DESCRIPTION

EuPA Open Proteomics is published by Elsevier on behalf of the European Proteomics Association (EuPA) and is aimed at both European and international protein scientists together with scientists who are exploiting proteomics, lipidomics, glycomics or metabolomics in any way in their studies.

Expanding and complementing the society affiliate Journal of Proteomics, EuPA Open Proteomics will publish full papers, reviews, mini-reviews, short communications, perspectives, opinions, comments and book reviews on all aspects of protein science, with a focus on proteomics, lipidomics, glycomics and metabolomics, and covers the complete spectrum from basic to translational proteomics and plant, animal, microbial and human studies.

Also welcome are reports on novel methodological and technical developments, including in bioinformatics and data processing, mass spectrometry imaging, pathway analysis, peptidomics, direct submissions from authors wishing to report on large data sets (submitted to raw data repositories) and descriptive studies. The journal will also consider high quality omics articles where a thorough and appropriate statistical analysis has been reported but where the findings have not been fully validated by orthogonal methods.

All manuscripts are peer reviewed and must conform the highest ethical standards.

EuPA Open Proteomics also publishes official EuPA reports and notes.

Benefits to authors
Opinion and perspectives papers containing less than 1,200 words and 2-3 figures are also welcomed by the journal. For information on open access article processing fees, please visit the following page. We also provide many author benefits, such as free PDFs, a liberal copyright policy, special discounts on Elsevier publications and much more. Please click here for more information on our author services.

Please see our Guide for Authors for information on article submission. If you require any further information or help, please visit our Support Center

For questions about publishing in EuPA, please contact euprot (@) elsevier.com
ABSTRACTING AND INDEXING

Directory of Open Access Journals (DOAJ)

EDITORIAL BOARD

Editor in Chief
Andrew Pitt, Aston University, Birmingham, England, UK

Associate Editors
Maarten Altelaar
Per Andrén, Uppsala Universitet, Upppsala, Sweden
Geert Baggerman, Universiteit Antwerpen, Antwerpen, Belgium
Luca Bini, Università degli Studi di Siena, Siena, Italy
Pedro Fernandes, Instituto Gulbenkian de Ciência, Oeiras, Portugal
Martina Marchetti-Deschmann, Technische Universität Wien, Vienna, Austria
Lennart Martens, Universiteit Gent-VIB, Gent, Belgium
Liam A. McDonnell, Leids Universitair Medisch Centrum (LUMC), Leiden, Netherlands
Shabaz Mohammed, University of Oxford, Oxford, England, UK
Oliver Poetz, Universität Tübingen, Reutlingen, Germany
Alexander Scherl, Université de Genève, Centre Medical Universitaire (CMU), Genève 4, Switzerland
Arjen Scholten, Utrecht University, Utrecht, Netherlands
Chris Shaw, Queen's University Belfast, Belfast, UK
Andrej Shevchenko, Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG), Dresden, Germany
Andrea Urbani, Università di Roma "Tor Vergata", Rome, Italy
Liesbeth Veenhoff, Rijksuniversiteit Groningen, Groningen, Netherlands
Roman Zubarev, Karolinska Institutet, Stockholm, Sweden

Junior Editors
K. Kratochwill, Medizinische Universität Wien Kinderklinikum, Wien, Austria
M. Vaudel, University of Bergen, Bergen, Norway
GUIDE FOR AUTHORS

Your Paper Your Way
We now differentiate between the requirements for new and revised submissions. You may choose to submit your manuscript as a single Word or PDF file to be used in the refereeing process. Only when your paper is at the revision stage, will you be requested to put your paper in to a 'correct format' for acceptance and provide the items required for the publication of your article.
To find out more, please visit the Preparation section below.

INTRODUCTION
EuPA Open Proteomics is published by Elsevier on behalf of the European Proteomics Association (EuPA) and is aimed at both European and international protein scientists.

Expanding and complementing the society affiliate Journal of Proteomics, EuPA Open Proteomics will publish on all aspects of proteomics and cover the complete spectrum from basic to translational proteomics. Particularly welcome are reports on novel methodological and technical developments, including bioinformatics and data processing, mass spectrometry imaging, pathway analysis, peptidomics, lipidomics and glycomics. It will also accept direct submissions from authors wishing to report on large datasets (submitted to raw data repositories) and descriptive studies. Manuscripts are welcome from plant, animal, microbial and human studies. All manuscripts are strictly peer reviewed and conform the highest ethical standards. EuPA Open Proteomics also publishes official EuPA reports and notes.

Types of paper
The following types of paper are published:

Full Length Article: Full Length Articles are the normal medium of publication. Although there is no fixed length, articles should be as concise as possible, while providing sufficient information for the work to be repeated and for the claims of the authors to be judged by the readers.

