, Soria JM, Stamatopoulos K, Stagmayr B, Stunnenberg H, Swinkels D, Tabor Barata JP, Taghon T, Taher A, Terpos E, Thachil J, **Tissot JD**, Touw I, Toye A, Trappe R, Traverse-Glehen A, Unal S, Vaulont S, Viprakasit V, Vitolo U, van Wijck R, Wójtowicz A, Zeerleder S, Zieger B

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### **Blood donation and/or donated blood acceptance: The different stakeholders' ethical considerations**

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### **Ethics and blood donation: A marriage of convenience**

**Tissot JD**, Garraud O

Presse Med 2016;45:e247-52. <http://dx.doi.org/10.1016/j.lpm.2016.06.016>



**Les produits sanguins thérapeutiques: des médicaments ou des produits de santé à part?**

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**Transfusion and ecology: sense, nonsense, or missense?**

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Blood Transfusion 2016. <http://dx.doi.org/10.2450/2016.0014-16>

**Impact of blood transfusion on gene expression in human reticulocytes**

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**Pénurie de données**

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**Statement regarding medical education in Switzerland**

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**Improving platelet transfusion safety: biomedical and technical considerations**

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**Autologous Blood Transfusion in Sports: Emerging Biomarkers**

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**Ethique transfusionnelle: passions d'enseignants et d'étudiants**

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