



## Editorial

# CytoJournal monographs: First CMAS (CytoJournal Monograph/Atlas Series) on science of cell-block making, titled “CellBlockistry 101 (*Text Book of Cell-blocking science*)”

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As shared previously on a periodic basis with the editorial board, the CytoJournal<sup>[1]</sup> has been planning to embark upon the project to produce cytopathology books in open access for easy availability of the scientific cytopathology literature around the globe. The first Monograph [Figures 1a and b] titled “CellBlockistry 101 (*Text Book of Cell-blocking science*)” will be a textbook on cell-blocks in cytopathology. We announce that this CMAS (CytoJournal Monograph and Atlas Series) volume<sup>[2]</sup> is ready (currently available on-line as individual review articles under ‘CytoJournal Monograph Related Review Series’ at <https://cytojournal.com/category/cytojournal-monograph-related-review-series/>). It will be available soon in print. In addition, it will also be available under eCytoJournal (<https://cytojournal.com/eissues/>) to explore with on-screen reading experience comparable to page-flipping of printed book.

### Editorial on the multi-chapter, multiauthor CytoJournal's CMAS (CytoJournal Monograph and Atlas Series) book:

#### Book title:

**CellBlockistry 101 (*Text Book of Cell-blocking science*),**

#### Monograph editor:

Vinod B Shidham, MD, FRCPath, FIAC

It will be available soon in print at [www.CytoJournal.com](http://www.CytoJournal.com). In addition, it will also be available under eCytoJournal ( <https://cytojournal.com/eissues/> )to explore with on-screen reading experience comparable to page-flipping of printed book.

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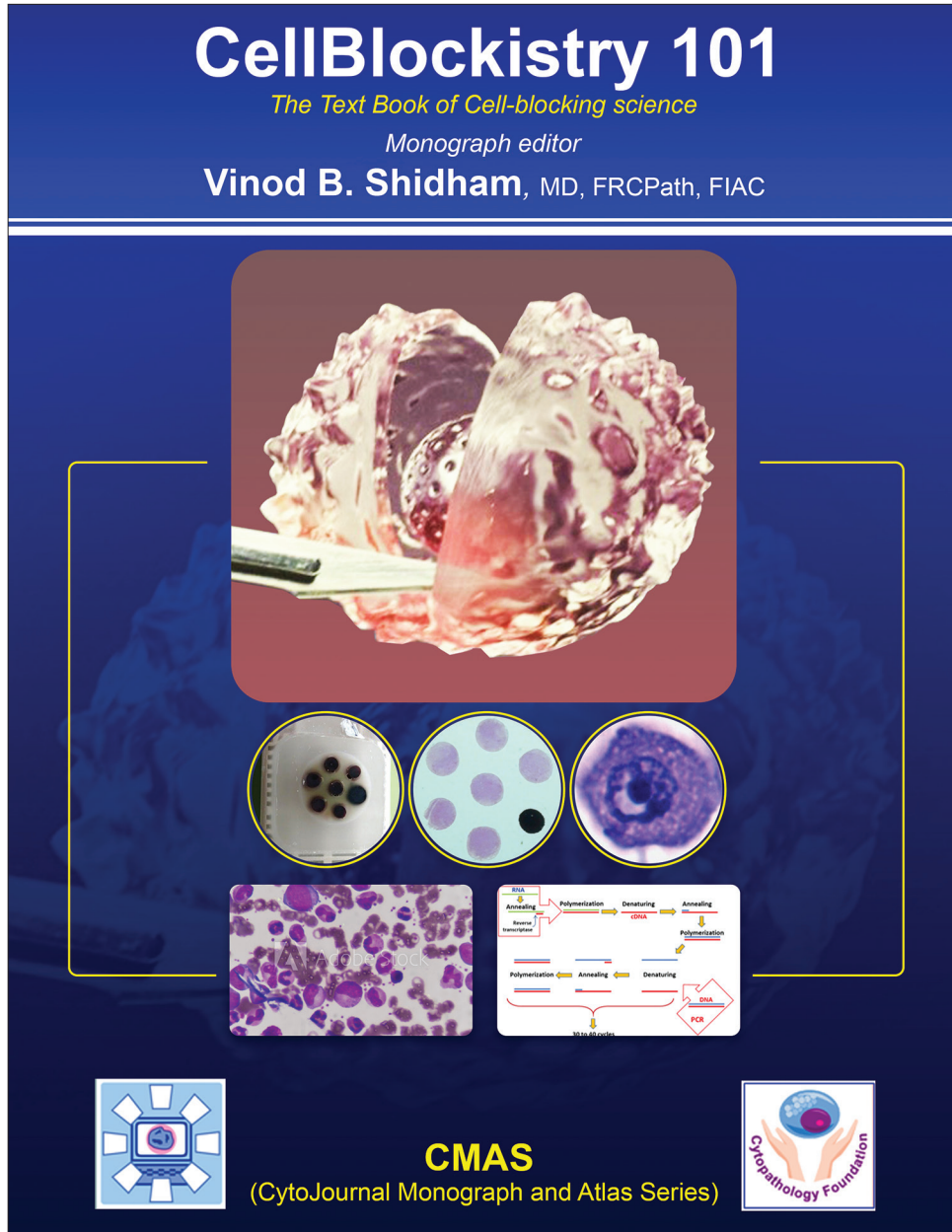
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PDFs of all 6 chapters in this CMAS (CytoJournal Monograph and Atlas Series) volume are available as review articles under ‘Browse articles’ by selecting ‘CytoJournal Monograph Related Review Series’ category at <https://cytojournal.com/category/cytojournal-monograph-related-review-series/>.

