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## **ABOUT THE JOURNAL**

#### Aims and Scope

Cell Death & Differentiation is published on behalf of CDDpress by Springer Nature.

Cell Death & Differentiation is a journal devoted to the cell biology, molecular biology and biochemistry of cell death, survival, stemness and differentiation, both in normal tissue regulation and in disease. To this end, Cell Death & Differentiation provides a unified forum for scientists as well as clinicians. It is committed to the rapid publication of high-quality original papers that relate to these subjects, together with topical, usually solicited, reviews and meeting reports. Cell Death & Differentiation is fully committed to ensuring the accuracy of the scientific record (see Editorial Policies)

#### **Journal Details**

#### Co-Editors-in-Chief:

Gerry Melino, University of Rome, Italy Tak W Mak, Princess Margaret Cancer Centre, Toronto, Canada

### **Editorial office:**

Cell Death & Differentiation Editorial Office, Springer Nature

E-mail: cddiff@springernature.com

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Frequency: 12 issues a year

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# ARTICLE TYPE SPECIFICATIONS

See 'Preparation of Articles' below for further details

ARTICLE DESCRIPTION	ABSTRACT	WORD LIMIT	TABLES/ FIGURES	REFERENCES
Article Full papers should be as comprehensive as possible, and are typically 5-10 published pages in length	Unstructured, max 300 words	3,500 words max excluding abstract, materials & methods, references, figures and tables.	6-8	Max of 80
Review Article Reviews should be as comprehensive as possible, and are typically 5-10 published pages in length.	Unstructured, max 300 words	5,000 words max excluding abstract, references, figures and tables.	A minimum of 4	Max of 150
Perspective Perspectives are shorter than reviews and provide an opinion-driven perspective on a particular research topic or field of interest to the CDD readership. Authors should present a (provocative) view that can be supported by data and literature with the goal of sparking debate and stimulating future research avenues.	Unstructured, max 300 words.	2,500 words max excluding references, tables and figures.	Max of 2	Max of 100
Editorial	No abstract	1,200 words max excluding references, figures and tables.	Max of 1	Max of 15
Comment	No abstract	1,200 words max excluding references and figures	Max of 1 figure. No tables	Max of 15
Meeting Report	No abstract	1,200 words excluding references, figures and tables.	Max of 1	0

#### PREPARATION OF ARTICLES

Please refer to the 'Submission Checklist' on page 16 for a checklist of what to include at each stage of submission.

House Style: Authors should adhere to the following formatting guidelines

- Text should be double spaced with a wide margin.
- All pages and lines are to be numbered.
- Do not make rules thinner than 1pt (0.36mm).
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- Abbreviations: On first using an abbreviation place it in parentheses after the full item. Very common abbreviations such as FFA, RNA, need not be defined. Note these abbreviations: gram g; litre l; milligram mg; kilogram kg; kilojoule kJ; megajoule MJ; weight wt; seconds s; minutes min; hours h. Do not add 's' for plural units. Terms used less than four times should not be abbreviated.

Please note that articles must contain the following components. Please see below for further details.

#### Original Article

- Cover letter
- Title page (excluding acknowledgements)
- Abstract
- Introduction
- Results
- Discussion
- Materials (or Subjects) and methods
- References
- Acknowledgements
- Conflict of Interest Statement
- Author Contribution Statement
- Ethics Statement
- Funding Statement
- Data Availability Statement
- Figure legends
- Tables
- Figures
- Original western blots (if appropriate)

#### **Review Article**

- Cover letter
- Title Page (excluding acknowledgements)
- Abstract
- Bullet Points
- Main Text
- References
- Acknowledgements
- Conflict of Interest Statement
- Author Contribution Statement
- Funding Statement
- Ethics Statement (if necessary)
- Data Availability Statement
- Figure legends
- Tables

#### **Supporting Documents**

#### **Cover Letter**

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The <u>Author Contribution Form</u> must be completed upon submission and uploaded as a Related Manuscript File along with the rest of the files. The corresponding author must sign the form on behalf of all authors.

This section will contain two independent pieces of information.

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- The author contributions to each figure should be detailed. For example, In Figure 1, JS generated the data and prepared panel A, NS generated the immune-histochemistry data and labelled the image, JS assembled the figure.

