

Important information for

ZEISS SR-DIP macro software

The ZEISS Microscopy GmbH SR-DIP for ZEN blue edition is a license protected software. Please support collaborating scientists by using only licensed software. You can obtain your SR-DIP license key via the ZEISS order number 000000-2177-835.

SR-DIP is differential intensity processing, a tool based on Photobleaching Microscopy with non-linear Processing (PIMP), developed by researchers at KU Leuven/VIB in Belgium.

The SR-DIP macro works under the following software and hardware requirements:

ZEN 2012, ZEN 2.0 or ZEN 2.3 blue edition software, with or without macro environment.

Any ZEISS imaging system able to acquire time series data of about 50 time points or more, with ideally 5% bleach difference. Good results have been obtained with ZEISS systems LSM 710, LSM 7 LIVE, LSM 700, LSM 780, LSM 880 and LSM 800. However, also camera based 3D sectioning systems like ELYRA, Cell Observer SD, Vivatome or Apotome 2 can be used with SR-DIP in case sufficient bleaching is present in the data.