

Instructions to Authors

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1 Aims and Scope

The *European Journal of Lipid Science and Technology* is a peer-reviewed journal publishing original research articles and reviews on lipid related topics in biology, chemistry and biochemistry, medical science, nutrition, (bio)technology, processing and engineering. Topics at the **interface of basic research and applications** are strongly encouraged.

The Journal's focus is on the biomedical field, nutrition, and chemistry. Following is a selection of subject areas which are of special interest to EJLST. The scope is not restricted to these areas.

- Biochemistry of lipids
- Cell biology of lipids
- Clinical studies and pre-clinical research
- Drug delivery and lipid nanoparticles
- Functional foods and nutraceuticals
- Lipases and other lipid modifying enzymes
- Lipidomics
- Lipids in health and disease
- Oleochemistry and synthesis

The Journal is the official organ of the *European Federation for the Science and Technology of Lipids (Euro Fed Lipid)*.

Manuscripts presenting only marginal advancements, preliminary results, or reporting data such as fatty acid composition* with no implications and/or clear conclusions will be rejected without a review and without detailed comments.

*Examples of such reports include

- Fatty acid compositions of oils and other materials
- Basic physico-chemical characterization of oils (FA composition along with iodine number, density, ...)
- Oxidative stability studies without in-depth discussion of the mechanisms
- Antioxidant properties of extracts without a detailed characterization by HPLC or other methodology with comparable readout and/or without a comparison to a common reference compound

- Evaluations of biological activities of natural extracts without a detailed characterization of the extract
- Process and fermentation **optimizations** without significant innovation and/or without detailed insight into the mechanisms

2 General

The *European Journal of Lipid Science and Technology* appears monthly. Manuscripts must be submitted in English taking into account these guidelines. Spelling may be British or American, but should be consistent throughout the manuscript. Papers must be submitted online using our web-based manuscript submission and peer-review system. To submit your manuscript online, please proceed along the following steps:

- Prepare your manuscript and illustrations in the appropriate format, according to the instructions given below. Please also make sure that your paper conforms to the scientific and style instructions of the *European Journal of Lipid Science and Technology* as given herein. You can also find a link to these instructions on the homepage of the journal at <http://www.ejlst.com> under the link "For Authors".
- If you have not already done so, please create an account for yourself in the system at the submission site, <http://mc.manuscriptcentral.com/ejlst> by clicking on the "Create Account" button.
- Please be sure to study the "Instructions and Forms" given on the journal homepage carefully, and then let the system guide you through the submission process. Online help is available to you at all times during the process. You are also able to exit/re-enter at any stage before finally "submitting" your work. All submissions are kept strictly confidential. If you have any questions concerning online submission, do not hesitate to contact editorial support at ejlst@wiley.com. To monitor the progress of your manuscript throughout the review process, just login periodically and check your Author Center. Please note that the status updates are for your information only; the final decision will be communicated in a decision letter sent by email.
- The author vouches that the work has not been published elsewhere, either completely, in part, or in any other form and that the manuscript has not been submitted to another journal; see also section Cover letter. The submitting author (listed under "Correspondence") accepts the responsibility of having included as coauthors all persons appropriate and none inappropriate. The submitting author certifies that all coauthors have seen a draft copy of the manuscript and agree with its publication.
- All instances of publishing misconduct, including, but not limited to, plagiarism, data fabrication, image/data manipulation to falsify/enhance results etc. will result in rejection/retraction of the manuscript.
- Copies of manuscripts to be published or submitted elsewhere must be included, if their content impinges on the results in the present manuscript.
- Each manuscript will initially be evaluated by an editor. Manuscripts having serious flaws, insufficient amount of results, extremely poor syntax, lacking in novelty, or out of scope will be rejected without a review of independent referees. All other manuscripts will be assessed by at least two independent referees. Authors must indicate at least three international experts whose field of research is close to the topic of the paper (give complete addresses, fax and e-mail address). They may also list individuals they wish to be excluded from the review process. The corresponding author will be immediately informed of acceptance, need for revision or rejection.
- The editorial staff reserves the right to edit the manuscript. Major alterations, however, will only be made with the authors' permission.
- Before publication authors will receive page proofs via e-mail in PDF low resolution file format, together with a sheet including instructions and a reprint order form, also as PDF files.

