



# SpringerProtocols

The world's largest collection  
of biomedical and life sciences protocols

- 15 comprehensive subject collections
- Based on tried and tested resources including Methods in Molecular Biology
- Available on [link.springer.com](http://link.springer.com) and [springerprotocols.com](http://springerprotocols.com)

Tested.  
Trusted.



*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-in-Chief,  
SpringerProtocols**

# SpringerProtocols

With such breadth of content from a trusted source, SpringerProtocols is an invaluable resource for life science researchers.

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. SpringerProtocols is the most comprehensive collection of life sciences and biomedical protocols.

SpringerProtocols is available on SpringerLink ([link.springer.com](http://link.springer.com)) and as a standalone database at [springerprotocols.com](http://springerprotocols.com). With protocols on SpringerLink your users can run integrated searches with eBooks and journals. Springerprotocols.com has been designed specifically for the optimal discovery and display of protocols. The platform has a well-designed content structure for 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.

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Including all volumes of the landmark series **Methods in Molecular Biology**

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The world's  
largest collection

## Product Features at a Glance

- The largest collection of protocols available online
- Trusted, quality content with the heritage of the prestigious **Methods in Molecular Biology** series
- Rapid content growth
- Integrated with SpringerLink
- User-friendly personalization features including alerts, RSS feeds, bookmarks and favorites, saved searches, and citation exports
- Flexible subscription and ownership models
- Librarian management features
- Mobile website: protocols available wherever researchers are

# Recreating experiments with ease and confidence

SpringerProtocols 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. Only SpringerProtocols provides current and alternative, versions of protocols. These alternative versions of protocols are important for use in labs that don’t have the latest equipment. SpringerProtocols guarantees access to the best protocols for your researchers, whether they are the newest or not.



## Benefits for researchers

- 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, reviewed content means researchers can be confident that the protocol 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.
- Mobile site means protocols are available wherever researchers are.

Robust and  
reliable

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## SpringerProtocols – find the right protocol at the right time

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## Benefits for librarians

- 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.
- Integration with SpringerLink means you can increase exposure to, and maximize your investment in, other content like eBooks, journals and reference works.
- A variety of purchase options means you have the flexibility to invest in the most appropriate content for your organization.

# Recipes for Researchers

In biological, medical, and pharmaceutical research, it is important to document the course of experiments precisely, so they can be reproduced by researchers in other labs. However, laboratory methods are often first published in the research literature, where details of what can go wrong, ways to circumvent problems, useful hints, tips and troubleshooting advice are rarely included. Using only the research literature, a researcher will not be able to accurately reproduce the experiment.

This problem is solved with SpringerProtocols! Laboratories can save time and money if they use trusted, reproducible methods instead of starting from scratch. SpringerProtocols offers step-by-step laboratory instructions, lists of the necessary equipment and ingredients, and notes on troubleshooting and safety precautions.

## What do protocols look like?

All Springer protocols are written in the precise format pioneered in **Methods in Molecular Biology**. This ensures researchers can always find the content they are looking for, exactly where they expect to find it.

**Introduction:** Presents the scope of the experiment, including necessary theory or background information

**Materials:** A list of all equipment and ingredients needed, addressing all time, temperature, and safety issues

**Methods:** A step-by-step list of instructions to complete the experiment, correlated to the materials needed at each step

**Notes:** Tips, tricks, and troubleshooting advice directly from the protocol author to the researcher in the lab

## What are protocols used for?

Protocols are used during biomedical and life science experiments, with a wide range of applications. Biomedical and life science experiments, when successfully conducted with the help of the proper protocols, have the potential to create advancements that improve the way people live.

Protocols identify, manipulate, and explain biological processes, functions, structures, and activities of molecular cell components. They target cellular processes involved in disease, discover new approaches to treating disease, and develop new drugs and lower the cost of drug development.

## SpringerProtocols is divided into 15 subject collections:

- Biochemistry
- Bioinformatics
- Biotechnology
- Cancer Research
- Cell Biology
- Genetics/Genomics
- Imaging/Radiology
- Immunology
- Infectious Diseases
- Microbiology
- Molecular Medicine
- Neuroscience
- Pharmacology/Toxicology
- Plant Sciences
- Protein Science

## Protocols are used to solve biological problems on a molecular level

### Contents of this article

#### 1 Introduction

#### 2 Materials

- 2.1 General Tissue Culture
- 2.2 T3 Cultivation and Feed...
- 2.3 Isolation and Cultivati...
- 2.4 Organotypic Cultivation

#### 3 Methods

- 3.1 Cultivation of Cells
- 3.2 Preparation of the Feed...
- 3.3 Isolation of Keratinocy...
- 3.4 Organotypic Culture to ...

#### 4 Notes

#### References





# All the features you'd expect, and more

## Search features

Searching SpringerProtocols is easy. Users can browse protocols based on category, series, or volume. Highlighted search terms in the results field provide a quick overview. Results are refined as the search progresses, increasing the relevancy of results with each click of the mouse.

The screenshot displays the SpringerProtocols website interface. At the top, there is a navigation bar with the SpringerProtocols logo, a search bar, and links for 'ABOUT US', 'RSS', and 'HELP'. Below the navigation bar, a welcome message reads: 'Welcome. Sign in [here](#). New user? Register [here](#).' The main content area features a protocol article titled '3. Isolation, Culture, and Potentiality Assessment of Lung Alveolar Stem Cells' by Peride Oeztuerk-Winder<sup>1</sup> and Juan-Jose Ventura<sup>2</sup>. The article includes an abstract, a list of images from the protocol, and a list of references. On the left side, there is a sidebar with 'Access for partners' and 'Contents of this article' sections. The 'Contents of this article' section lists the following sections: 1 Introduction, 2 Materials, 3 Methods, 4 Notes, and 5 References. The 'Access for partners' section lists the following categories: Biochemistry (3443), Bioinformatics (568), Biotechnology (805), Cancer Research (1349), Cell Biology (5060), Genetics/Genomics (4409), and Immunology (1405). On the right side, there is a sidebar with 'Inside SpringerProtocols' and 'Useful Tools' sections. The 'Inside SpringerProtocols' section lists: Source Title List, New Protocols, Free Protocols, Popular Protocols, Tour, For Contributors/Editors, and For Library Admins. The 'Useful Tools' section lists: Post to [citeulike](#), Related Books, Similar Protocols, Export Citation, Comment, Recommend to your library administrator, and View This Article on SpringerLink.

## Content features

- Linked table of contents for all sections within each protocol
- Commenting feature lets registered users comment on protocols and share comments with other researchers
- Dynamic lists display most recent protocols, free protocols, and most popular protocols
- Linking to related protocols by author, subject, title, and keyword
- RSS feeds and alerts push updates to subscribers so they can keep up-to-date on new protocols in their area of interest

## Management features

SpringerProtocols offers a number of management features for librarians, including free MARC records, COUNTER usage reports, custom branding opportunities, and user and IP management.

# License Models & Availability

## Ownership models

There are two options for purchasing SpringerProtocols. There is a one-time price for purchasing archived Protocols. Users may then also own or license SpringerProtocols for additional years.

## License models

There are multiple options for subscribing to SpringerProtocols. Individual subject collections can be subscribed to via springerprotocols.com only.

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New customers are eligible for a 60-day trial. Some restrictions may apply.

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