Mandatory requirements for reporting of clinical biomarker studies:

1) A clinical biomarker is only relevant in specific contexts of use per disease, it must have a potential to improve the current state of the art (either being of added value, or based on its sole performance), and its application must be linked to a clear change in patient management. As such, the specific proposed context of use of the presented biomarker must be clearly provided and the expected practical consequence of the biomarker application should be discussed.
2) A biomarker can only be assessed in an independent (ideally blinded) test set, containing sufficient samples to demonstrate significant value and justify relevant claims regarding biomarker use. Assessment of performance in a discovery set is inappropriate.
3) This initial independent validation and performance assessment has to be performed in samples that reflect the typical clinical situation depending on the targeted context of use.
4) Authors submitting clinical biomarker studies should address the above points in the cover letter, so that the Editor can assess and evaluate if the submitted manuscript fulfils the requirements for publication in EuPA Open Proteomics.

Review Article: These are short reviews contributed by scientists who are leading specialists in their field of expertise. Authors wishing to contribute a review paper are advised first to contact the Editor in Chief.

Short Communications: Short Communications (or) Technical Report should present brief descriptions of novel apparatus, a new experimental or computational method, test or procedure, or an improvement or noteworthy modification of an already existing technique or platform used in the proteomic workflow. Short Communications should show a realistic application of the methodology described. Theoretical papers dealing with mechanistic aspects of proteomic techniques will also be considered. A technical report should be a short (no more than two pages when published) description written in a continuous style with no more than two figures and one table.
News & Views: News & Views point out the author(s) vision of the character and importance of a new direction in proteome research. They are not intended to be accounts or analyses of an individual’s personal research. Although News & Views will usually be invited, they can be submitted without invitation. Author(s) are encouraged to suggest experts in the field who can act as reviewers.

Correspondence: Correspondence (or) Letters to the Editor are intended to stimulate discussion and debate in areas of general concern and controversy in proteomics, and generally reflect the personal opinions of the author(s). They should be written in a continuous style and should normally not exceed two printed pages and contain no more than one figure or table.

Page charges
This title is fully open access and therefore funded not through library subscription payments but through author fees. If you would like your article to be published open access, but you genuinely cannot afford these fees, then individual waiver requests are considered on a case-by-case basis and may be granted in cases of genuine need. Priority for this waiver programme will be given to applications by authors from countries eligible for the Research4Life programme. See http://www.research4life.org/institutions.html.

Submission checklist
You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

Ensure that the following items are present:

One author has been designated as the corresponding author with contact details:
- E-mail address
- Full postal address

All necessary files have been uploaded:

Manuscript:
- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided
- Indicate clearly if color should be used for any figures in print

Graphical Abstracts / Highlights files (where applicable)

Supplemental files (where applicable)

Further considerations
- Manuscript has been 'spell checked' and 'grammar checked'
- All references mentioned in the Reference List are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Internet)
- A competing interests statement is provided, even if the authors have no competing interests to declare
- Journal policies detailed in this guide have been reviewed
- Referee suggestions and contact details provided, based on journal requirements

For further information, visit our Support Center.

BEFORE YOU BEGIN

Ethics in publishing
Please see our information pages on Ethics in publishing and Ethical guidelines for journal publication.

Human and animal rights
If the work involves the use of human subjects, the author should ensure that the work described has been carried out in accordance with The Code of Ethics of the World Medical Association (Declaration of Helsinki) for experiments involving humans; Uniform Requirements for manuscripts submitted to Biomedical journals. Authors should include a statement in the manuscript that informed consent was obtained for experimentation with human subjects. The privacy rights of human subjects must always be observed.
All animal experiments should comply with the ARRIVE guidelines and should be carried out in accordance with the U.K. Animals (Scientific Procedures) Act, 1986 and associated guidelines, EU Directive 2010/63/EU for animal experiments, or the National Institutes of Health guide for the care and use of Laboratory animals (NIH Publications No. 8023, revised 1978) and the authors should clearly indicate in the manuscript that such guidelines have been followed.

**Policy and ethics**

The work described in your article must have been carried out in accordance with The Code of Ethics of the World Medical Association (Declaration of Helsinki) for experiments involving humans [http://www.wma.net/en/30publications/10policies/b3/index.html](http://www.wma.net/en/30publications/10policies/b3/index.html); EU Directive 2010/63/EU for animal experiments [http://ec.europa.eu/environment/chemicals/lab_animals/legislation_en.htm](http://ec.europa.eu/environment/chemicals/lab_animals/legislation_en.htm); Uniform Requirements for manuscripts submitted to Biomedical journals [http://www.icmje.org](http://www.icmje.org). This must be stated at an appropriate point in the article.

