



MATERIALS
RESEARCH
CENTRE

/ Brno University of Technology

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MATERIALS-RESEARCH.EU

www.materials-research.cz

Advanced organic materials and
biomaterials



EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND
INVESTING IN YOUR FUTURE



OP Research and
Development for Innovation


material:

- hyaluronan (polysaccharides)
- humic substances
- proteins

methodological:

- fluorescence probes
- thermal analysis and calorimetry
- rheology
- diffusion
- ultrasound velocimetry

research, plans & offer

- R & D in physico-chemical (colloidal) field to support activities in
 - delivery systems
 - tissue engineering/regenerative medicine
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- solubilization of hydrophobes using biocompatible, bio-originated vehicles
 - hydrogels with solubilizing abilities (nanocontainers), based preferably on biopolymers



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