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- More than 18,000 protocols with an additional 2,000 added each year
- Based on tried and tested resources including Methods in Molecular Biology
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Researchers who use protocols want a quick and straightforward online resource they can trust, with content backed by excellent academic credentials. They want the information to be easy to access and practical to apply in the laboratory. Introducing The Springer Protocols Collection.

For decades researchers have relied on the research protocols and methodologies in the critically acclaimed *Methods in Molecular Biology* edited by John M. Walker. Dr. Walker was the first to introduce the step-by-step approach that has become standard throughout biomedical protocol publishing. Now, these indispensable “recipes” are available online. Other prestigious titles covered include:

- *Methods in Molecular Medicine*
- *Methods in Biotechnology*
- *Methods in Pharmacology and Toxicology*
- *Neuromethods*

Springer’s protocols will be available on SpringerLink and as a standalone database at SpringerProtocols. With protocols on SpringerLink your users can run integrated searches with eBooks and journals. The collection on SpringerLink spans the universe of research of more than 1,700 peer-reviewed journals plus a constantly expanding library of eReference Works, eBooks and an Online Archive Collection.

www.springerprotocols.com offers life science researchers a community-based approach with collaborative web 2.0 features allowing users to leave comments on specific protocols so their peers can benefit from their experience. The platform has a well-designed content structure for quick navigation in and between protocols so your users can find what they’re looking for quickly and easily. Since the site is connected to Springer, researchers can rely on the stability of the collection and look forward to continuous content expansion.

**What is a Protocol?**

Protocols are “recipes” that researchers use to recreate experiments in their laboratory. They provide predefined written procedural methods in the design and implementation of experiments including bias, safety, equipment, statistical methods, reporting and troubleshooting.

“A good scientist has to ask the right questions, and they achieve this by designing appropriate experiments. This is where the protocols help in providing assured, tried and trusted procedures that gives the user confidence in the results obtained.”

— John M. Walker, Editor, *Methods in Molecular Biology*

**Product features at-a-glance**

- The largest collection of protocols available online – 18,000 with 2,000 added annually – including contemporary and alternative versions.
- Trusted, quality content with the heritage of the prestigious *Methods in Molecular Biology* series.
- Full-text indexing for inward and outward linking.
- Integrated with SpringerLink.
- User-friendly personalization features such as alerts, RSS feeds, saved searches, download materials section and the ability to export citations.
- Innovative web 2.0 features and functionality such as the ability to add commentary and participate in discussion forums on SpringerProtocols.
Recreating experiments with ease and confidence

The Springer Protocols Collection has the largest number of online protocols so your users can find the right protocol for their lab set-up, eliminating the need to compromise or find "work arounds." Building on the heritage of Methods in Molecular Biology and content from other quality resources, your researchers can be sure that whichever protocol they choose, it will be the most reliable and robust method.

You can enhance your current Springer collection, by complementing reference materials with real world applications, allowing your researchers to recreate experiments in their laboratory. Only Springer Protocols provides up-to-date contemporary and alternative versions of each protocol. These 'alternative' versions of protocols are important for use in labs that don’t have the latest, most up-to-date equipment.

Researcher Benefits

► Unparalleled breadth and depth ensures that researchers can access the right protocol saving valuable time and increasing the likelihood their experiment will be a success.
► Quality, peer-reviewed content means researchers can be confident that the protocols they choose will be the most reliable and robust method for their work.
► Flexible, collaborative features enhance the search process and give researchers additional information and context.

Librarian Benefits

► Increase research productivity and improve the profile of your institution by giving your users access to a one-stop-shop for reliable, reproducible protocols.
► Minimize the number of resources you have to manage by investing in a stable, reliable collection with unparalleled breadth and depth of content.
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Recipes for researchers

Protocols are used wherever scientific experiments are conducted particularly in medical, biological, and pharmaceutical research where it’s important to document the course of experiments precisely, so that they can be reproduced by other researchers. Protocols are used to solve biological problems on a molecular level. They explain cellular function, structure, and interaction; discover new approaches to treating disease; and develop new drugs and/or lower the cost of drug development.

Laboratory methods are often published first in the research literature, where editors, hard-pressed for space, invariably demand brevity in the description of the methods. Details of what can go wrong, ways to circumvent problems, useful hints, tips and troubleshooting advice are rarely included. This results in researchers duplicating their efforts for lack of a reliable and informative source from which to base their research.

Laboratories can save both time and money if they use trusted, reproducible methods instead of starting from “scratch”. Springer Protocols offers step-by-step laboratory instructions, lists of the necessary equipment and ingredients, as well as notes on troubleshooting and safety precautions.

Who uses protocols?
- All libraries supporting biological research
- Academic institutions with large research departments
- Medical libraries with an affiliation to medical schools or research institutions
- Hospital libraries with extensive research within their organization
- Pharmaceutical corporate libraries
- Biotechnology companies
- Government institutions with life science/health science research departments

Applications for protocols

Biological science
- Stem cells
- Proteomics
- Genomics
- Bioinformatics
- Neuroscience
- Pharmacogenomics
- Immunochemistry
- Nanobiotechnology

Molecular medicine
- Molecular diagnosis of cancer
- Infectious disease
- Vaccines
- Gene therapy

Biotechnology
- Pharmaceutical manufacturing
- Food-borne pathogen research
- Enzyme manufacture used for human health
- Nutrition
- Environmental monitoring
- Pesticide detection
- Molecular techniques to identify medically important proteins
SpringerProtocols is a new Platform that has all the features you’ve come to expect in today’s information age. Springer Protocols are available in full text via the web browser and in Adobe PDF format, the most popular, most accessible cross-platform reader available. To facilitate inward and outward linking protocols are also available in HTML.

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Web 2.0 features
SpringerProtocols offers collaborative tools such as:

► Upload a New Protocol lets authors upload new protocols as either commissioned on Methods of Molecular Biology or as a publicly shared or community protocol.

► Comment on Published Protocols lets registered users comment on protocols and share comments with other researchers.

► Latest Protocols displays recent protocols that have been added by the Protocols Community.

► Linking to Related Protocols lets users create links to similar protocols enabling them access to more relevant data.

► RSS Feeds push updates to subscribers so they can keep up-to-date on new protocols in their area of interest.

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*Some features may not be available at launch.*
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