

Journal of Clinical Pathology




Cover legend: Primary myelofibrosis displaying clustering of megakaryocytes with high nucleus/cytoplasm ratio, hyperchromasia and atypical features. (Page 623)

Contents

Editorial

- 549** The training of future tissue pathologists in a changing world *J A James, M Salto-Tellez*

Original articles

- 550**  Multigene profiling to identify alternative treatment options for glioblastoma: a pilot study *T Tabone, H J Abuhusain, A K Nowak, Australian Genomics and Clinical Outcome of Glioma (AGOC) Network, W N Erber, K L McDonald*
- 556** WT1 expression increases with malignancy and indicates unfavourable outcome in astrocytoma *J Rauscher, R Beschoner, M Gierke, S Bisdas, C Braun, F H Ebner, J Schittenhelm*
- 562** Diagnostic accuracy of frozen-section analysis of cancer-containing bladder transurethral resection specimens for the presence of muscularis propria invasion *R Goyal, B Zhu, V Parimi, X Lin, S M Rohan*
- 566** Significance of oestrogen-related receptor γ on biliary epithelial cells in the pathogenesis of primary biliary cirrhosis *K Harada, K Yuko, Y Sawo, H Ikeda, Y Nakanuma*
- 573** The effect of delay in fixation on HER2 expression in invasive carcinoma of the breast assessed with immunohistochemistry and in situ hybridisation *A H S Lee, H P Key, J A Bell, P Kumah, Z Hodi, I O Ellis*
- 576** Overexpression of integrin αv correlates with poor prognosis in colorectal cancer *S Y Ha, J Shin, J H Kim, M S Kang, H-Y Yoo, H-H Kim, S-H Um, S-H Kim*
- 582** Apoptotic enteropathy caused by antimetabolites and TNF- α antagonists *D Soldini, A Gaspert, M Monani, T Reineke, G Rogler, R Odze, A Weber*
- 587** Reliability of small biopsy or cytology for the diagnosis of pulmonary mucinous adenocarcinoma *H Y Lee, H Y Lee, K S Lee, O J Kwon, Y M Shim, J Han*
- 592** Loss of p16(INK4a) is associated with reduced patient survival in soft tissue tumours, and indicates a senescence barrier *T Knösel, A Altendorf-Hofmann, L Lindner, R Issels, H Hermeking, G Schuebbe, S Gibis, H Siemens, E Kampmann, T Kirchner*
- 599** Comparison of Becton Dickinson Vacutainer rapid serum tube with the serum separator tube for routine chemistry and immunoassay tests *R Yan, A Lou, G Watts, H Tarr, H Smith, L Kinney, Y Chen*

July 2014 Volume 67 Issue 7

- 605** Fat-soluble vitamin deficiency in children and adolescents with cystic fibrosis *M Rana, D Wong-See, T Katz, K Gaskin, B Whitehead, A Jaffe, J Coakley, A Lochhead*
- 609** Estimated GFR. Comparison of five algorithms: implications for drug dosing *A Kallner*
- 614** Systemic reactions and anaphylaxis with an acute serum tryptase ≥ 14 $\mu\text{g/L}$: retrospective characterisation of aetiology, severity and adherence to National Institute of Health and Care Excellence (NICE) guidelines for serial tryptase measurements and specialist referral *S Srivastava, A P Huissoon, V Barrett, S Hackett, S Dorrian, M W Cooke, M T Krishna*
- 620** Pathology reporting of bone marrow biopsy in myelofibrosis; application of the Delphi consensus process to the development of a standardised diagnostic report *J M Raya, S Montes-Moreno, A Acevedo, A Fernández, M Fraga, J F García, M García, E Mayordomo-Aranda, J Menárguez, C Besses, R Calzada, M Rozman*
- 626** Epigenetic inactivation of *DAPK1*, *p14^{ARF}*, *mir-34a* and *-34b/c* in acute promyelocytic leukaemia *H Y Ng, T S Wan, C C So, C S Chim*

Viewpoint

- 632** Integrating molecular diagnostics into histopathology training: the Belfast model *C Flynn, J James, P Maxwell, S McQuaid, A Ervine, M Catherwood, M B Loughrey, D McGibben, J Somerville, D T McManus, M Gray, B Herron, M Salto-Tellez*

Short reports

- 637** Histopathologists' approach to keratoacanthoma: a multisite survey of regional variation in Great Britain and Ireland *R A Carr, J P Houghton*
- 639** m.3635G>A mutation as a cause of Leber hereditary optic neuropathy *A Kodroń, M R Krawczyński, K Tońska, E Bartnik*
- 642** Enquiry time as part of turnaround time: when do our clinicians really consult our results? *E Rodríguez-Borja, C Villalba-Martínez, A Carratalá-Calvo*

PostScript

- 645** Correspondence
- 648** Letter to the editor

Receive regular table of contents by email.
Register using this QR code.



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://jcp.bmj.com/site/about/guidelines.xhtml#open>

C O P E COMMITTEE ON PUBLICATION ETHICS

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
<http://publicationethics.org/>

equator
network

recycle

When you have finished
with this please recycle it