

## Mulberry-Like Bodies - an artifact of autolysis

Rutgers University has made this article freely available. Please share how this access benefits you.  
Your story matters. [\[https://rucore.libraries.rutgers.edu/rutgers-lib/57279/story/\]](https://rucore.libraries.rutgers.edu/rutgers-lib/57279/story/)

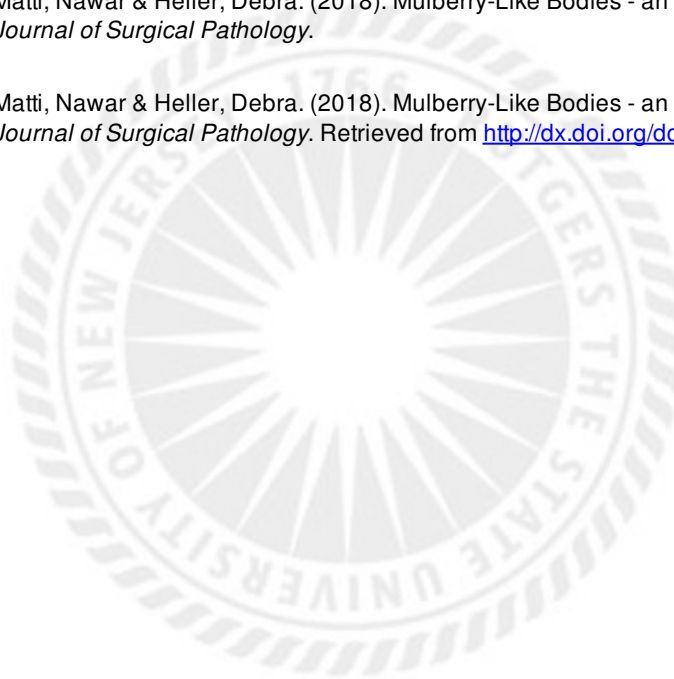
This work is an **ACCEPTED MANUSCRIPT (AM)**

This is the author's manuscript for a work that has been accepted for publication. Changes resulting from the publishing process, such as copyediting, final layout, and pagination, may not be reflected in this document. The publisher takes permanent responsibility for the work. Content and layout follow publisher's submission requirements.

Citation for this version and the definitive version are shown below.

**Citation to Publisher Version:** Matti, Nawar & Heller, Debra. (2018). Mulberry-Like Bodies - an artifact of autolysis. *International Journal of Surgical Pathology*.

**Citation to this Version:** Matti, Nawar & Heller, Debra. (2018). Mulberry-Like Bodies - an artifact of autolysis. *International Journal of Surgical Pathology*. Retrieved from <http://dx.doi.org/doi:10.7282/T3FB56BE>.



**Terms of Use:** Copyright for scholarly resources published in RUcore is retained by the copyright holder. By virtue of its appearance in this open access medium, you are free to use this resource, with proper attribution, in educational and other non-commercial settings. Other uses, such as reproduction or republication, may require the permission of the copyright holder.

*Article begins on next page*

Mulberry-Like Bodies-an artifact of autolysis

Nawar Y. Matti, MD

Debra S. Heller, MD

From the Department of Pathology & Laboratory Medicine, Rutgers-New Jersey Medicine,  
Newark NJ

Address Correspondence to:

Nawar Yousuf Matti

Resident Physician/ Pathology - PGY 2

Rutgers New Jersey Medical School

185 South Orange Ave-UH E158

Newark, NJ, 07103

Telephone (973) 972-5707

[nm777@njms.rutgers.edu](mailto:nm777@njms.rutgers.edu)

Dear Editor:

Post- mortem histologic examination of tissue sections is challenging due to the effects of autolysis, which can complicate microscopic interpretation. A rarely seen artifact at perinatal autopsy is “Mulberry-like” bodies. We recently found well-formed mulberry-like bodies in the pulmonary blood vessels of a stillborn infant . Although little is known about “mulberry-like” bodies, they are believed to represent an artifact of red blood cell autolysis, as they are generally found in macerated fetuses(1). They have not been associated with any pathological event. “mulberry-like” bodies appear as cohesive clusters of medium sized anucleated cells with basophilic cell borders and vacuolated cytoplasm, in a background of red blood cells(figure 1,2).

Reference:

1-Flemming BS. Intravascular “Mulberry-like” Bodies: Morphological, Immunohistochemical, and Ultrastructural Observations of an Incidental Finding Caused by Autolysis.

Pathol Res Pract 1988;183:88-92.

Legend:

Figure 1-Multiple mulberry-like bodies are seen within a pulmonary vessel from a stillborn infant.

| Figure 2-On higher power, the clusters of anucleated cells can be seen.

|