



RESEARCH COMMITTEE

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PROSPERO Registration

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1. Creating a PROSPERO Account

1. Register or Log In

- Navigate to [PROSPERO Home](#)
- Click **Join** to register or **Login** if you already have an account.
- Verify your email if you are registering for the first time.

NIHR | National Institute for
Health and Care Research

PROSPERO
International prospective register of systematic reviews

Home FAQs About PROSPERO ▾

Search Login

Join us



2. Before You Register Your Systematic Review

1. Define and Refine Your Research Question

1.1. Frame a Clear Question

- 1.1.1. Use a structured format: PICO (Population, Intervention, Comparator, Outcome), PECO (Exposure), or SPIDER (qualitative).
- 1.1.2. Ensure the question is specific, answerable, and relevant to stakeholders.

E.g.: Probiotics to Prevent Antibiotic-Associated Diarrhoea in Children

- **Population:** Children (any age) receiving systemic antibiotics
- **Intervention:** Any probiotic preparation (e.g., Lactobacillus, Saccharomyces)
- **Comparator:** Placebo or no probiotic
- **Outcome:** Incidence of antibiotic-associated diarrhoea
- **Rationale:** Well-studied intervention; consistent outcome definitions; several meta-analyses already, but scope for updating.

1.1.3. Assess Novelty: Conduct a preliminary scoping search to verify the question has not been comprehensively addressed.



Type your systematic review **keywords** in the search bar using boolean operators (AND, OR)

A screenshot of the PROSPERO search results page. The search bar at the top contains the query "Probiotics AND Antibiotic-Associated Diarrhoea". Below the search bar, the results are displayed with a search term summary and a list of 9 results. On the left, there are filters for "Record type" (Clinical, Cochrane) and "Review status" (Completed, Ongoing). An orange arrow points to the "Apply" button for filters. The results list includes two entries, each with a checkbox and a brief description. At the bottom of the results page, there are buttons for "Select all on this page", "Clear all selections", "Download selected", and "Download all".

Search term: Probiotics AND Antibiotic-Associated Diarrhoea

9 results

Record type

Clinical (8)

Cochrane (1)

Review status

Completed (4)

Ongoing (5)

Effectiveness of Probiotics in Preventing Clostridium difficile-Associated Diarrhea: A Meta-analysis of Randomized Controlled Trials 2025 CRD420251062730 (Ongoing)

Effectiveness of probiotic in preventing antibiotic associated diarrhoea and/or Clostridium difficile associated diarrhoea in patients with spinal cord injury: a study protocol for a systematic review of randomised controlled trials 2015 CRD42015016976 (Ongoing)

You can **filter your search results** by clicking on relevant filters and clicking 'Apply'

A screenshot of the PROSPERO filter sidebar. It includes sections for "Record type" (Clinical, Cochrane), "Review status" (Completed, Ongoing), and "Date of registration" (with fields for "Start date" and "15 July 2025"). An orange arrow points to the "Apply" button for filters.

Going through **the completed SRs** would help you understand how to fill your own application. Go through a few PROSPERO records as a learning activity for preparation of your own protocol. Choose records that are either completed or registered within the past two years, as older or long-standing incomplete records may be of lower quality or contain issues.

Filters Apply Reset Back

Search term: **Probiotics AND Antibiotic-Associated Diarrhoea**

4 filtered results (from a total of 9)

Select all on this page (0 selected) Clear all selections Download selected Download all

<input type="checkbox"/>	 The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis 2024 CRD42024563362 (Completed)
<input type="checkbox"/>	 The effectiveness and safety of treatments used for acute diarrhoea in children: a systematic review and network meta-analysis 2015 CRD42015023778 (Completed)
<input type="checkbox"/>	 The efficacy and safety of probiotics in people with a cancer: an updated systematic review and meta-analysis protocol 2016 CRD42016050252 (Completed)
<input type="checkbox"/>	 The use of probiotics in people with cancer 2012 CRD42012003454 (Completed)

Record type Clinical (4)

Review status Completed (4)

Date of registration

Start date

The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis

Yosua Yan Kristian, Annisa Alifaradila Rachmayanti, Fitria Nusa Eka Pratiwy, Yohannessa Wulandari, Diana Sunardi

Citation

Yosua Yan Kristian, Annisa Alifaradila Rachmayanti, Fitria Nusa Eka Pratiwy, Yohannessa Wulandari, Diana Sunardi. The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis. PROSPERO 2024 CRD42024563362. Available from <https://www.crd.york.ac.uk/PROSPERO/view/CRD42024563362>.

REVIEW TITLE AND BASIC DETAILS

Review title

The effect of Lactobacillus casei Shirota on antibiotic-associated diarrhea: A systematic review and meta-analysis

Review objectives

Does Lactobacillus casei Shirota improve the severity of antibiotic-associated diarrhoea in adults?
Does Lactobacillus casei Shirota improve the duration of antibiotic-associated diarrhoea in adults?

