



CHARLES UNIVERSITY

First Faculty of Medicine

Prof. RNDr. Vladimír Král, CSc.

Průmyslová 595
252 50 Vestec

phone: +420 325 873 004

vladimir.kral@lf1.cuni.cz

<http://biocev.lf1.cuni.cz>

KRÁL LAB

EXPERTISE

Synthetic Organic Chemistry
Bioanalytical Chemistry

CONTRACT RESEARCH

API development and formulation design

PROJECTS

- Development of technology for dietary supplement preparation containing curcumin with high degree of bioavailability. (Scientific research with mcePharma, s.r.o.)
- Oxycellulose and its chemical and non-covalent modifications: Application for systems of drug controlled release, cosmetics and wound healing preparations. (Contract research in cooperation with Synthesia, a.s.)
- Improved growth of human skin cells on biomimetic nanofibrous matrices for active wound healing. GAČR 17-02448S
- Study of molecular and functional mechanism of novel cytostatics (cyclic polymethinium salts) using human genom-wide screening. GAČR 17-07822S

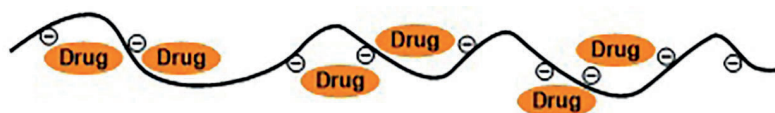
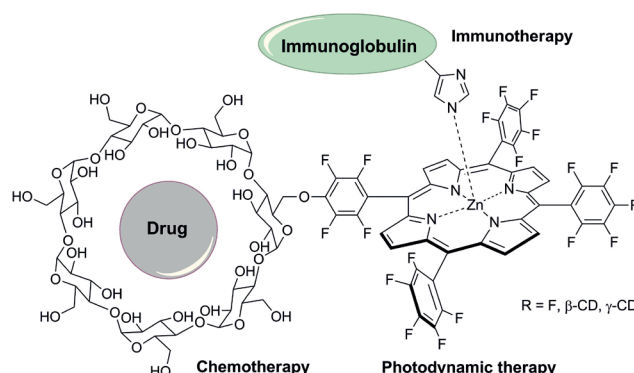
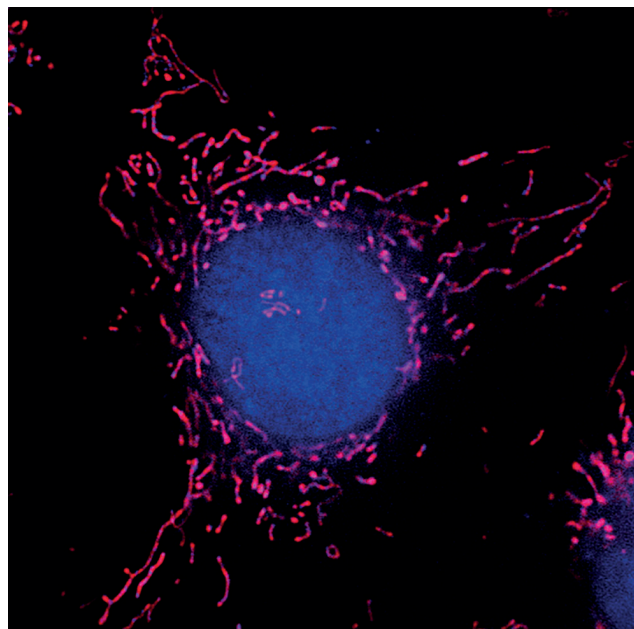
PARTNERS

Synthesia, a.s.
mcePharma s.r.o.
Zentiva Group, a.s.



BIOCEV

Biotechnology and Biomedicine Centre of the Academy of Sciences and Charles University in Vestec



Oxycellulose with non-covalently bonded drugs

[HTTP://BIOCEV.LF1.CUNI.CZ](http://biocev.lf1.cuni.cz)