

# Selected Publications Using RWD Laser Speckle

Latest update time: April 30th, 2025

We select a series of high reputed papers using RWD laser speckle imaging system. We categorize them into different research topics for you to better check.

## Research topics:

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[Cardiopulmonary resuscitation \(CPR\) or cardiac arrest \(CA\)](#)

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[Intestinal inflammation](#)

[Drug discovery](#)

[Glymphatic-lymphatic system](#)

[Micro and nanorobots](#)

[Obesity](#)

[Blood-glucose](#)

## DNA methylation and stem cells

- Kremer LPM, Cerrizuela S, El-Sammak H, Al Shukairi ME, Ellinger T, Straub J, Korkmaz A, Volk K, Brunken J, Kleber S, Anders S, Martin-Villalba A. DNA methylation controls stemness of astrocytes in health and ischaemia. *Nature*. 2024 Oct;634(8033):415-423.

## Optical transparency

- Ou Z, Duh YS, Rommelfanger NJ, et al. Achieving optical transparency in live animals with

absorbing molecules. *Science*. 2024 Sep 6;385(6713):eadm6869.

## Neurovascular coupling

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## Cerebral ischemia & Ischemic stroke

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