*EuPA Open Proteomics* will reject any paper where there is reason to believe that animals have been subjected to unnecessary or avoidable pain or distress.

**Conflict of interest**

*EuPA Open Proteomics* follows the ICMJE recommendations regarding conflict of interest disclosures. All authors are required to report the following information with each submission: (1) All third-party financial support for the work in the submitted manuscript. (2) All financial relationships with any entities that could be viewed as relevant to the general area of the submitted manuscript. (3) All sources of revenue with relevance to the submitted work who made payments to you, or to your institution on your behalf, in the 36 months prior to submission. (4) Any other interactions with the sponsor of outside of the submitted work should also be reported. (5) Any relevant patents or copyrights (planned, pending, or issued). (6) Any other relationships or affiliations that may be perceived by readers to have influenced, or give the appearance of potentially influencing, what you wrote in the submitted work. As a general guideline, it is usually better to disclose a relationship than not. This information will be acknowledged at publication in a Transparency Document link directly in the article. Additional information on the ICMJE recommendations can be found at: [http://www.icmje.org/](http://www.icmje.org/). The form for conflict of interest disclosure can be downloaded here: [http://www.icmje.org/coi_disclosure.pdf](http://www.icmje.org/coi_disclosure.pdf) (if this link does not display properly in your browser, please right-click the link and select "Save Target As..." or "Save Link as..." from the pop-up menu).

**Authorship**

All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

**Submission declaration and verification**

Submission of an article implies that the work described has not been published previously (except in the form of an abstract or as part of a published lecture or academic thesis or as an electronic preprint, see 'Multiple, redundant or concurrent publication' section of our ethics policy for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright-holder. To verify originality, your article may be checked by the originality detection service CrossCheck.

**Changes to authorship**

Authors are expected to consider carefully the list and order of authors before submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only before the manuscript has been accepted and only if approved by the journal Editor. To request such a change, the Editor must receive the following from the corresponding author: (a) the reason for the change in author list and (b) written confirmation (e-mail, letter) from all authors that they agree with the addition, removal or rearrangement. In the case of addition or removal of authors, this includes confirmation from the author being added or removed.
Only in exceptional circumstances will the Editor consider the addition, deletion or rearrangement of authors after the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.

**Copyright**
Authors will be asked to sign an exclusive publishing agreement that allows them to retain copyright of their work. Authors can choose to publish their work under one of two Creative Common licenses. The first option is the Creative Commons Attribution 3.0 Unported License (or CC BY), which allows users to alter and build upon the article and then distribute the resulting work, even commercially. As with all Creative Commons licenses the work must be attributed to the original author and publisher. This license encourages maximum use and redistribution. The full details of the license are available at [http://creativecommons.org/licenses/by/3.0/legalcode](http://creativecommons.org/licenses/by/3.0/legalcode). To provide open access, expenses are offset by a publication fee of 1,700 EUR that will allow *EuPA Open Proteomics* to support itself in a fully sustainable way. Students from affiliated societies receive a discount.

**Copyright**
Upon acceptance of an article, authors will be asked to complete an 'Exclusive License Agreement' (see more information on this). Permitted third party reuse of open access articles is determined by the author's choice of user license.

**Author rights**
As an author you (or your employer or institution) have certain rights to reuse your work. More information.

*Elsevier supports responsible sharing*
Find out how you can share your research published in Elsevier journals.

**Retained author rights**
Authors retain the copyright of their work.

**Role of the funding source**
You are requested to identify who provided financial support for the conduct of the research and/or preparation of the article and to briefly describe the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement then this should be stated.

**Funding body agreements and policies**
Elsevier has established a number of agreements with funding bodies which allow authors to comply with their funder's open access policies. Some funding bodies will reimburse the author for the Open Access Publication Fee. Details of existing agreements are available online.

**Open access**
This is an open access journal: all articles will be immediately and permanently free for everyone to read and download. To provide open access, this journal has an open access fee (also known as an article publishing charge APC) which needs to be paid by the authors or on their behalf e.g. by their research funder or institution. Permitted third party (re)use is defined by the following Creative Commons user licenses:

*Creative Commons Attribution (CC BY)*
Lets others distribute and copy the article, create extracts, abstracts, and other revised versions, adaptations or derivative works of or from an article (such as a translation), include in a collective work (such as an anthology), text or data mine the article, even for commercial purposes, as long as they credit the author(s), do not represent the author as endorsing their adaptation of the article, and do not modify the article in such a way as to damage the author's honor or reputation.

*Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND)*
For non-commercial purposes, lets others distribute and copy the article, and to include in a collective work (such as an anthology), as long as they credit the author(s) and provided they do not alter or modify the article.

