MEGA

Heavy metal free emitters for new - generation light sources

The MEGA project is a four-year (2019-2022) research and innovation collaboration (H2020 RISE) between European and international partners, coordinated by KTU. The overall objective of MEGA will be to explore organic heavy metal free fluorescent materials with exceptional potential in new-generation light sources, such as organic light-emitting devices (OLEDs) and organic lasers.

Over the course of the project, two different types of organic electroactive materials will be studied:

(1) Fluorescence materials exhibiting thermally activated delayed fluorescence (TADF) for use OLEDs
(2) Fluorescent materials for use in organic lasers.

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