

## Popular science project summary

The general project purpose is complex examination of grave crypts together with their contents, i.e. burials, situated under the church of St. Francis of Assisi in Krakow. The project will involve many specialists of different scientific branches. There is an opportunity to explore the crypts, which have never been studied before. The project is multi-directional and many works are planned: analysis of crypts architectonic composition, their complete inventory using modern survey techniques, like 3D scanning, exploration and cataloguing all elements of grave equipment, making catalogues of grave garments and their examination using modern analytical methods. Conservation and reconstruction of 20 most precious artifacts selected from the finds is also planned. The team will try to localize the relics of the first church. Excavated human remains will be anthropologically examined, which can indicate all noticeable pathological changes, infectious diseases and lesions. DNA tests and diet studies are planned. Mortal remains of Blessed Salomea resting in one of the crypts will be explored. We will try to localize and identify the burial of Duke Bolesław V the Chaste, and an attempt of reconstructing several selected faces of persons buried in the crypts, using their skulls scanning, will be undertaken. Microbiological tests will estimate the level of microbiological danger in the crypts. Our work results will be published in a detailed monograph. Our knowledge on material and spiritual culture of old Krakow population will be expanded.