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Certain funders, including the NIH, members of the Research Councils UK (RCUK) and Wellcome Trust require deposit of the Accepted Version in a repository after an embargo period. Details of funding arrangements are set out at the following website: <http://www.wiley.com/go/funderstatement>

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2.2 COPE

This journal endorses the COPE (Committee on Publication Ethics) guidelines and will pursue cases of suspected research and publication misconduct (e.g. falsification, fabrication, plagiarism, inappropriate image manipulation, redundant publication). In such cases, the journal will follow the processes set out in the COPE flowcharts (<http://publicationethics.org/flowcharts>).

3 Cover letter

The manuscript should be accompanied by a letter of transmittal that should state why the paper is suitable for publication in the Journal and include the following 5 statements:

- 1) All authors concur with the submission.
- 2) The work has not been published elsewhere, either completely, in part, or in another form.
- 3) The manuscript has not been submitted to another journal and will not be published elsewhere. Publication in any reasonably retrievable source constitutes prior publication. Meeting abstracts or preprints do not constitute prior publication.

4) The manuscript **does/does not** contain experiments using animals. The permission of the national or local authorities (giving the permission or the accreditation no. of the laboratory and of the investigator) should be stated if animal experiments are included. If no such rules or permissions have been implicated in the particular country, this must be stated.

5) The manuscript **does/does not** contain human studies. If such studies are included, it should be stated that local Ethical Committee approval was received for the studies and that the informed written consent of all participating subjects was obtained.

Permission statements relating to points 4 and 5 should also be included in the text of the manuscript.

4 Article types

In addition to peer-reviewed primary research articles (*Research Article* and *Short Communication*) and reviews (*Review Article*), EJLST publishes article *Commentaries*, *Editorials*, and other editorial material.

4.1 Research Articles

Research articles consist of experimental and theoretical work with new results in the topics given in section 1. Research articles should be as concise as possible, typically up to 8 printed pages including up to 8 figures and tables (about 7500 words including figure and table legends and references); longer manuscripts will be considered if the increased length is justified by the amount of data and information presented. Please include large datasets, supporting chromatograms, etc. in the Supplementary material. Sections and subdivisions of sections should be indicated by numbered headings. The manuscript should be organized as described in section 5.

4.2 Short Communications

Short Communications should contain novel experimental or theoretical results in need of urgent publication; the length should not exceed 4 printed pages including figures and tables (about 4000 words including figure and table legends and references). Please include large datasets, supporting chromatograms, etc. in the Supplementary material. The manuscript should be organized as described in section 5.

4.3 Review Articles

Review Articles are comprehensive critical descriptions of present knowledge of actual research subjects or technological developments. Reviews are frequently submitted by invitation, but unsolicited reviews are also considered. The manuscript should be organized as described in section 5.

4.4 Commentaries

Article *Commentaries* are typically submitted by invitation only. *Commentaries* provide an expert view, discussing the results of the original article in context of existing research, importance, implications, unsolved questions, future directions, etc. *Commentaries* can be up to 4 pages long and may include figures and tables.

4.5 Data Reports

Papers reporting comprehensive compositional data and/or other purely descriptive data valuable for further research or in (industrial) applications may be submitted as *Data Reports*. **Data Reports consist of a brief printed part while the actual datasets are presented online only.** The main text should be approx. 2000 words long with no internal sectioning; in addition to the main text, abstract (including the subsection Practical applications) and references must be included. One or two graphical elements (table or figure) may be included in the main, printed part to present the most important results and conclusions or the summary thereof. **All other data and figures must be uploaded as Supplementary material for online presentation only.** The text should briefly introduce the work and focus on the description of materials including biological replicates, methods **including statistics** followed by a brief summary of results along with the most essential discussion points, comparison to published work etc., and short conclusions. **Do not reiterate the tabular results in sentences.** Most of the results should be presented in the form of tables and figures for online publication only. Please make the tables easy to read and interpret online. Data Reports should be submitted as "Other Contributions".

4.6 Other contributions

Letters, meeting reports and other contributions are also considered for publication.