The open access publication fee for this journal is **USD 1700**, excluding taxes. For Micro-articles (MIC) the open access fee will be **USD 500**, excluding taxes. Learn more about Elsevier's pricing policy: [http://www.elsevier.com/openaccesspricing](http://www.elsevier.com/openaccesspricing).
Language (usage and editing services)
Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate possible grammatical or spelling errors and to conform to correct scientific English may wish to use the English Language Editing service available from Elsevier's WebShop.

Submission
Our online submission system guides you stepwise through the process of entering your article details and uploading your files. The system converts your article files to a single PDF file used in the peer-review process. Editable files (e.g., Word, LaTeX) are required to typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.

Submit your article
Please submit your article via http://ees.elsevier.com/euprot.

Referees
Please provide the names and addresses of 4 - 5 suitable potential reviewers. If there are compelling reasons for excluding some individuals as potential reviewers, these can be mentioned. However, choice of reviewers is at the Editors’ discretion.

PREPARATION
NEW SUBMISSIONS
Submission to this journal proceeds totally online and you will be guided stepwise through the creation and uploading of your files. The system automatically converts your files to a single PDF file, which is used in the peer-review process. As part of the Your Paper Your Way service, you may choose to submit your manuscript as a single file to be used in the refereeing process. This can be a PDF file or a Word document, in any format or layout that can be used by referees to evaluate your manuscript. It should contain high enough quality figures for refereeing. If you prefer to do so, you may still provide all or some of the source files at the initial submission. Please note that individual figure files larger than 10 MB must be uploaded separately.

References
There are no strict requirements on reference formatting at submission. References can be in any style or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/book title, chapter title/article title, year of publication, volume number/book chapter and the pagination must be present. Use of DOI is highly encouraged. The reference style used by the journal will be applied to the accepted article by Elsevier at the proof stage. Note that missing data will be highlighted at proof stage for the author to correct.

Formatting requirements
There are no strict formatting requirements but all manuscripts must contain the essential elements needed to convey your manuscript, for example Abstract, Keywords, Introduction, Materials and Methods, Results, Conclusions, Artwork and Tables with Captions. If your article includes any Videos and/or other Supplementary material, this should be included in your initial submission for peer review purposes. Divide the article into clearly defined sections.

Figures and tables embedded in text
Please ensure the figures and the tables included in the single file are placed next to the relevant text in the manuscript, rather than at the bottom or the top of the file. The corresponding caption should be placed directly below the figure or table.

Peer review
This journal operates a single blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. More information on types of peer review.

REVISED SUBMISSIONS
To assist in the reviewing of your paper, please add line numbering to your manuscript file.
Use of word processing software
Regardless of the file format of the original submission, at revision you must provide us with an editable file of the entire article. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier). See also the section on Electronic artwork.
To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

Article structure
Original articles are usually divided into the sections Introduction, Materials and methods, Results, Discussion and Conclusions:

Introduction
This is a short section in which the authors should state the reasons for performing the work, with brief reference to relevant previous work.

Material and methods
Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.

Results
Results should be clear and concise.

Discussion
This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions
The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

Technical reports, News & Views, Letters to the Editor
These types of papers are not divided into sections after the summary, except for the reference list. The first paragraph serves as an introduction; acknowledgments are added as a final paragraph before the reference list.

Essential title page information
• Title. Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.
• Author names and affiliations. Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. You can add your name between parentheses in your own script behind the English transliteration. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.
• Corresponding author. Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication. This responsibility includes answering any future queries about Methodology and Materials. Ensure that the e-mail address is given and that contact details are kept up to date by the corresponding author.
• Present/permanent address. If an author has moved since the work described in the article was done, or was visiting at the time, a 'Present address' (or 'Permanent address') may be indicated as a footnote to that author's name. The address at which the author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes.

Abstract
A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.
Graphical abstract
A graphical abstract is mandatory for this journal. It should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership online. Authors must provide images that clearly represent the work described in the article. Graphical abstracts should be submitted as a separate file in the online submission system. Image size: please provide an image with a minimum of 531 × 1328 pixels (h × w) or proportionally more. The image should be readable at a size of 5 × 13 cm using a regular screen resolution of 96 dpi. Preferred file types: TIFF, EPS, PDF or MS Office files. You can view Example Graphical Abstracts on our information site. Authors can make use of Elsevier’s Illustration Services to ensure the best presentation of their images also in accordance with all technical requirements.

Graphical Abstract should allow readers to quickly gain an understanding of the main take-home message of the paper and is intended to encourage browsing, promote interdisciplinary scholarship, and help readers identify more quickly which papers are most relevant to their research interests. The Graphical Abstract should summarize the contents of the paper in a concise, pictorial form designed to capture the attention of a wide readership. Authors must provide images that clearly represent the work described in the paper. A key, summarising figure taken from the original paper can also be submitted as a graphical abstract.

