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# Stopka lab ENG

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## Offer

- Cell cultivation
- Detection of molecules using histochemical methods
- Functional evaluation of cells
- Tissue engineering

## Expertise

- Managing advanced tissue cultures
  - We are dedicated to the separation and cultivation of stem cells from human epidermis
  - Developing methods of characterization and differentiation of the obtained cell types
  - We investigate the influence of microenvironment on the function of stem cells and their differentiation during healing
- "In our research we deal with mechanisms involved in remodeling of chromatin structure during cell fate decisions."***

## Current Projects

- Microenvironment of malignant melanoma as a factor of tumor aggressiveness. GAČR 16-05534S
- Tumor microenvironment of head and neck carcinoma: Prognostic significance of extracellular matrix produced by tumorassociated fibroblasts. AZV 15-28933A
- Cellular and molecular characteristics of neonatal human skin: consequences for skin healing. GAČR 13-20293S

## Partners

- General Faculty Hospital
- Prague Institute of Molecular Genetics of the ASCR, v.v.i, Prague

## Are you interested in this expertise?

**Please contact CPPT UK**

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## Experts and their Department

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