



**44TH EUROPEAN  
CONGRESS OF CYTOLOGY  
BUDAPEST, 1-4 OCTOBER 2023**

**Companion Meeting United Kingdom, 2 October 2023, View 3 Room**

**Update on *Cytopathology*, the journal of the British Association for Cytopathology**

**Louise Smart, Aberdeen Royal Infirmary & Philippe Vielh, Medipath & American Hospital of Paris**

*Nothing to disclose*

# SCAN

Serving Cytology Across Nations

An update – one year on

Cytopathology



# SCAN -Aims

- Re-establish a regular SCAN mail-drop
- Maintain link between BAC and its members
- Topics – in depth “not in the textbook” exploration of cytology issues: techniques, advances, reporting - stimulate debate and discussion
- Cytotechnology led but appeal/relevance to all in cytology nationally and internationally

# So far...

SCAN | [Full Access](#)

## Introduction to SCAN

Hedley Glencross, Ashish Chandra [✉](#)

First published: 31 July 2022 | <https://doi.org/10.1111/cyt.13166>

SCAN | [Full Access](#)

## Considerations to inform minimum slide numbers to maintain cytology triage screening competencies

David Nuttall [✉](#)

First published: 21 July 2022 | <https://doi.org/10.1111/cyt.13167>

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## The British Association for Cytopathology's recommended code of practice for cytology laboratories participating in the United Kingdom cervical screening programmes (2022) – A new edition for a new decade

Alison Cropper [✉](#)

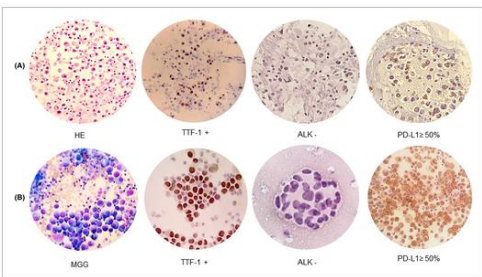
First published: 30 September 2022 | <https://doi.org/10.1111/cyt.13184>

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## Cytocentrifugation – a perfect circle?

Hedley David Glencross [✉](#)

First published: 08 May 2022 | <https://doi.org/10.1111/cyt.13148>



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## Quality of cell blocks prepared from residual pleural effusion and bronchial washing samples for immunocytochemistry

Suzana Harabajsja [✉](#), Lucija Milutin, Anita Breški, Katarina Ražnjević, Vesna Šimić, Božica Vrabec Branica, Silvana Smojver-Ježek

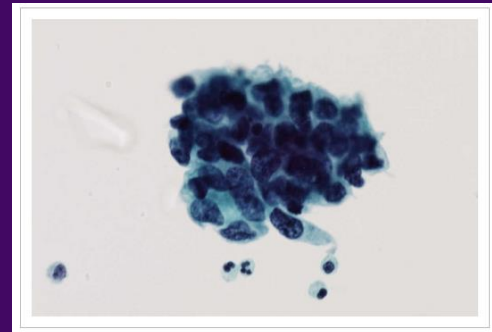
First published: 20 March 2023 | <https://doi.org/10.1111/cyt.13228>

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## From haematuria to nephroureterectomy via urine cytology—A case study

Richard Turner [✉](#), Manish Powari, Tracey Stevenson

First published: 23 July 2023 | <https://doi.org/10.1111/cyt.13271>



# SCAN – future considerations

- Challenge – ARTICLES!