5 Manuscript organization

5.1 First page (all manuscripts)

The first page of the manuscript must contain:

- Title of the paper. Titles should be concise and informative
- Authors' full names (including first name spelled out) and the name of the institution or company. If the publication originates from authors of different affiliations, they should be clearly stated by using superscript numbers
- A running title not exceeding 60 letters
- Name and full postal address, including phone, fax and e-mail numbers, of the author to whom all correspondence (including galley proofs) should be sent
- Up to 5 key words, which will be used for compiling the subject index
- A list of abbreviations used
- Any details regarding joint first authors, additional addresses, etc. These should be linked to the author's name by asterisks (single, double etc. as appropriate). Please note that funding sources should be included in the Acknowledgements section.

5.2 Manuscript sections - Research Articles

Research articles should be divided into the following sections:

5.2.1 Abstract (summary)

The abstract should be structured to contain the *main body* and *practical applications*:

1. The main body can be up to 200 words long; must be self-explanatory and intelligible without reference to the text, and should concisely describe the scope and objectives of the work, methods, and results. Any citations should be written in full.

2. *Practical applications* – is considered a subsection of the abstract (start on a new line, with the words **Practical applications:** ...). Please describe how the results of your research can be applied. This text should highlight the (potential) uses. Please do not repeat the information given in the body of the abstract. Practical applications should not exceed 150 words.

5.2.2 Introduction

The Introduction should contain a description of the problem under investigation including the objectives and a brief and up-to-date survey of the existing literature on the subject.

5.2.3 Materials and methods

For special materials and equipment, the manufacturer's name and, if possible, location should be provided. The methods including statistical analysis should be written in a manner that enables the reader to follow in detail and reproduce the experiments. It is sufficient to cite the corresponding reference for exact description of a method. An additional short description is advisable if the references are not easily accessible or are given in unfamiliar languages.

Experiments using live vertebrates and/or higher invertebrates must be performed in accordance with relevant guidelines and regulations and with the permission of national or local authorities. Please include a statement identifying the institutional and/or licensing committee approving the experiments, including any relevant details (accreditation number of the laboratory and of the investigator), in the Materials and Methods. If no such rules or permission are stipulated in the particular country, this must also be mentioned in the paper.

Human studies require obtaining appropriate ethical committee approval and informed written consent from the subjects; please include a statement that informed consent was obtained from all subjects and indicate whether the experiments conformed to the principles set out in the WMA Declaration of Helsinki, and include a statement identifying the institutional committee that approved the experiments in the Materials and Methods.

5.2.4 Results

The contents of tables and figures should not be repeated in the text, but should be elucidated if necessary. Experimental data should be evaluated by suitable statistical methods. Asterisks are reserved to indicate statistics in tables and figures. Full statistical analysis should be performed. The name of each test used and its outcome should be detailed, as should the number of samples, replicates and data presentation (SD vs SEM). Charts should have error bars where appropriate.

5.2.5 Discussion

The results should be discussed in relation to present knowledge and the aim of the work. The discussion should not repeat the introduction or results.

5.2.6 Conclusions

A short paragraph summarizing the most important results.

5.2.7 Acknowledgements

Funding for the research presented in the article should be detailed in this section.

5.2.8 Conflict of interest

All financial and commercial conflicts of interest must be disclosed. If there are none, this should be stated.

5.2.9 References

References to the literature or to footnotes in the text are typed in square brackets as superscripts after any punctuation. These are numbered consecutively and listed (with the numbers in square brackets not as superscripts) at the end of the main body of text. They should not contain comprehensive experimental details (which should be included in the Experimental Section instead) or long explanatory text. The names of all authors should be given, starting with the initials of first names followed by the surname ("et al." should not be used). The penultimate and last names should be separated by a comma (not by "and"). Where possible, composite references should be used; the individual parts should be separated by a semicolon and labeled a), b), c), and not (a), (b), (c). Please double check your references to ensure correct (online) linkage.