Graphical Abstracts should be submitted as a separate file in EES by selecting "Graphical Abstract" from the drop-down box when uploading files.

Highlights
Highlights are mandatory for this journal. They consist of a short collection of bullet points that convey the core findings of the article and should be submitted in a separate file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point). See http://www.elsevier.com/highlights for examples.

Formatting of funding sources
List funding sources in this standard way to facilitate compliance to funder's requirements:

Funding: This work was supported by the National Institutes of Health [grant numbers xxxx, yyyy]; the Bill & Melinda Gates Foundation, Seattle, WA [grant number zzzz]; and the United States Institutes of Peace [grant number aaaa].

It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, please include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Footnotes
Footnotes should be used sparingly. Number them consecutively throughout the article. Many word processors build footnotes into the text, and this feature may be used. Should this not be the case, indicate the position of footnotes in the text and present the footnotes themselves separately at the end of the article.

Artwork
Electronic artwork
General points
• Make sure you use uniform lettering and sizing of your original artwork.
• Preferred fonts: Arial (or Helvetica), Times New Roman (or Times), Symbol, Courier.
• Number the illustrations according to their sequence in the text.
• Use a logical naming convention for your artwork files.
• Indicate per figure if it is a single, 1.5 or 2-column fitting image.
• For Word submissions only, you may still provide figures and their captions, and tables within a single file at the revision stage.
• Please note that individual figure files larger than 10 MB must be provided in separate source files. A detailed guide on electronic artwork is available.

You are urged to visit this site; some excerpts from the detailed information are given here.
Formats
Regardless of the application used, when your electronic artwork is finalized, please 'save as' or convert the images to one of the following formats (note the resolution requirements for line drawings, halftones, and line/halftone combinations given below):
EPS (or PDF): Vector drawings. Embed the font or save the text as 'graphics'.
TIFF (or JPG): Color or grayscale photographs (halftones): always use a minimum of 300 dpi.
TIFF (or JPG): Bitmapted line drawings: use a minimum of 1000 dpi.
TIFF (or JPG): Combinations bitmapped line/halftone (color or grayscale): a minimum of 500 dpi is required.

Please do not:
• Supply files that are optimized for screen use (e.g., GIF, BMP, PICT, WPG); the resolution is too low.
• Supply files that are too low in resolution.
• Submit graphics that are disproportionately large for the content.

Figure captions
Ensure that each illustration has a caption. A caption should comprise a brief title (not on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used.

Tables
Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article, or on separate page(s) at the end. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Be sparing in the use of tables and ensure that the data presented in them do not duplicate results described elsewhere in the article. Please avoid using vertical rules and shading in table cells.

References
Citation in text
The numerical system of references should be used. References in the text should be cited by numbers in square brackets in the order of their citation.

References are listed together in their order of appearance in a separate section at the end of the text under the heading References. All references should be numbered consecutively. References to journals should contain initials and names of all authors, article title, abbreviation of the name of the journal according to the List of Serial Title World Abbreviations (International Series Data System, 20, rue Bachaumont, 75002 Paris, France. ISBN 2-904938-02-8), year of publication, volume number, and page numbers. References to books should also include the title (of series and volumes), initials and names of the editor(s), the publisher and place of publication.

Examples:
Reference to a journal publication:

Reference to a book:

Reference to a chapter in an edited book or book series:

Reference to a paper as "in press" implies that it has been accepted for publication. Evidence (e.g., a photocopy of the note of acceptance from the journal concerned) should accompany the submitted typescript. Papers that are "in press" should be included as a number in the text. Other papers submitted before or simultaneously with the paper in question should be included as a number in the text and in the References section, stating the name of the journal. Copies of papers that are submitted elsewhere should be provided for inspection by the Editors. Omission of this information will
delay publication and may lead to redating of a submitted manuscript. Papers presented at scientific
meetings that are not available in published form should not be cited as references in the References
section.

Unpublished results should not be listed in the References section. In the text they are mentioned
as follows: "(Tervoort MV and Glimcher J, unpublished data)". When unpublished results are cited,
the data should be provided for the Editors' information when essential for proper evaluation, or if
requested.

A personal communication should be mentioned in the text as follows: "(Tervoort MV, personal
communication)". Authors should not make unauthorized use of personal communications. Personal
communications are not to be included in the Reference section.

Data references
This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them
in your text and including a data reference in your Reference List. Data references should include the
following elements: author name(s), dataset title, data repository, version (where available), year,
and global persistent identifier. Add [dataset] immediately before the reference so we can properly
identify it as a data reference. The [dataset] identifier will not appear in your published article.