Figure 1a: Details of the first CMAS: “CellBlockistry 101 (Text Book of Cell-blocking science)”.



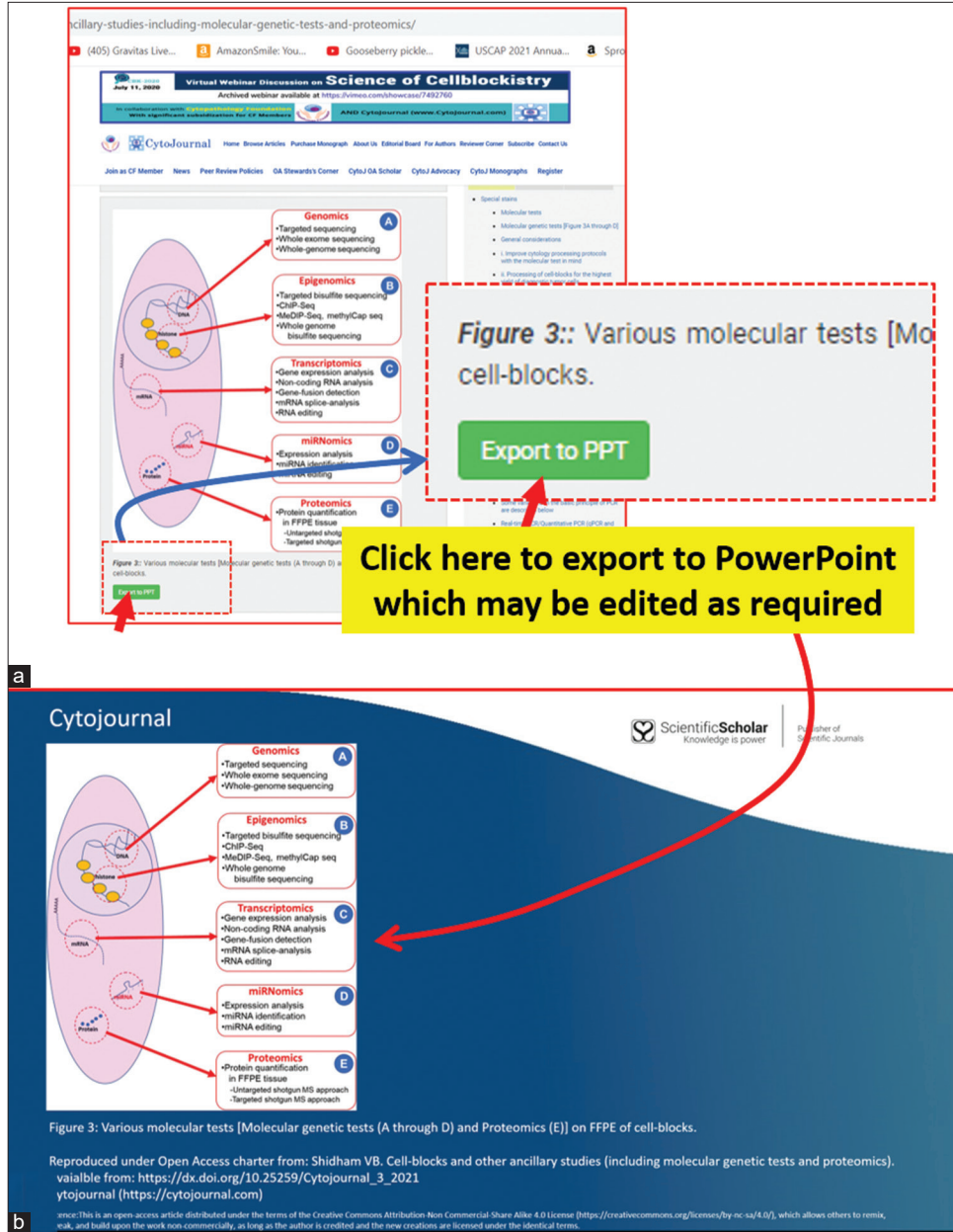
**Figure 1b:** Cover page of the first CMAS (CytoJournal Monograph and Atlas Series): CellBlockistry 101 (*Text Book of Cell-blocking science*).

