

Detailed Protocol vs. Materials and Methods section of a journal article...

A Materials and Methods section provides a sentence to describe the protocol used. Journal articles do not give sufficient details in the Materials and Methods sections to replicate the experiment.

 Current Protocols provides multiple, multipaged step-by-step directions to describe the protocol.







Cell Biology



Microbiology



Stem Cell Biology



Cytometry



Mouse Biology



Essential Laboratory Techniques



Bioinformatics



Molecular Biology



Protein Science



Chemical Biology



Pharmacology



Immunology



Neuroscience



Plant Biology



Nucleic Acid Chemistry



Human Genetics

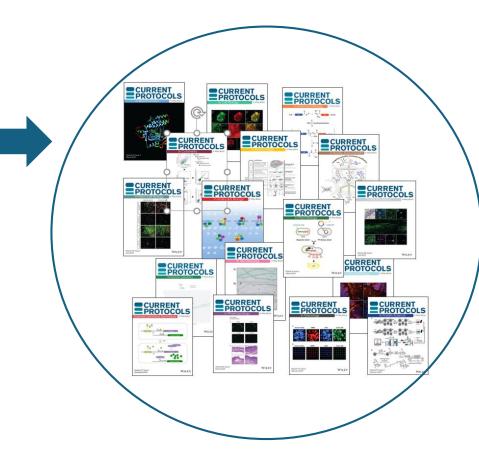


Toxicology

Current Protocols has been the trusted source of lab protocols for over 30 years

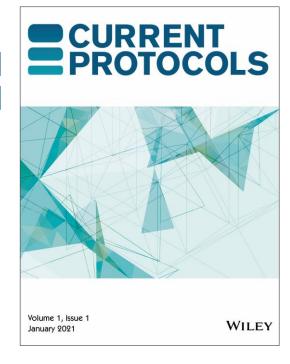


1987: updateable looseleaf binders



17 online protocol collections

One interdisciplinary journal





Who should use Current Protocols?

- Our protocols are written for someone who is new to the lab or whose research direction requires new methods.
- Principal Investigators use Current Protocols for writing grants and planning experiments.

Others include...

- Graduate/Undergraduate students
- Postdocs
- Technicians
- Scientists (academia, industry, government labs)
- Principal investigators and Department heads





WILEY

How can Current Protocols support users at Slovak Academy of Sciences and Comenius University Bratislava ?



Current Protocols Practical Applications in Daily Research

Slovak Academy of Sciences

Institute of Molecular Biology

Cell Biology: Transfecting cells with CRISPR constructs to create gene knockout models

Molecular Biology: Cloning novel genes into expression vectors and optimizing protein expression

Immunology: Developing monoclonal antibodies against newly discovered proteins

Institute of Chemistry

Chemical Biology: Synthesizing small molecule inhibitors and testing biological activity

Protein Science: Expressing, purifying, and crystallizing proteins for X-ray structure determination

Nucleic Acid Chemistry: Creating modified oligonucleotides for therapeutic applications

Institute of Plant Genetics and Biotechnology

Plant Biology: Genetic transformation of crops and analyzing transgene expression

Microbiology: Isolating beneficial soil bacteria that promote plant growth

CP Practical Applications in Daily Research

Comenius University Bratislava

Medical, Natural Sciences, and Pharmacy Faculties

Medical Research

Human Genetics: Genetic analysis, disease research, diagnostic techniques

Pharmacology: Drug development, therapeutic testing, toxicology studies

Cell Biology: Cancer research, cellular mechanisms, biomarker identification

Natural Sciences Education & Research

Molecular Biology: Laboratory techniques training, research methodology, molecular analysis

Microbiology: Pathogen identification, environmental studies, biotechnology applications

Essential Lab Techniques: Fundamental methods for undergraduate and graduate training

Biomedical Research Institutes

Neuroscience: Neural research, brain studies, neurological disease investigation

Immunology: Immune system research, inflammatory diseases, therapeutic development

Bioinformatics: Data analysis, computational biology, genomics research

Additional Resources

Visit the Current Protocols Training Hub for more information.

https://www.wiley.com/customer-success/current-protocols-training-hub

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