

## **Journal of Histotechnology Call for Manuscripts: Special Issue on Molecular Histology: Immunohistochemistry, In-situ Hybridization and Multiplexing.**

Immunohistochemistry (IHC) and in-situ hybridization (ISH) assays are valuable tools for studying biomolecules within tissues. Researchers continuously generate target-specific antibodies, develop sensitive detection methods, and validate procedures to increase reproducibility of IHC assays. In recent years, advancement in probe design has offered ISH with single transcript sensitivity. Combining single molecule RNA ISH with validated antibodies IHC is very beneficial and powerful for studying gene expression in specific cell populations within tissues. Many studies now apply IHC, ISH or dual ISH/IHC multiplexing to investigate the physiological function of novel molecules in development, morphology formation and disease processes. In this special issue, we would like to promote the application of molecular histotechnological tools and procedures in biomedical, clinical and basic research disciplines. Studies in these disciplines describing novel cellular distributions of RNA and protein molecules based on IHC, ISH or their multiplexing are welcome. Validation of antibodies, optimizing protocols for manual or high throughput automated assays, as well as combining single molecular RNA ISH with IHC for animal models and clinical specimens will fit the scope of this special issue. Authors are invited to submit original research articles, reviews, technical notes and/or case studies on the application and advancement of molecular histotechnology.

Submissions are made at: <http://www.editorialmanager.com/his/default.aspx>. Follow ***Instructions for Authors***, read the review policy and aim and scope of JOH. Additional information is found at **Author Services:** <https://authorservices.taylorandfrancis.com/>.

**Manuscript submission deadline:** October 1, 2018

### **Guest Editor:**

Yongfu Wang, Ph. D  
Associate Editor  
Journal of Histotechnology  
E-mail: [yow@stowers.org](mailto:yow@stowers.org)  
[joh@nsh.org](mailto:joh@nsh.org)

### **Interim Editor in Chief/Assistant Editor**

Gayle M Callis, B.S., HTL/HT/MT(ASCP)  
Journal of Histotechnology  
E-mail: [gayle.callis@bresnan.net](mailto:gayle.callis@bresnan.net)  
[joh@nsh.org](mailto:joh@nsh.org)