This CMAS volume will also serve as a template for future monographs in pipeline.

Under the open access charter<sup>[3]</sup> of Cytopathology Foundation<sup>[4]</sup> and CytoJournal,<sup>[1]</sup> the copyright for the published material will be retained in the public domain with all its benefits, including reproduction of the contents for teaching and other scholarly activities, after citing the original source as a legal obligation. The “Export to PPT” feature in HTML of CytoJournal articles allows the easy addition of images in any of the articles

in to a Scholarly PowerPoint presentation at a single click [Figure 2].

Based on the feedback at various meetings, the CMAS project is an excellent opportunity for budding junior cytopathology stalwarts with the help of established cytopathology veterans to progress into leadership roles at a global level. CytoJournal with the Cytopathology Foundation will try to explore avenues to encourage initiatives and allow participation of many scholars with as wide an expertise as possible.



**Figure 2:** “Export to PPT” feature of CytoJournal articles in HTML: (a) The images in CytoJournal articles can be Exported as PowerPoint slide by clicking on “Export to PPT.” (b) The exported image/figure in the PowerPoint slide would automatically include the figure legend and also the details about citation with Creative Common License details.

The first multiauthor Monograph titled “CellBlockistry 101 (*Text Book of Cell-blocking science*)” and edited by Vinod B. Shidham has six chapters. In keeping with the CMAS guidelines, all of these chapters have been published as six different review articles under open access in CytoJournal.<sup>[5-10]</sup> Subsequently, these articles would be modified slightly to format them as different chapters of the monograph as allowed under the Creative Commons

License.<sup>[3]</sup> This first monograph is supported by limited funding from the Late Geeta Paradkar Memorial Fund.

The print versions of the monographs can be purchased online at <https://cytojournal.com/purchase-monograph/><sup>[11]</sup> but can also be read as soft copy under eCytoJournal (Site for reading CytoJournal articles and books in book-like format with flipping pages <https://cytojournal.com/issues/>)<sup>[12]</sup> (free for Cytopathology Foundation members



<https://cytojournal.com/cf-member/><sup>[13]</sup> and at nominal cost for others).

The chapters in this monograph are shown in Table 1.

<b>Table 1:</b> Contents of first CMAS: CellBlockistry 101.		
No.	Title	Author (s)
1	CellBlockistry: Science and Art of Cell-block Making	Vinod B Shidham <sup>1</sup>
2	Specimen specific approaches	Vinod B Shidham <sup>1</sup>
3	Cell-blocks and Immunohistochemistry	Vinod B Shidham <sup>1</sup> Lester J. Layfield <sup>2</sup>
4	Cell-blocks and Immunohistochemistry for Hematolymphoid Lesions (including Malignancy)	Ahmed Alrajjal <sup>1</sup> Moumita Choudhury <sup>1</sup> Jay Yang <sup>1</sup> Ali Gabali <sup>1</sup>
5	Cell-blocks: Special stains & Molecular tests	Vinod B Shidham
6	Architectural Aspects of Cell-blocks: These are Micro-biopsies!	Swati Satturwar <sup>3</sup> Liron Pantanowitz <sup>4</sup>