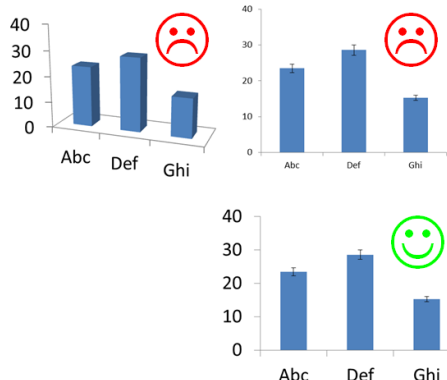
Mode of citation: Only a comma is required between the name of the last author and the title of the journal. Journal titles should be abbreviated in accordance with the "Chemical Abstracts Service Source Index" (CASSI; no commas appear in the journal names) and italicized. The journal title should be followed (no comma) by the year of publication (in boldface), comma, volume number (in italics), comma, first page, period (or a semicolon within a composite reference). Examples:

- **Journals Articles:** [1] a) S. Park, K. Parida, P. S. Lee, *Adv. Energy Mater.* **2017**, *7*, 1701369; b) Y. Zou, M. Zheng, W. Yang, F. Meng, K. Miyata, H. J. Kim, K. Kataoka, Z. Zhong *Adv. Mater.* **2017**, *29*, 1703285; c) A. Jones, B. Smith, *Adv. Mater.*, in press; d) J. S. Heo, J. Eom, Y.-H. Kim, S. K. Park, *Small*, DOI: 10.1002/smll.201703034.
- **Books:** [2] R. J. Farrauto, L. Dorazio, C. H. Bartholomew, *Introduction To Catalysis and Industrial Catalytic Processes*, Wiley, Hoboken, NJ **2016**.
- **Chapter in a multi-authored books:** [3] J. Lienemann, A. Greiner, J.G. Korvink, X. Xiong, Y. Hanein, K.F. Böhringer, in *Sensors Update*, Vol. 13 (Eds: H. Baltes, G. K. Fedder, J. G. Korvink), Wiley-VCH, Weinheim, Germany **2004**, Ch. 1.
- **Proceedings Volumes:** [4] a) C. D'silva, V. Parthasarathy, S. N. Rao, in *Proc. of the 2016 Workshop on Wearable Systems and Applications* (Eds: E. H. Lee, A. L. Copley), ACM, New York **2016**; b) C. D'silva, presented at the *The 14th Annual International Conference on Mobile Systems, Applications, and Services*, New York, NY, June **2016**.
- **Thesis and Patents:** [5] a) Y. Sheima, *Master Thesis*, Universität Freiburg **2017**.; b) H.-S. Seo, D.-C. Kim (Samsung Electronics Co., Ltd.), Ger. 2016122271, 2016.

5.2.10 Tables

Tables should be included at the end of the main manuscript file along with the captions. It is not necessary to submit tables as separate files. Tables should consist of the Arabic number of the table in order of its mention (indicated as, e.g. Table 1), an explanatory headline (following the number of the table), and the table itself. Tables must be cited in the text.

5.2.11 Figures and figure legends



You may include figures directly in the main manuscript file for the convenience of the reviewers. However, for production you may need to upload the figures as separate image files (JPG, PNG, TIF, powerpoint, EPS). TIF files should have the following resolution: Graphs - 800–1200 DPI, Photos - 400– 800 DPI, Color figures (only CMYK) - 300– 400 DPI.

The figures will be printed either scaled to single column width (5-8cm wide) or across both columns (10-16cm). Please keep this in mind and make sure that all characters are legible when the figure is scaled to the (expected) printing size or smaller. **In other words, make sure all fonts used to label the charts are large enough to enable reducing the size of the figure.** Please use color-schemes with colors distinguishable when printed on a black-and-white printer (grayscale) whenever possible, especially when you do not wish to pay the fee for the

reproduction of color figures in print. You can also use pattern fills and different shapes for data points. Avoid using 3D representations of charts depicting only 2D data. Please number the figures with numbers (1, 2, ... 8) and refer to them in the text as follows Fig. 1. Please number supplementary figures as S1, S2, ... and refer to them as Fig. S1.

Manipulation of images is strongly discouraged and all figures must accurately reflect the original data. Information should not be enhanced, eliminated, added, obscured or moved. In cases where image editing is unavoidable, this must be clearly detailed in the figure legend. All instruments, software and processes used to obtain the images must be described in the manuscript.

Cropping of gels, Western blots, TLC plates etc. or repositioning of lanes is permitted provided that all alterations are clearly indicated.

Unacceptable manipulation includes, but is not limited to, the enhancement of one feature/band over other, removal of background noise/bands and so on. Authors must be able to supply all data in their raw format upon editorial request.