Reference management software
Most Elsevier journals have their reference template available in many of the most popular reference
management software products. These include all products that support Citation Style Language
styles, such as Mendeley and Zotero, as well as EndNote. Using the word processor plug-ins from
these products, authors only need to select the appropriate journal template when preparing their
article, after which citations and bibliographies will be automatically formatted in the journal's style.
If no template is yet available for this journal, please follow the format of the sample references and
citations as shown in this Guide.

Users of Mendeley Desktop can easily install the reference style for this journal by clicking the following
link:
http://open.mendeley.com/use-citation-style/eupa-open-proteomics
When preparing your manuscript, you will then be able to select this style using the Mendeley plug-
ins for Microsoft Word or LibreOffice.

Reference formatting
There are no strict requirements on reference formatting at submission. References can be in any style
or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/book
title, chapter title/article title, year of publication, volume number/book chapter and the pagination
must be present. Use of DOI is highly encouraged. The reference style used by the journal will be
applied to the accepted article by Elsevier at the proof stage. Note that missing data will be highlighted
at proof stage for the author to correct. If you do wish to format the references yourself they should
be arranged according to the following examples:

Reference style
Text: Indicate references by number(s) in square brackets in line with the text. The actual authors
can be referred to, but the reference number(s) must always be given.
Example: '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ....'
List: Number the references (numbers in square brackets) in the list in the order in which they appear
in the text.
Examples:
Reference to a journal publication:
Reference to a book:
Reference to a chapter in an edited book:
Reference to a website:
Reference to a dataset:

**Video**
Elsevier accepts video material and animation sequences to support and enhance your scientific research. Authors who have video or animation files that they wish to submit with their article are strongly encouraged to include links to these within the body of the article. This can be done in the same way as a figure or table by referring to the video or animation content and noting in the body text where it should be placed. All submitted files should be properly labeled so that they directly relate to the video file's content. In order to ensure that your video or animation material is directly usable, please provide the files in one of our recommended file formats with a preferred maximum size of 150 MB in total. Any single file should not exceed 50 MB. Video and animation files supplied will be published online in the electronic version of your article in Elsevier Web products, including ScienceDirect. Please supply 'stills' with your files: you can choose any frame from the video or animation or make a separate image. These will be used instead of standard icons and will personalize the link to your video data. For more detailed instructions please visit our video instruction pages.

Note: since video and animation cannot be embedded in the print version of the journal, please provide text for both the electronic and the print version for the portions of the article that refer to this content.

**Supplementary data**
Elsevier accepts electronic supplementary material to support and enhance your scientific research. Supplementary files offer the author additional possibilities to publish supporting applications, high-resolution images, background datasets, sound clips and more. Supplementary files supplied will be published online alongside the electronic version of your article in Elsevier Web products, including ScienceDirect: http://www.sciencedirect.com. In order to ensure that your submitted material is directly usable, please provide the data in one of our recommended file formats. Authors should submit the material in electronic format together with the article and supply a concise and descriptive caption for each file. For more detailed instructions please visit our artwork instruction pages at http://www.elsevier.com/artworkinstructions.

**RESEARCH DATA**
This journal encourages and enables you to share data that supports your research publication where appropriate, and enables you to interlink the data with your published articles. Research data refers to the results of observations or experimentation that validate research findings. To facilitate reproducibility and data reuse, this journal also encourages you to share your software, code, models, algorithms, protocols, methods and other useful materials related to the project.

Below are a number of ways in which you can associate data with your article or make a statement about the availability of your data when submitting your manuscript. If you are sharing data in one of these ways, you are encouraged to cite the data in your manuscript and reference list. Please refer to the "References" section for more information about data citation. For more information on depositing, sharing and using research data and other relevant research materials, visit the research data page.

**Data linking**
If you have made your research data available in a data repository, you can link your article directly to the dataset. Elsevier collaborates with a number of repositories to link articles on ScienceDirect with relevant repositories, giving readers access to underlying data that gives them a better understanding of the research described.

There are different ways to link your datasets to your article. When available, you can directly link your dataset to your article by providing the relevant information in the submission system. For more information, visit the database linking page.

For supported data repositories a repository banner will automatically appear next to your published article on ScienceDirect.

In addition, you can link to relevant data or entities through identifiers within the text of your manuscript, using the following format: Database: xxxx (e.g., TAIR: AT1G01020; CCDC: 734053; PDB: 1XFN).
**Mendeley Data**
This journal supports Mendeley Data, enabling you to deposit any research data (including raw and processed data, video, code, software, algorithms, protocols, and methods) associated with your manuscript in a free-to-use, open access repository. During the submission process, after uploading your manuscript, you will have the opportunity to upload your relevant datasets directly to Mendeley Data. The datasets will be listed and directly accessible to readers next to your published article online.

