

Resource Summary Report

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LOCI

RRID:SCR_008552

Type: Tool

Proper Citation

LOCI (RRID:SCR_008552)

Resource Information

URL: <http://www.loci.wisc.edu/home/>

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Description: LOCI is a biophotonics instrumentation laboratory stemming from the research activities of Kevin Eliceiri, Dave Beebe, Bill Bement, Paul Campagnola, Patti Keely, Brenda Ogle, Justin Williams and other LOCI investigators. Our mission is to develop advanced optical and computational techniques for imaging and experimentally manipulating living specimens. New and improved imaging instrumentation and optical-based experimental techniques are being developed. These projects are driven by demands arising from the scientific studies of external collaborators and the principal investigators and opportunities that arise with the emergence of new technology. Instrumentation development is undertaken in a form that is both accessible and beneficial to the scientific community. LOCI is directed by Kevin Eliceiri, and all inquiries about LOCI collaborations or general imaging questions may be directed to him.

Synonyms: LOCI

Resource Type: portal, laboratory portal, data or information resource, organization portal

Resource Name: LOCI

Resource ID: SCR_008552

Alternate IDs: nif-0000-31435

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260728T043306+0000

Ratings and Alerts

No rating or validation information has been found for LOCI.

No alerts have been found for LOCI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Skar AS, et al. (2022) A stepped-wedge randomized trial investigating the effect of the Leadership and Organizational Change for Implementation (LOCI) intervention on implementation and transformational leadership, and implementation climate. BMC health services research, 22(1), 298.

Lauritzen B, et al. (2022) A novel next-generation FVIIIa mimetic, Mim8, has a favorable safety profile and displays potent pharmacodynamic effects: Results from safety studies in cynomolgus monkeys. Journal of thrombosis and haemostasis : JTH, 20(6), 1312.

Redak CA, et al. (2021) Assessing Genomic Diversity, Connectivity, and Riverscape Genetics Hypotheses in the Endangered Rough Hornsnail, *Pleurocera Foremani*, Following Habitat Disruption. The Journal of heredity, 112(7), 635.

Xu K, et al. (2020) Genome-wide association study of smoking trajectory and meta-analysis of smoking status in 842,000 individuals. Nature communications, 11(1), 5302.

Yao Y, et al. (2020) Effects of sodium citrate on the structure and microbial community composition of an early-stage multispecies biofilm model. Scientific reports, 10(1), 16585.

Kulminski AM, et al. (2019) Pleiotropic Meta-Analysis of Age-Related Phenotypes Addressing Evolutionary Uncertainty in Their Molecular Mechanisms. Frontiers in genetics, 10, 433.

Blondelle J, et al. (2019) Murine obscurin and Obsl1 have functionally redundant roles in sarcolemmal integrity, sarcoplasmic reticulum organization, and muscle metabolism. Communications biology, 2, 178.

Tan HZ, et al. (2019) Population genomics of two congeneric Palaearctic shorebirds reveals differential impacts of Quaternary climate oscillations across habitats types. Scientific reports, 9(1), 18172.

Sim J, et al. (2019) The BEACH Domain Is Critical for Blue Cheese Function in a Spatial and Epistatic Autophagy Hierarchy. Frontiers in cell and developmental biology, 7, 129.

Hanley CJ, et al. (2016) A subset of myofibroblastic cancer-associated fibroblasts regulate collagen fiber elongation, which is prognostic in multiple cancers. Oncotarget, 7(5), 6159.

Johnston SE, et al. (2016) Conserved Genetic Architecture Underlying Individual Recombination Rate Variation in a Wild Population of Soay Sheep (*Ovis aries*). Genetics,

203(1), 583.

van Amsterdam WA, et al. (2016) The morphological substrate for Renal Denervation: Nerve distribution patterns and parasympathetic nerves. A post-mortem histological study. *Annals of anatomy = Anatomischer Anzeiger : official organ of the Anatomische Gesellschaft*, 204, 71.

Zahm CD, et al. (2016) Advanced Intestinal Cancers often Maintain a Multi-Ancestral Architecture. *PloS one*, 11(2), e0150170.

Keppeke GD, et al. (2015) Microinjection of specific anti-IMPDH2 antibodies induces disassembly of cytoplasmic rods/rings that are primarily stationary and stable structures. *Cell & bioscience*, 5(1), 1.

Aarons GA, et al. (2015) Leadership and organizational change for implementation (LOCI): a randomized mixed method pilot study of a leadership and organization development intervention for evidence-based practice implementation. *Implementation science : IS*, 10, 11.

Chu M, et al. (2014) Spatiotemporal dynamics of triglyceride storage in unilocular adipocytes. *Molecular biology of the cell*, 25(25), 4096.

Dyson RJ, et al. (2014) Mechanical modelling quantifies the functional importance of outer tissue layers during root elongation and bending. *The New phytologist*, 202(4), 1212.

Jung Y, et al. (2014) Comprehensive evaluation of peripheral nerve regeneration in the acute healing phase using tissue clearing and optical microscopy in a rodent model. *PloS one*, 9(4), e94054.

Nadachowska-Brzyska K, et al. (2013) Demographic divergence history of pied flycatcher and collared flycatcher inferred from whole-genome re-sequencing data. *PLoS genetics*, 9(11), e1003942.

Squirrell JM, et al. (2012) Endogenous fluorescence signatures in living pluripotent stem cells change with loss of potency. *PloS one*, 7(8), e43708.