

**Development of method for determination of phytohormones and related substances
in plant material**

Department of growth regulators

● **Service description**

Service could be customized after mutual discussion

Our department keeps a long tradition in the field of new method development for isolation, identification and quantification of various groups of endogenous plant hormones. We offer collaboration in optimization and application of these methods for specific plant material. Minimum sample quantity for standard analysis is 200 mg but we are able to design transformation of the analysis to microscale.



● **Basic equipment related to the service**

For plant hormone isolation combination of SPE at various stationary phases and immunoaffinity chromatography through immobilized polyspecific antibodies prepared against individual phytohormones groups is used. Substances are identified and quantified by UPLC-MS/MS technology.



● **Contact for expert and technical issues**

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● **Price and other terms**

Individual – according to scale and specification of the service.
Feel free to ask for preliminary consultation.