<sup>1</sup>Wayne State University School of Medicine, USA; <sup>2</sup>University of Missouri, USA; <sup>3</sup>University of Pittsburgh, USA; <sup>4</sup>University of Michigan, Ann Arbor, USA

The list of forthcoming monographs in CMAS series is mentioned below (the topic are subject to change as indicated):

1. Diagnostic Cytopathology of Serous Fluids (2<sup>nd</sup> Edition)
2. Pancreatic EUS-FNA
3. Textbook of FNA procedure
4. Urine Cytology
5. Thyroid FNA
6. Salivary Gland FNA
7. Lymphoproliferative disorders and FNA
8. Textbook of Molecular Cytopathology
9. Pediatric Cytopathology
10. FNA and soft tissue/bone tumors
11. Breast FNA.

CytoJournal (cytojournal@cytojournal.com) and Cytopathology Foundation invite experts in cytopathology to select any of these or other timely topics in diagnostic cytopathology for future monographs. The review versions of the individual chapters in the monograph books will be available around the globe on the open access platform of the CytoJournal with Cytopathology Foundation support with free access to the readers through PubMed archival and search assistance around the world.

The book release event of this CMAS monograph on CellBlockistry is expected to be held in April - May 2021. CytoJournal and Cytopathology Foundation is planning it as an online virtual book release event for global participation. Friends, family, and all associated with CytoJournal/Cytopathology Foundation are invited to join the event

which may be recorded and archived on the CytoJournal website. Cytopathology Foundation will share the details of the event as the book release date approaches.

The editor(s) of individual CMAS monograph/atlas will enjoy royalty sharing on the sale of the printed version of their monograph/atlas with Cytopathology Foundation Inc after deducting the publishing expenses. Such royalty may be donated as a tax-deductible donation to Cytopathology Foundation Inc (non-profit entity)<sup>[4]</sup> to help similar future projects under an open access charter in cytopathology.

### Acknowledgment

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### LIST OF ABBREVIATIONS (In alphabetic order)

CMAS – CytoJournal Monograph and Atlas Series  
EUS – Endoscopic ultrasound-guided  
FNA – Fine needle aspiration  
PPT – PowerPoint presentation

### REFERENCES

1. Available from: <http://www.cytojournal.com>. [Last accessed on 2021 Mar 20].
2. Cyto Journal Monograph and Atlas Series. Available from: <https://www.cytojournal.com/monographs>. [Last accessed on 2021 Mar 20].
3. The Creative Commons Attribution-non Commercial-share Alike 4.0 License. Available from: <https://creativecommons.org/licenses/by-nc/4.0/> [Last accessed on 2021 Mar 20].
4. Cytopathology Foundation. Available from: <https://www.cytojournal.com/cytopathology-foundation>. [Last accessed on 2021 Mar 20]
5. Shidham VB. CellBlockistry: Chemistry and art of cell-block making - A detailed review of various historical options with recent advances. Cytojournal 2019;16:12. Available from: [http://www.cytojournal.com/temp/cytojournal16112-3882578\\_104705.pdf](http://www.cytojournal.com/temp/cytojournal16112-3882578_104705.pdf). [Last accessed on 2019 Jun 28].
6. Shidham VB. Specimen-specific cell-blocking approaches. Cytojournal 2020;17:28.
7. Shidham VB, Layfield LJ. Cell-blocks and immunohistochemistry. Cytojournal 2021;18:2.
8. Alrajjal A, Choudhury M, Yang J, Gabali A. Cell-blocks and hematolymphoid lesions. Cytojournal 2021;18:7.
9. Shidham VB. Cell-blocks and other ancillary studies (including molecular pathology and proteomics). Cytojournal 2021;18:4.
10. Satturwar S, Pantanowitz L. Architectural aspects of cell-blocks as small biopsies. Cytojournal 2021;18:5.
11. Print versions of Cytojournal Monograph/Atlas Series (CMAS); 2021. Available from: <https://www.cytojournal.com/purchase-monograph>. [Last accessed on 2021 Mar 31].

12. eCytojournal: Site for Reading Cytojournal Articles and Books in Book-Like Format with Flipping Pages; 2021. Available from: <https://www.cytojournal.com/eissues>. [Last accessed on 2021 Mar 31].
13. Cytopathology Foundation Membership. Available from: <https://www.cytojournal.com/cf-member>. [Last accessed on 2021 Mar 20]

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