For more information, visit the Mendeley Data for journals page.

**Data in Brief**
You have the option of converting any or all parts of your supplementary or additional raw data into one or multiple data articles, a new kind of article that houses and describes your data. Data articles ensure that your data is actively reviewed, curated, formatted, indexed, given a DOI and publicly available to all upon publication. You are encouraged to submit your article for Data in Brief as an additional item directly alongside the revised version of your manuscript. If your research article is accepted, your data article will automatically be transferred over to Data in Brief where it will be editorially reviewed and published in the open access data journal, Data in Brief. Please note an open access fee of 250 USD is payable for publication in Data in Brief. This fee applies to articles submitted before 31 December 2017. Full details can be found on the Data in Brief website. Please use this template to write your Data in Brief.

**Data statement**
To foster transparency, we encourage you to state the availability of your data in your submission. This may be a requirement of your funding body or institution. If your data is unavailable to access or unsuitable to post, you will have the opportunity to indicate why during the submission process, for example by stating that the research data is confidential. The statement will appear with your published article on ScienceDirect. For more information, visit the Data Statement page.

**AudioSlides**
The journal encourages authors to create an AudioSlides presentation with their published article. AudioSlides are brief, webinar-style presentations that are shown next to the online article on ScienceDirect. This gives authors the opportunity to summarize their research in their own words and to help readers understand what the paper is about. More information and examples are available. Authors of this journal will automatically receive an invitation e-mail to create an AudioSlides presentation after acceptance of their paper.

**3D molecular models**
You can enrich your online articles by providing 3D molecular models (optional) in PDB, PSE or MOL/MOL2 format, which will be visualized using the interactive viewer embedded within the article. Using the viewer, it will be possible to zoom into the model, rotate and pan the model, and change display settings. Submitted models will also be available for downloading from your online article on ScienceDirect. Each molecular model will have to be uploaded to the online submission system separately, via the '3D molecular models' submission category. More information.

**3D models**
You can enrich your online articles by providing 3D models (optional) in PLY, OBJ or U3D format, which will be visualized using the interactive viewer next to the article. Each 3D model will have to be zipped and uploaded to the online submission system via the '3D models' submission category. Please be advised that the recommended model size before zipping is maximum 150 MB. Multiple models can be submitted. Please provide a short informative description for each model by filling in the 'Description' field when uploading a dataset. Note: all datasets will be available for download from the online article on ScienceDirect. If you have concerns about your data being downloadable, please provide a video instead. More information on OBJ and PLY models or U3D models.

**Interactive plots**
This journal enables you to show an Interactive Plot with your article by simply submitting a data file. Full instructions.

**Interactive Network Viewer**
This journal enables you to enrich your online article by including interactive network diagrams created with the latest version of Cytoscape. Each network should be exported from Cytoscape as a ZIP file containing a pair of network (.cyjs) and visual style (.json) files, which is most easily done using the green "SD" button. The recommended maximum file size of a dataset is 150 MB or less.
Once the article is accepted, your ZIP datasets will appear as supplementary material on ScienceDirect and will be visualized inside the Cytoscape application which is displayed alongside your article. Readers will then be able to interactively explore your networks while reading the article. Please note that you must use the latest available version of Cytoscape. More information.

AFTER ACCEPTANCE

Online proof correction

Corresponding authors will receive an e-mail with a link to our online proofing system, allowing annotation and correction of proofs online. The environment is similar to MS Word: in addition to editing text, you can also comment on figures/tables and answer questions from the Copy Editor. Web-based proofing provides a faster and less error-prone process by allowing you to directly type your corrections, eliminating the potential introduction of errors.

If preferred, you can still choose to annotate and upload your edits on the PDF version. All instructions for proofing will be given in the e-mail we send to authors, including alternative methods to the online version and PDF.

We will do everything possible to get your article published quickly and accurately. Please use this proof only for checking the typesetting, editing, completeness and correctness of the text, tables and figures. Significant changes to the article as accepted for publication will only be considered at this stage with permission from the Editor. It is important to ensure that all corrections are sent back to us in one communication. Please check carefully before replying, as inclusion of any subsequent corrections cannot be guaranteed. Proofreading is solely your responsibility.

Offprints

The corresponding author, at no cost, will be provided with a PDF file of the article via e-mail. The PDF file is a watermarked version of the published article and includes a cover sheet with the journal cover image and a disclaimer outlining the terms and conditions of use.