Please contribute or commission

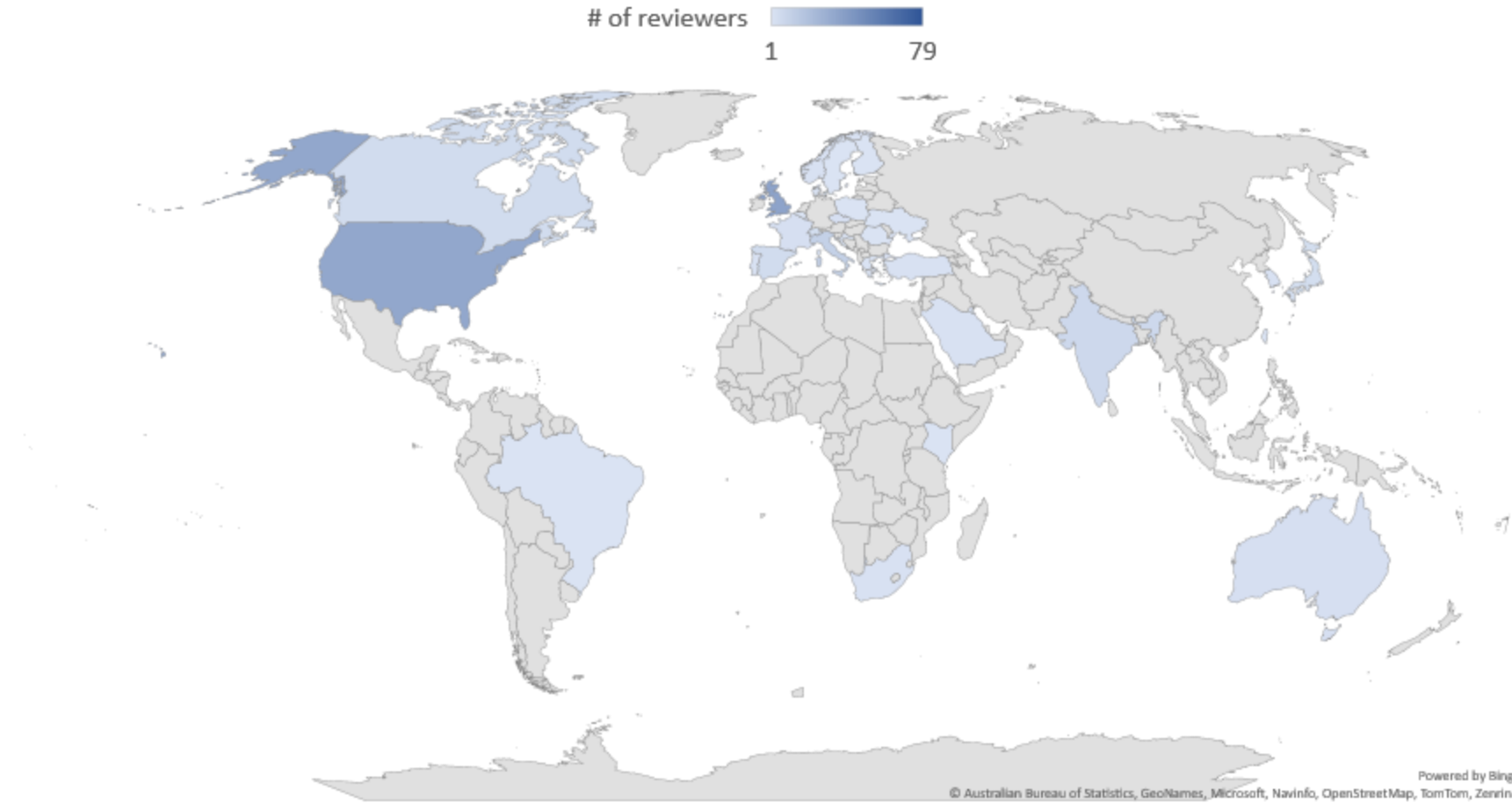
- Evaluation and Evolution.