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Cell Death & Differentiation requires authors of original research papers that are sent for external review to include in their manuscripts relevant details about several elements of experimental and analytical design. This initiative aims to improve the transparency of reporting and the reproducibility of published results, focusing on elements of methodological information that are frequently poorly reported. Authors being asked to resubmit a manuscript will be asked to confirm that these elements are included by filling out a checklist that will be made available to the editor and reviewers.

## Manuscript

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**Bullet Points (Reviews only).** Reviews should include a list of "FACTS" (a list of 3 to 5 bullet points highlighting the major queries, debatable facts, that should/could become a major subject of research in the near future) and a list of "OPEN QUESTIONS". These should be placed after the Abstract, before the Introduction. See for example a *CDD* review in the September 2011 issue (Carbone et al. Consensus report of the 8 and 9th Weinman Symposia on Gene x Environment Interaction in carcinogenesis: novel opportunities for precision medicine. Cell Death Differ. 2018 Sep; 25:1885-1904. doi: 10.1038/s41418-018-0213-5).

Introduction. The Introduction should assume that the reader is knowledgeable in the field and should therefore be as brief as possible but can include a short historical review where desirable.

Results. The Results section should briefly present the experimental data in text, tables or figures. Tables and figures should not be described extensively in the text.

**Discussion.** The Discussion should focus on the interpretation and the significance of the findings with concise objective comments that describe their relation to other work in the area. It should not repeat information in the results. The final paragraph should highlight the main conclusion(s), and provide some indication of the direction future research should take.

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All authors should be listed for papers with up to six authors; for papers with more than six authors, the first six only should be listed, followed by et al. Abbreviations for titles of medical periodicals should conform to those used in the latest edition of Index Medicus. The first and last page numbers for each reference should be provided. Abstracts and letters must be identified as such. Papers in press may be included in the list of references.

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Examples:

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#### Complete book:

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#### Chapter in book:

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#### Abstract:

Syrjala KL, Abrams JR, Storer B, Heiman JR. Prospective risk factors for five-year sexuality late effects in men and women after haematopoietic cell transplantation. Abstracts of the 32nd Annual Meeting of the European Group for Blood and Marrow Transplantation. *Bone Marrow Transplant* 37, O107 (2006)

#### Website

Kassambara A. rstatix: pipe-friendly framework for basic statistical tests. 2020. https://rpkgs.datanovia.com/rstatix/.

#### Preprint

Babichev SA, Ries J & Lvovsky AI. Quantum scissors: teleportation of single-mode optical states by means of a nonlocal single photon. Preprint at http://arXiv.org/quant-ph/0208066 (2002).

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- The name of the ethics committee that approved the study and the committee's reference number if appropriate
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- An Editor is assigned to the manuscript and decides whether to send the manuscript out to review. If the decision is not to send the manuscript for review, the Editor contacts the author with the decision.
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Dr Caron's work has been funded by the NIH. He has received compensation as a member of the scientific advisory board of Acadia Pharmaceutical and owns stock in the company. He also has consulted for Lundbeck and received compensation. Dr Rothman and Dr Jensen declare no potential conflict of interest.

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Any changes to the author list after submission, such as a change in the order of the authors or the deletion or addition of authors, must be approved by all authors and a Change of Authorship form is required. Journal editors are not in a position to investigate or adjudicate authorship disputes before or after publication.

## **FURTHER INFORMATION**

For inquiries related to submission requirements, please contact the <u>editorial office</u>. For inquiries related to advertising, subscriptions, permissions, papers in production or publishing a supplement, please contact the <u>publisher's office</u>.

