

# Determination of soil microbial communities by metaproteomics

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## Metaproteomics approach involves many steps

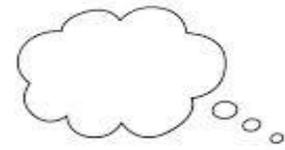
(e.g. sample extraction, gel runs, trypsin digestion, mass spectrometry, follow-up computerized data analysis , intensive database searches)

shortening processing time ?

lowers high costs for chemicals and equipment ?

## Possible advantages of pooling

*Reduction and optimization of individual samples and data evaluation*



Ungepooled 1-5  
Gepooled A