Cytopathology

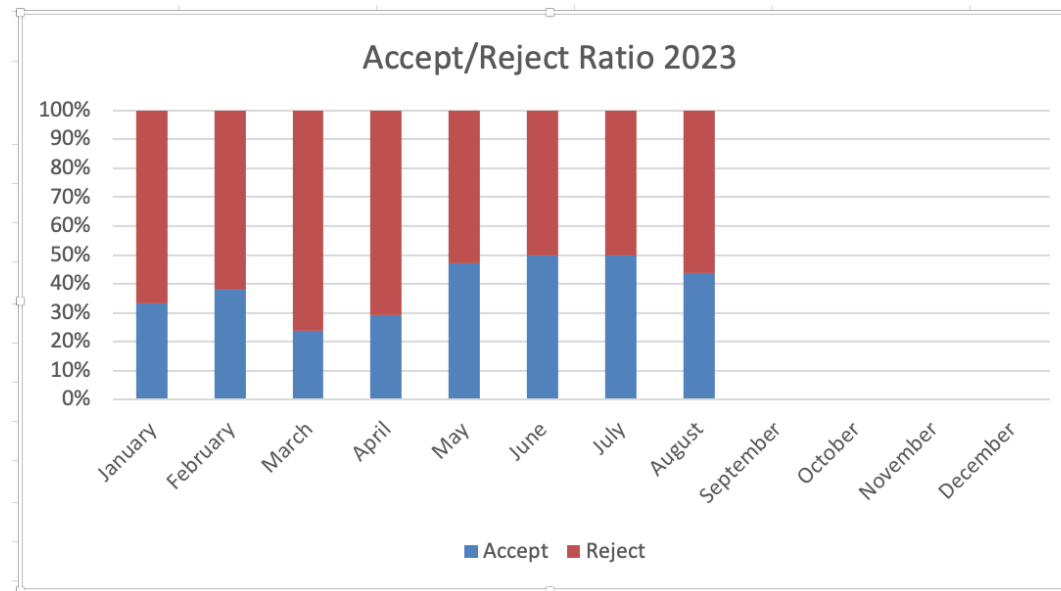


# Cytopathology – Reviewer distribution 2023



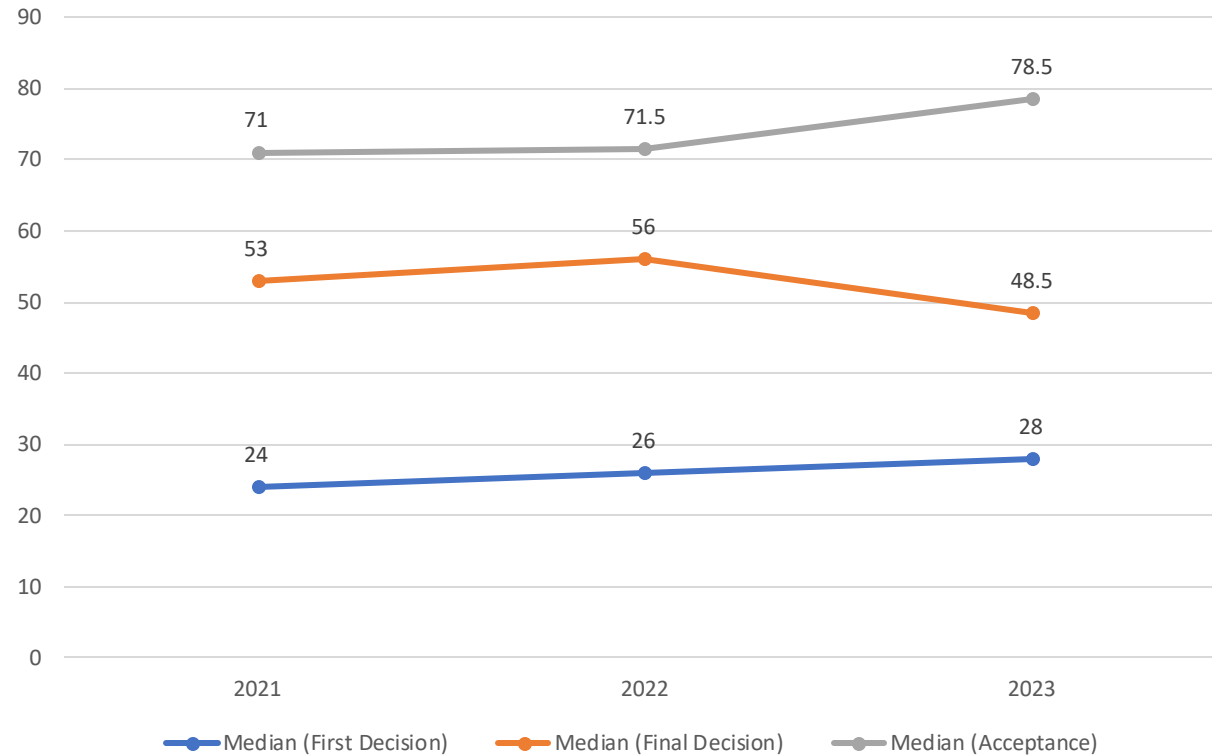
# METRICS

- Impact factor: 1,3
- CiteScore: 2,6
- Acceptance rate



# Median Turnaround Times

## Manuscripts sent to external review



## Manuscripts with internal review

	2021	2022	2023
Min	2	2	6
Max	112	136	167
Median	24	26	28



# ORIGINAL ARTICLES

ORIGINAL ARTICLE |  Full Access

## Pre-analytical effects on whole transcriptome and targeted RNA sequencing analysis in cytology: The effects of prolonged time in storage of effusion specimens prior to preservation

Gloria H. Sura, Kevin Tran, Chunxiao Fu, Lili Du, Michał Marczyk, Rebekah E. Gould, Eveline Chen, Amy M. Tasto, Agata A. Tinnirello, W. Fraser Symmans

First Published: 15 September 2023

- We demonstrate the utility of whole transcriptome and targeted RNA sequencing on two routine cytologic methods of effusion specimens containing metastatic breast cancer.
- Cytospin preparations fixed with Carnoy's solution or in 95% ethanol then Papanicolaou stained and scraped produced RNA sequencing results that were nearly equivalent to fresh frozen samples preserved in RNAlater, with cytospin slides fixed in Carnoy's solution performing marginally superior to those fixed in 95% ethanol.
- Measurements of gene expression signatures from effusions stored at 4°C appeared to be stable or minimally decline over time.
- Measurements of gene expression signatures were similar using both whole transcriptome and targeted RNA sequencing.
- Malignant effusions are viable specimens for RNA sequencing analysis, even when faced with prolonged time in refrigerator storage (4°C) without preservative solution.

Malignant effusions prepared as cytospin slides are viable specimens for RNA sequencing analysis, even when faced with prolonged time in refrigerator storage without preservative solution.