# **SUBMISSION CHECKLIST**

Refer to section on 'Preparation of Manuscripts' (page 3) for further details

INITIAL SUBMISSION	REVISION	ACCEPTED IN PRINCIPLE	

Cover letter	Rebuttal letter	
- Declaration not submitted elsewhere	- Point-by-point response to the	
	reviewers - If you disagree with the	
<ul> <li>Concise description of major findings</li> </ul>		
	reviewers, please provide evidence	
Article file	'Marked up' article file	'Clean' Article file
- Uploaded as a Word file	- Uploaded as a Word file	- Uploaded as a Word file
- Title page	- Title page	- Title page
- Abstract (unstructured)	- Abstract (unstructured)	- Abstract (unstructured)
- Main text	- Main text	- Main text
- References	- References	- References (correctly formatted)
References	References	References (correctly formatted)
Please also include:	Please also include:	Please also include:
- Conflict of Interest statement	- Conflict of Interest statement	- Conflict of Interest statement
- Ethics statement	- Ethics statement	- Ethics statement
zemso statement		- Author Contribution statement
		- Funding statement
		- Acknowledgements
	'Clean' article file	- Original western blots
	- As above but 'clean'	ongman western slots
	- Uploaded as 'Related Manuscript File'	
Figure legends	Figure legends	Figure legends
- Included in main article file	- Included in main article file	- Included in main article file
- Where appropriate, declare N	- Where appropriate, declare N	<ul> <li>Where appropriate, declare N</li> </ul>
- Define error bars	- Define error bars	- Define error bars
- Define scale bars	- Define scale bars	- Define scale bars
Figures	Figures	Figures
<ul> <li>Uploaded as individual TIFF or PNG files</li> </ul>	<ul> <li>Uploaded as individual TIFF or PNG files</li> </ul>	- Uploaded as individual TIFF or PNG files
- Where appropriate, include molecular	- Where appropriate, include molecular	- Where appropriate, include molecular
weight markers	weight markers	weight markers
- Where appropriate, include scale bars	- Where appropriate, include scale bars	- Where appropriate, include scale bars
		, , , , , , , , , , , , , , , , , , , ,
Tables	Tables	Tables
- Uploaded in an editable format	- Uploaded in an editable format	- Uploaded in an editable format
Supplementary files	Supplementary files	Supplementary files
- Uploaded as 'Supplemental Material'	- Uploaded as 'Supplemental Material'	- Uploaded as 'Supplemental Material'
- Do not include in merged article file	- Do not include in merged article file	- Do not include in merged article file
bo not include in merged article me	bo not include in merged article me	bo not include in merged article me
	Detailed Author Contribution form	Detailed Author Contribution form
	<ul> <li>Uploaded as 'Related Manuscript</li> </ul>	<ul> <li>Uploaded as 'Related Manuscript File'</li> </ul>
	File' - Contribution to preparation	- Contribution to preparation
	of manuscript	of manuscript
	<ul> <li>Detailed preparation of figures</li> </ul>	<ul> <li>Detailed preparation of figures</li> </ul>
 	Reproducibility Checklist	Reproducibility Checklist
	- Uploaded as 'Related Manuscript File'	<ul> <li>Uploaded as 'Related Manuscript File'</li> </ul>
	Original western blots	Original western blots
Original western blots		
Original western blots - Uploaded as 'Supplemental Material'	- Uploaded as 'Supplemental Material'	- Uploaded as 'Supplemental Material'

# Do's & Don'ts

# 1. Images

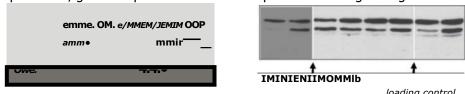
1. DO NOT use excessive contrast, removing the background or part of the image

memo emem. fem.. men.

2. DO NOT adjust the <u>brightness or contrast</u> only in specific areas of the image. If necessary, apply the same appropriate adjustments to the ENTIRE image.



3. INDICATE <u>splicing of lanes</u> and PROVIDE the <u>full scan as supplementary data.</u> Images from different experiments, gels or exposures CANNOT be spliced into a single image.



4. DO NOT overcrcm gels. Mark unknown or cross reactive bands with an asterisk.



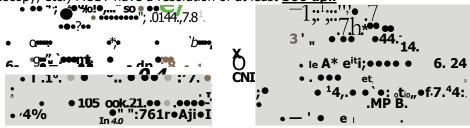
5. DO NOT remove any part of the image, including spots and background.



6. Always INCLUDE original molecular we ght markers.



7. **All** microscopy **MUST** INCLUDE an appropriate <u>scale bar.</u> All digital images (gels, microscopy, etc.) MUST have a resolution of at least <u>300 dpi.</u>



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...where the impact is a FACT, not a factor 1!!

# Do's & Don'ts

# 2. Graphs

Show independent data points, rather than using bar graphs. Show means of replicates as a single point, not each replicate. Don't show error bars or p-values when N<10. fl error bars are shown, describe them in the legend . Start axes from zero (except for log axes). Use different symbols for sets of independent biological repeated experiments. Include spread-sheet data in supplementary materials.