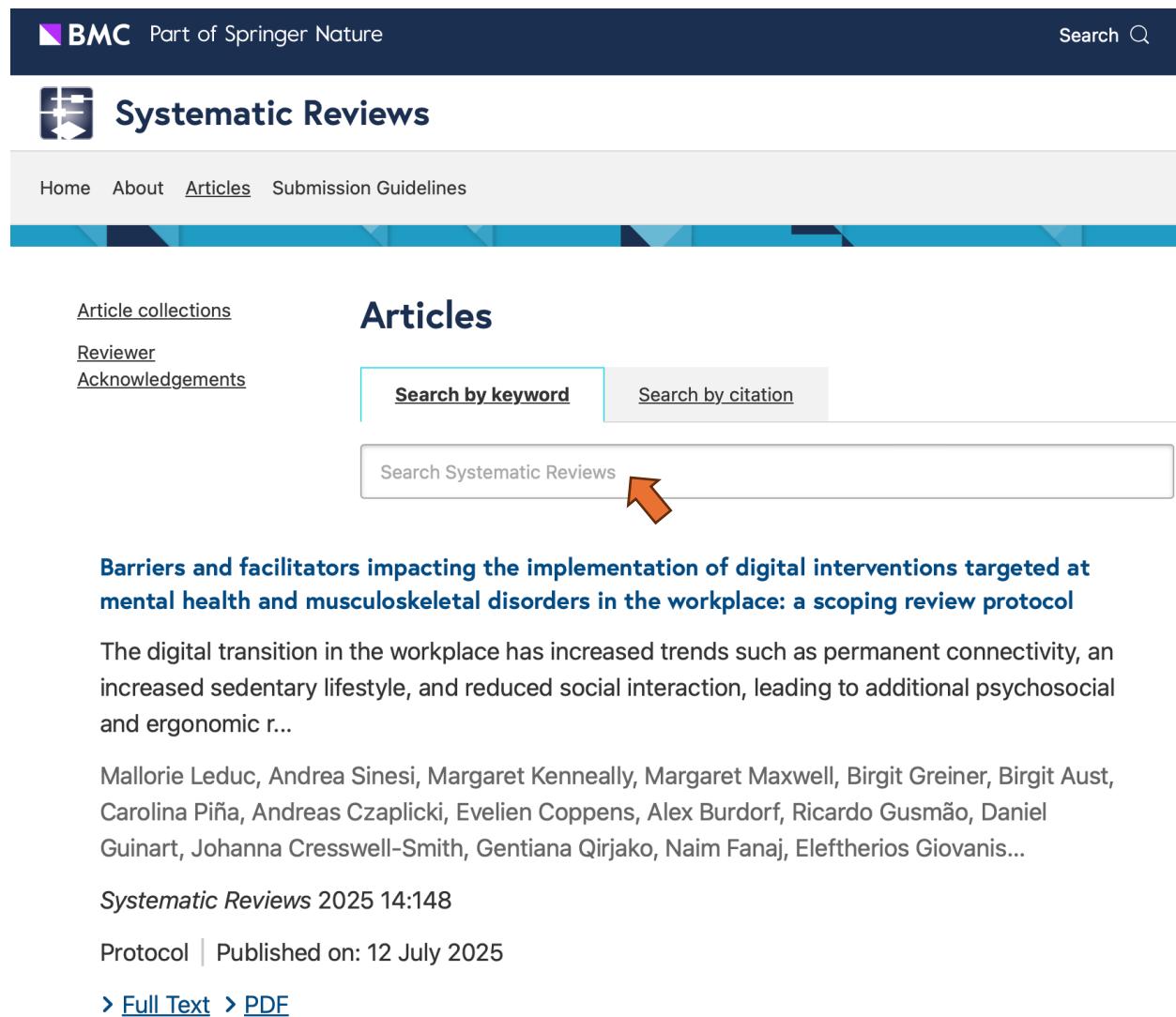
Keywords

antibiotic-associated diarrhea, Lactobacillus casei Shirota

Go through **published SR protocols** to deepen your understanding.

BMC Systematic Reviews is a journal that publishes SR protocols.

These will help you to refine your own protocol and fulfil required information for the PROSPERO registration.