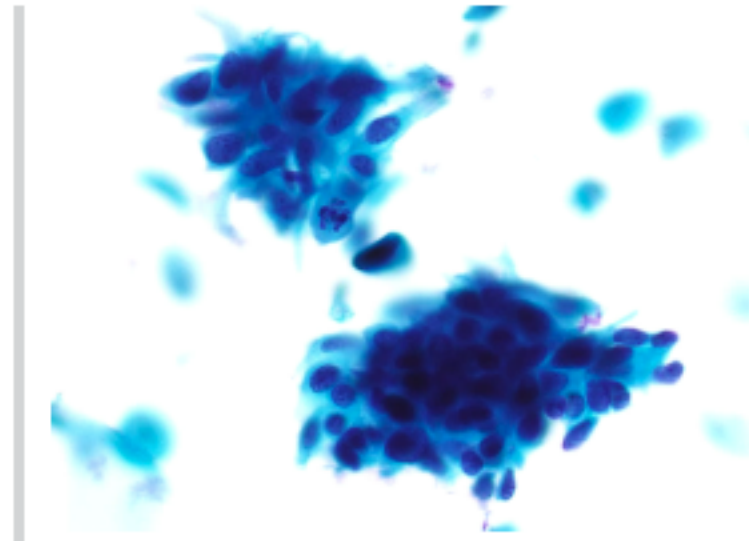
# REVIEWS

REVIEW |  Full Access

## Challenging lesions in cervical cytology: The elusive HSIL

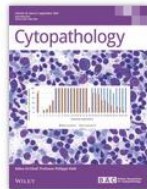
Vanda F. Torous

First Published: 14 September 2023



Despite the long and widespread use of the Pap test, cervical cytology remains a diagnostically challenging area in the practice of cytopathology. Given the importance of accurately diagnosing high-grade squamous intraepithelial lesions (HSILs) in particular, this review highlights the diagnostic features of HSIL, explores its morphologic mimics, and describes important morphological clues for differentiation of these lesions.

# SPECIAL ISSUES



## Volume 34, Issue 5 Special Issue: COVID-19 and Cytology

Pages: i, 403-511  
September 2023  
Issue Edited by: Ula Mahadeva, Elena Vigliar

< Previous Issue

☰ GO TO SECTION

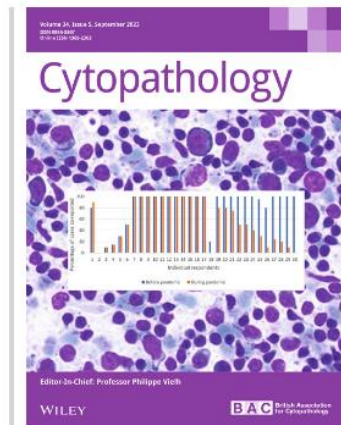
🗉 Export Citation(s)

## COVER IMAGE

🔓 Free Access

### Cover Image

Pages: i | First Published: 08 August 2023



Cover illustration: Lymph node fine needle aspiration smear showing a polymorphous population of dispersed lymphoid cells represented by small lymphocytes and follicular centre cells including nucleolated immunoblasts (Diff-Quick stain 430x), from the Review Article *COVID-19 post-vaccination lymphadenopathy: A review of the use of fine needle aspiration cytology* by Alessandro Caputo et al., pp. 423–432, <https://doi.org/10.1111/cyt.13221> and Bar chart showing the percentage of cytology cases co-reported before and during the pandemic, from the Review Article *International survey of cytopathology training during the pandemic: Water under the bridge?* by Nataliya Piletska et al., pp. 433–441, <https://doi.org/10.1111/cyt.13262>.

# IMAGES IN CYTOLOGY

Received: 26 July 2023 | Revised: 23 August 2023 | Accepted: 1 September 2023

DOI: 10.1111/cyt.13308


IMAGES IN CYTOLOGY

WILEY

## **Cytopathology of glioneuronal and neuronal tumours with histological correlations**

César R. Lacruz<sup>1</sup>  | Federico Álvarez<sup>2</sup>

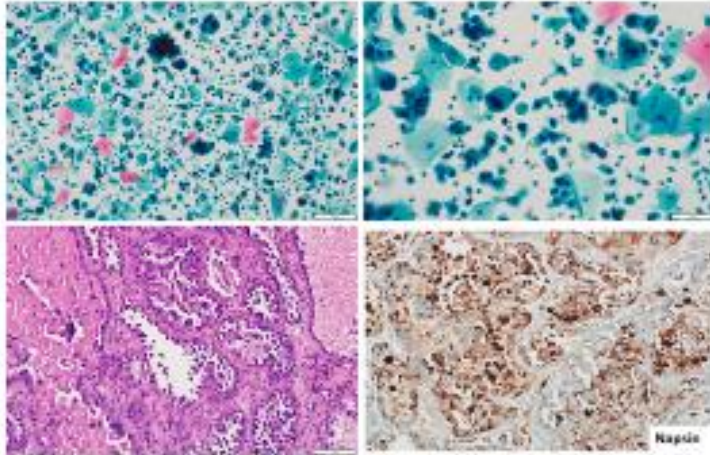
# ENIGMA PORTAL

ENIGMA PORTAL |  [Full Access](#)