Color figures can be reproduced. However, we ask authors to contribute towards the extra costs incurred for the reproduction of color in print; please consult the color charge agreement form for details (www.ejlst.com >> For contributors >> Author Guidelines)

All legends should be typed successively on a separate sheet. Legends should be self-explanatory and consist of figure number, headline and experimental. Each figure must be cited in the text. Double presentation of data in both figures and tables must be avoided.

5.2.12 Graphical abstract

Graphical abstract (GA) will be published online in the table of contents. It can be an existing figure from the paper which best summarizes the results or represents the most important result, or a new image describing the work - for example a scheme graphically presenting the question, method and outcome. The GA should be preferably in color, and ideally should still be legible when printed to the size of a credit card. To upload a GA, you will need 2 files: One with the text (legend) to accompany the GA, and the GA image file itself.

5.2.13 Supporting information

Supporting information is permitted and will be published online.

Supporting Information can be a useful way for an author to include important but ancillary information with the online version of an article. Examples of Supporting Information include additional tables, data sets, figures, movie files, audio clips, 3D structures, and other related nonessential multimedia files. Supporting Information should be cited within the article text, and a descriptive legend should be included. It is published as supplied by the author, and a proof is not made available prior to publication; for these reasons, authors should provide any Supporting Information in the desired final format. For further information on recommended file types and requirements for submission, please visit:

<http://authorservices.wiley.com/bauthor/suppinfo.asp>

5.3 Manuscript sections - Short Communications

Short communications should be divided into sections similarly to Research Articles (see above). It may be more practical to present Results and Discussion in one section. Please also upload a graphical abstract.

5.4 Manuscript sections – Reviews

Reviews should be divided into abstract, main text, conclusions, acknowledgements, conflict of interest statement, references, and figure legends and tables (for details regarding figures and tables, see above). The main text should be subdivided into focused sections. Please also include a graphical abstract, if possible.

6 Manuscript preparation

Please prepare the manuscript using a text editor and save the file as .doc, .docx, or .rtf. You may embed the tables and figures directly in the manuscript; you may be asked to upload the figures as separate files if the manuscript is accepted (you may of course upload the figures separately already when submitting the manuscript).

6.1 Language

The paper has to be written in correct and concise English. We strongly recommend that you have your manuscript edited by a native English speaking colleague or a person with good English skills, or by a professional editing service

(http://authorservices.wiley.com/bauthor/english_language.asp).

6.2 Nomenclature, symbols, units

Use only SI quantities and units (SI = Système International d'Units). All nomenclature should follow established rules wherever these are available. For lipids we recommend the use of the classification, nomenclature, and structural representation used by the LIPID MAPS Initiative (see Eur J Lipid Sci Technol. 2005, 107, 337–364). You can download lipid structures directly from the LIPID MAPS Structure Database (<http://www.lipidmaps.org>). This database draws structures de novo, allowing you to insert them into your documents.

6.3 Mathematical equations and formulae

These should be drawn or written in the manuscript at the appropriate places where they belong.

7 Manuscript submission

Manuscripts must be submitted using the electronic submission system (<http://mc.manuscriptcentral.com/ejlst>). We cannot accept submissions by email, post, CD-ROM or any other media.

7.1 Revised manuscripts

A text file in which all alterations are clearly marked (color font or highlighting, or using the reviewing mode in the text editor) should be submitted along with a clean version. The manuscript should be accompanied by a point by point letter summarizing how the authors have dealt with each of the reviewers' remarks.

8 Standard abbreviations

The abbreviations listed below do not need to be defined in the "Abbreviations" section; however if they are used without sufficient context it is advisable to spell the word out on the first occurrence, followed by the abbreviation in the brackets. Only singular forms should be used (i.e. do not use FAs to abbreviate fatty acids, use FA).

ANOVA - analysis of variance, Da - dalton (molecular mass), DNA – deoxyribonucleic acid, EDTA - ethylene diamine tetraacetate, ELISA - enzyme-linked immunosorbent assay, FA – fatty acid, GC - gas chromatography, GC-MS - gas chromatography-mass spectroscopy, HPLC -high performance liquid chromatography, IR – infrared, MS - mass spectrometry, NMR - nuclear magnetic resonance, PCR – polymerase chain reaction, RNA – ribonucleic acid, SD - standard deviation, SEM - standard error of the mean, TOF - time of flight