The screenshot shows the homepage of BMC Systematic Reviews. At the top, there is a dark header with the BMC logo and the text "Part of Springer Nature" on the left, and a "Search" bar with a magnifying glass icon on the right. Below the header, the journal title "Systematic Reviews" is displayed with a stylized logo. A navigation bar below the title includes links for "Home", "About", "Articles" (which is underlined, indicating the current page), and "Submission Guidelines". The main content area is titled "Articles". On the left, there are links for "Article collections", "Reviewer", and "Acknowledgements". In the center, there are two search input fields: "Search by keyword" (highlighted with a blue border) and "Search by citation". Below these fields is a large search bar with the placeholder "Search Systematic Reviews" and an orange arrow pointing towards it. The main article listed is titled "Barriers and facilitators impacting the implementation of digital interventions targeted at mental health and musculoskeletal disorders in the workplace: a scoping review protocol". The article summary, authors, publication details, and download links are also visible.

BMC Part of Springer Nature

Search

Systematic Reviews

Home About Articles Submission Guidelines

Article collections

Reviewer

Acknowledgements

Search by keyword

Search by citation

Search Systematic Reviews

Barriers and facilitators impacting the implementation of digital interventions targeted at mental health and musculoskeletal disorders in the workplace: a scoping review protocol

The digital transition in the workplace has increased trends such as permanent connectivity, an increased sedentary lifestyle, and reduced social interaction, leading to additional psychosocial and ergonomic r...

Mallorie Leduc, Andrea Sinesi, Margaret Kenneally, Margaret Maxwell, Birgit Greiner, Birgit Aust, Carolina Piña, Andreas Czaplicki, Evelien Coppens, Alex Burdorf, Ricardo Gusmão, Daniel Guinart, Johanna Cresswell-Smith, Gentiana Qirjako, Naim Fanaj, Eleftherios Giovanis...

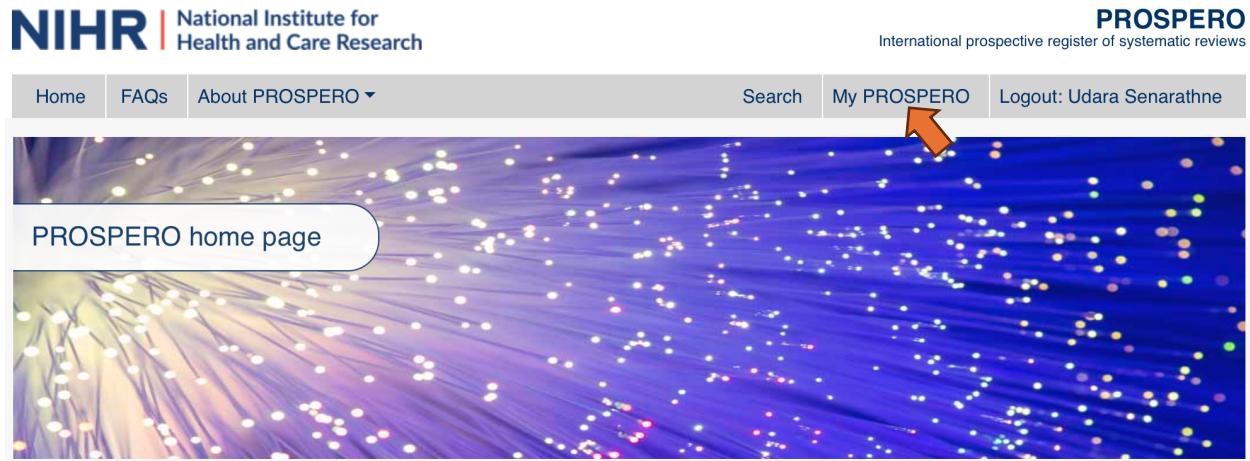
Systematic Reviews 2025 14:148

Protocol | Published on: 12 July 2025

> [Full Text](#) > [PDF](#)