## **The cervical smear of a rare case**

Anjali Gupta, Pranab Dey

First Published: 23 September 2023



[Abstract](#) | [Full text](#) | [PDF](#) | [References](#) | [Request permissions](#)

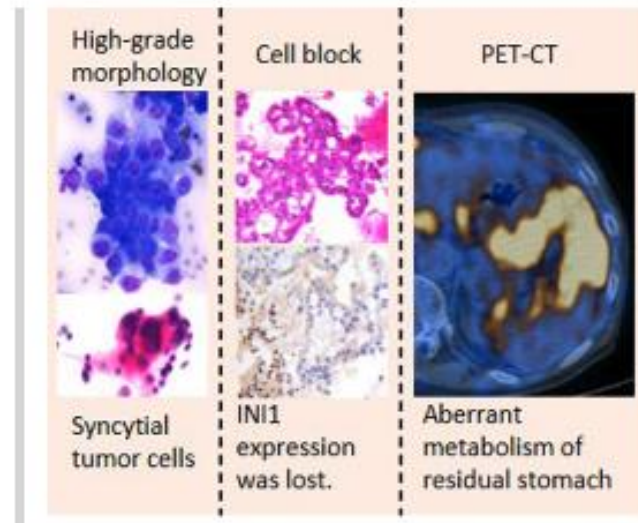
# CASE REPORTS

CASE REPORT |  Full Access

## Case report metastatic SMARCB1 (INI1)-deficient gastric undifferentiated carcinoma in pleural effusion: A case report and literature review

Jingmin Zhong, Yilin Xie, Zhaorong Niu, Mingfei Xie, Diwei Zhou

First Published: 14 September 2023



INI1-deficient gastric undifferentiated carcinoma is a rare tumour that may present as high-grade epithelioid morphology without apparent rhabdoid tumour cells. Syncytial tumour cells may be a crucial clue in such cases, especially in cytological specimens. Cell block and immunocytochemical staining can be valuable tools in achieving an accurate diagnosis.

# MINA DESAI AWARDS

Cytopathology



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## Mina Desai Awards

### Mina Desai Awards

We are pleased to announce two annual Mina Desai Awards for *Cytopathology* authors, starting from 2022. The Mina Desai Award for Research Excellence recognizes authors of an outstanding paper, while the Mina Desai Early Career Investigator Award recognizes the contribution of authors who are in a training or early career position, or who are within 5 years of appointment to a senior position. Professor Mina Desai is a former Editor of *Cytopathology* and has made an outstanding contribution to the field of cytology.

### Mina Desai Award for Research Excellence

The *Cytopathology* Editorial Board selects one article of particularly outstanding quality, which has been published in the journal during the preceding year. Selection criteria are based on scientific quality, advancement of the field, scholarly reception, and excellence in content, structure, and insights.

Congratulations to the 2022 recipients, Matthew Hanks, Stephen Ryder, and Abed Zaitoun, for their paper, [The role of cytology in the investigation and management of pancreatobiliary lesions with a transition towards a standardised reporting system: An institutional perspective](#).

### Mina Desai Early Career Investigator Award

The Early Career Investigator Award is given to an author who has contributed extensively to a paper but who is still in a training/early career position or has been in a senior position for less than 5 years. We ask that submitting authors indicate if a co-author is eligible for the award at submission. The awardee is selected by the *Cytopathology* Editorial Board based on papers published in the preceding year.

Congratulations to the 2022 recipient, Alexander Plonkowski, lead author of [Polarising rhomboid crystalline structures in drain fluid following endoluminal vacuum sponge therapy for post-surgical pelvic collection](#).