

## Department of Biophysics

Departmental Focus:

Tissue engineering. Construction of artificial cartilage from autologous chondrocytes. Development of three-dimensional scaffolds based on biodegradable non-woven nanofibres.

Protein engineering. Molecular dynamics simulation and protein structure modelling. Verification of protein models using molecular biological techniques and advanced spectroscopic and fluorescence techniques. Advanced studies of the molecular mechanism of Na/K-ATPase phosphorylation. Modelling of the biokinetics of radiopharmaceuticals.

### **Kontakty:**

#### **Head**

prof. RNDr. Evžen Amler, CSc.

#### **Address**

V Úvalu 84

Praha 5

150 06

#### **Contacts**

Phone: 257296350

E-mail:

#### **Secretary**

Jana Neřasová

Phone: 257296360

Published: 1. 7. 2014 / Last update: 1. 10. 2018 / Responsible person: Administrátor

---

Source URL (modified on 1. 10. 2018 - 9:26): <https://www.lf2.cuni.cz/en/department-of-biophysics>