Contents

Review Articles
153 How I investigate Eosinophilia
R.L. Larsen and N.M. Savage

162 Genetic variants of erythropoietin (EPO) and EPO receptor genes in familial erythrocytosis
D. Voćanec, T. Prijatelj, N. Debeljak and T. Kunej

Original Articles
168 The CD9+CD11b−HLA-DR− immunophenotype can be used to diagnose acute promyelocytic leukemia
F. Ren, N. Zhang, Z. Xu, J. Xu, Y. Zhang, X. Chen, Y. Tan, J. Chang and H. Wang

176 Clotting and chromogenic factor VIII assay variability in post-infusion and spiked samples containing full-length recombinant FVIII or recombinant factor VIII Fc fusion protein (rFVIIIFc)

184 A comparison of global coagulation assays between normal controls and patients with thrombocytopenia
H.Y. Lim, P. Leung, V. Manitta, H. Sondurkar and P. Ho

192 Evaluating the performance of automated UV enzymatic assay for screening of glucose 6-phosphate dehydrogenase deficiency

200 A level-headed approach to measuring direct oral anticoagulants: A 2-year retrospective analysis of DOAC levels from a tertiary UK centre
N.D.R. Denny, L. Keighley, S. Siganporia, J. Thachil and M.J. Nash

208 Flow cytometry identification of nonhemopoietic neoplasms during routine immunophenotyping
A. Stacchini, S. Alberti, A. Demurtas, E. Maletta, L. Molinaro, L. Molinaro, L. Godol and M. Pasotti

218 The phenotypic and molecular diversity of hemoglobinopathies in India: A review of 15 years at a referral center
A.H. Nadkarni, A.C. Gorakshakar, P.M. Sawant, K.Y. Italia, D.S. Upadhye, M.S. Gorivale, P.R. Mehta, P. Hariharan, K. Ghosh and R.B. Colah

227 Influence of DOAC Stop on coagulation assays in samples from patients on rivaroxaban or apixaban
S. Platon and C. Hunt

234 Lnc-SOX6-1 upregulation correlates with poor risk stratification and worse treatment outcomes, and promotes cell proliferation while inhibits apoptosis in pediatric acute myeloid leukemia
X. Guan, X. Wen, J. Xiao, X. An, J. Yu and Y. Gao

242 Evaluation of next-generation sequencing-based clonality analysis of T-cell receptor gamma gene rearrangements based on a new interpretation algorithm
F. Nollet, K. Vanhouptgehm, S. Vermeire, E. Maebrencke, J. Emmerechts, H. Devos and B. Cauwelier

250 Development of new methodologies for the chromogenic estimation of betrixaban concentrations in plasma
R. Siriez, J. Evrard, J.-M. Dogne, L. Pochet, C. Bouvy, S. Lessire, F. Muller and J. Douxfils

262 Evaluation of the suitability of the World Health Organization International Reference Reagent for Hb A2 quantitation (89/666) for continued use
B. De la Salle, A.D. Stephens, B.J. Wild, C.L. Harteveld and K. Hyde

271 A CBC algorithm combined with immature platelet fraction is able to identify JAK2 V617F mutation-positive polycythemia vera patients
S. Johnson and B. Baker

277 Lack of harmonization in high fluorescent cell automated counts with body fluids mode in ascitic, pleural, synovial, and cerebrospinal fluids

287 Acute myeloid leukemia with t(10;11)(p11-12;q23.3): Results of Russian Pediatric AML registration study

293 Utility of new red cell parameters for distinguishing functional iron deficiency from absolute iron deficiency in children with familial Mediterranean fever
D. Gezgin Yildirim, Z. Kaya and S.A. Bakkaloglu

298 A pilot study to introduce a local external quality assurance scheme for D-dimers in the National Health Laboratory Service, in South Africa
H. Aggett, P. Diabula, E.S. Mayne and S. Louw
Letters to the Editor

e27 Development of a multiplex assay to detect TERC and TERT mutations associated with immunosuppression therapy failure in Aplastic Anaemia patients
K. Shires, K. Xulu and A. Rust

e32 ETP-ALL with aberrant B marker expression: Case series and a brief review of literature
S. Garg, S.K. Gupta, S. Bakhshi, S. Mallick and L. Kumar

e38 Quantitative detection of IKZF1 deletion by digital PCR in patients with acute lymphoblastic leukemia

e41 Utility of peripheral blood smear in rapid diagnosis of Pertussis
T. Di Matola, C. Miele, M. Coppola, M. Fumi, Y. Pancione, S. Sale, L. Atripaldi and V. Rocco

e43 Platelet miR-28 expression level and thrombocytosis in MPN patients
M.A. Stolyar, A.S. Gorbenko and I.A. Olkhovskiy

e46 Measurement of extended half-life recombinant factor IX products in clinical practice
A.E. Bowyer, M.F. Shepherd, S. Kitchen, R.M. Maclean and M. Makris

e50 Peripheral blood lymphoagglutination and platelet satellitism in marginal zone lymphomas
M. Degaud, B. Foucher, M. Pichon, A. Belhabri, M. Daniel and L. Vila