Offprints

The corresponding author will be notified and receive a link to the published version of the open access article on ScienceDirect. This link is in the form of an article DOI link which can be shared via email and social networks. For an extra charge, paper offprints can be ordered via the offprint order form which is sent once the article is accepted for publication. Both corresponding and co-authors may order offprints at any time via Elsevier's Webshop. Authors requiring printed copies of multiple articles may use Elsevier Webshop's 'Create Your Own Book' service to collate multiple articles within a single cover.

Additional information

Standard abbreviations

Standard abbreviations allowed to be used without explanation or definition.

A absorbance
ACES 2-[(2-amino-2-oxoethyl)amino] ethanesulphonic acid
CAN acetonitrile
A/D analog to digital converter
AEBSF 4-(2-aminoethyl)benzenesulphonyl fluoride
amu atomic mass unit
ANOVA analysis of variance
API atmospheric pressure ionization
AUC area under curve
Bis N,N'-methylenebisacrylamide
bp base pairs
BSA bovine serum albumin
%C cross-linking agent (g/100 mL)/%T
CAPS 3-(cyclohexylamino)-1-propanesulphonic acid
CBB Coomassie Brilliant Blue
CCD charge-coupled device
CD circular dicroism
CE capillary electrophoresis
CEC capillary electrochromatography
CFE continuous flow electrophoresis
CHAPS 3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulphonate
CHCA ?-cyano-4-hydroxycinnamic acid
CHES 2-(N-cyclohexylamino)ethanesulphonic acid
CID collision-induced dissociation
CIEF capillary isoelectric focusing
CMC critical micelle concentration
Con A Concanavalin A
CNS central nervous system
cpm counts per minute
CTAB cetyltrimethylammonium bromide
CV coefficient of variation
CZE capillary zone electrophoresis
1-D one-dimensional
2-D two-dimensional
Da dalton (molecular mass)
2-DE two-dimensional electrophoresis
DIGE fluorescence difference gel electrophoresis
DGGE denaturing gradient gel electrophoresis
DMEM Dulbecco's modified Eagle medium
DMF N,N-dimethylformamide
DMSO dimethyl sulphoxide
DOC sodium deoxycholate
dsDNA double-stranded DNA
DTE dithioerithriol
DTT dithiothreitol
ECL enhanced chemiluminescence
EDTA ethylenediaminetetraacetic acid
EEO electroendosmosis
EGTA ethylene glycol-bis({-aminoethylether}-N,N',N'-tetraacetic acid
EKC electrokinetic chromatography
ELISA enzyme-linked immunosorbent assay
EMSA electrophoretic mobility shift assay
EOF electroosmotic flow
ER endoplasmic reticulum
ESI electrospray ionization
EST expressed sequence tag
EUPA European Proteome Association
FAB fast atom bombardment
FACS fluorescence activated cell sorting
FBS fetal bovine serum
FCS fetal calf serum
FIGE field inversion gel electrophoresis
FITC fluorescein isothiocyanate
FT Fourier transform
FT-ICR Fourier transform-ion cyclotron resonance
GC gas chromatography
GIF graphic interchange format
GRAVY grand average hydrophobicity
GSH glutathione
GST glutathione-S-transferase
HE hematoxylin and eosin
HEPES N-(2-hydroxyethyl)piperazine-2'-(2-ethanesulphonic acid)
HPCE high-performance capillary electrophoresis
HPLC high-performance liquid chromatography
HRP horseradish peroxidase
HSA human serum albumin
HSP heat shock protein
HTML hypertext mark-up language
HUPO Human Proteome Organisation
HVR hypervariable region
ICAT isotop-coded affinity tag
ICR ion cyclotron resonance
id inside diameter
IEF isoelectric focusing
Ig immunoglobulin
IMAC immobilized metal affinity capture
IPG immobilized pH gradient
IT ion trap
iTRAQ isobaric tag for relative and absolute quantitation
kbp kilobase pairs
kDa kilodalton (molecular mass)
LC liquid chromatography
LED light-emitting diode
LOD limit of detection
LOQ limit of quantitation
mAb monoclonal antibody
MALDI-MS matrix-assisted laser-desorption ionization-mass spectrometry
Mbp megabase
MEKC micellar electrokinetic capillary chromatography
MES 2-(N-morpholino)ethanesulphonic acid
MHC major histocompatibility complex
MOPS 3-(N-morpholino)propanesulphonic acid
Mr relative molecular mass (dimensionless)
MS mass spectrometry
MS/MS tandem mass spectrometry

**AUTHOR INQUIRIES**
Visit the Elsevier Support Center to find the answers you need. Here you will find everything from Frequently Asked Questions to ways to get in touch.
You can also check the status of your submitted article or find out when your accepted article will be published.

© Copyright 2014 Elsevier | http://www.elsevier.com