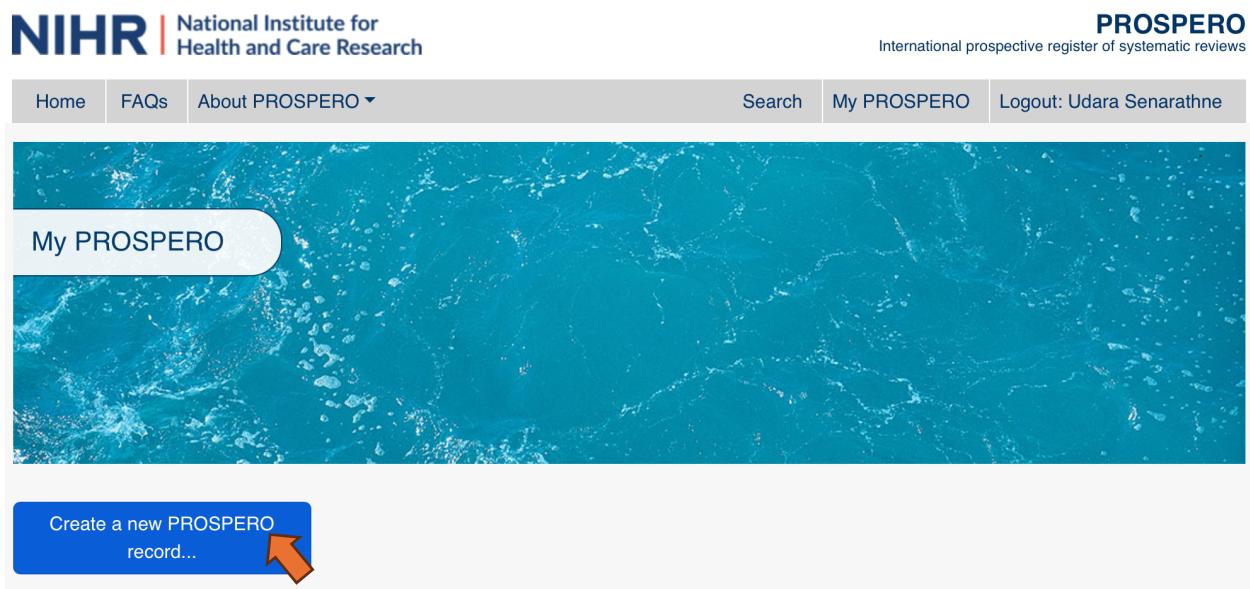
3. Registration of Your Systematic Review

After login, go to **My PROSPERO**.



The screenshot shows the PROSPERO home page. At the top, there is a navigation bar with links for Home, FAQs, About PROSPERO, Search, My PROSPERO (which is highlighted with an orange arrow), and Logout. The main content area features a background image of glowing fiber optics and a callout box labeled "PROSPERO home page".

Click on Create a new PROSPERO record to **Initiate a New Record**



The screenshot shows the "My PROSPERO" page. At the top, there is a navigation bar with links for Home, FAQs, About PROSPERO, Search, My PROSPERO (which is highlighted with an orange arrow), and Logout. The main content area features a background image of a brain scan and a callout box labeled "My PROSPERO". At the bottom left, there is a blue button with the text "Create a new PROSPERO record..." and an orange arrow pointing to it.

Select appropriate options for your Systematic Review topic. When it comes to selecting what type of review, please select '**Intervention review**' irrespective of your topic as other types of review registration options are still under development currently. (July 2025)

What type of review are you planning?

Intervention review
Assessing the benefits, harms or experience of a health intervention (medicine, treatment, vaccine, device, preventative measure, procedure or policy).

Coming soon: Diagnostic test accuracy
Assessing the accuracy of a diagnostic test in detecting or excluding a particular disease or condition.

Coming soon: Prognostic review
Assessing the probable course or future outcome of people with a particular health problem.

Coming soon: Review of incidence or prevalence
Assessing the prevalence or incidence of a disease or condition.

Coming soon: Methodology
Examining the evidence on methodological aspects of systematic reviews, trials and other evaluations of health and social care.

[Register your review now](#)

You can enter the specific details for each section and leave it as '**Save for Later**' initially so that you can make changes during the process of registration. Once all details are finalised, you can proceed to '**Mark as complete**'.

Review title Hide instructions

Enter the review title here (* required)

Probiotics to Prevent Antibiotic-Associated Diarrhoea in Children

7 words - minimum 5, maximum 30

[Save for later](#) [Mark as complete](#) [Go back](#) [Preview](#)

Given below are the information you need for the Registration of Your Systematic Review on PROSPERO

REVIEW TITLE AND BASIC DETAILS

Review title

Condition or domain being studied

Rationale for the review

Review objectives

Keywords

Country

ELIGIBILITY CRITERIA

Population

Intervention(s) or exposure(s)

Comparator(s) or control(s)

Study design

Context

SIMILAR REVIEWS

Check for similar records already in PROSPERO

TIMELINE OF THE REVIEW

Date of first submission to PROSPERO

Review timeline

Date of registration in PROSPERO

AVAILABILITY OF FULL PROTOCOL

Availability of full protocol

SEARCHING AND SCREENING

Search for unpublished studies

Main bibliographic databases that will be searched

Search language restrictions

Search date restrictions

Other methods of identifying studies

Link to search strategy

Selection process

Other relevant information about searching and screening

DATA COLLECTION PROCESS

Data extraction from published articles and reports

Study risk of bias or quality assessment

Reporting bias assessment

Certainty assessment

OUTCOMES TO BE ANALYSED

Main outcomes

Additional outcomes

PLANNED DATA SYNTHESIS

Strategy for data synthesis

CURRENT REVIEW STAGE

Stage of the review at this submission

Publication of review results

REVIEW AFFILIATION, FUNDING AND PEER REVIEW

Review team members

Review affiliation

Funding source

Peer review

ADDITIONAL INFORMATION

Additional information

Review conflict of interest

Medical Subject Headings