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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:

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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

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- At first mention of a manufacturer, the town (and state if USA) and country should be provided.
- Statistical methods: For normally distributed data, mean (SD) is the preferred summary statistic. Relative risks should be expressed as odds ratios with 95% confidence interval. To compare two methods for measuring a variable the method of Bland & Altman (1986, Lancet 1, 307–310) should be used; for this, calculation of P only is not appropriate.
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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

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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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Manuscript

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The title page should contain:

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Examples:

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Nguyen D, Soygur B, Peng S, Malki S, Hu G & Laird DJ. Apoptosis in the fetal testis eliminates developmentally defective germ cell clones. *Nat Cell Biol* 22, 1423-1435 (2020)

Journal article, e-pub ahead of print:

Basar, MA, Beck DB & Werner A. Deubiquitylases in developmental ubiquitin signaling and congenital diseases. *Cell Death Differ* (2020). https://doi.org/10.1038/s41418-020-00697-5

Complete book:

Atkinson K, Champlin R, Ritz J, Fibbe W, Ljungman P, Brenner MK (eds). Clinical Bone Marrow and Blood Stem Cell Transplantation. 3rd edn. (Cambridge University Press, Cambridge, 2004).

Chapter in book:

Coccia PF. Hematopoietic cell transplantation for osteopetrosis. In: Blume KG, Forman SJ, Appelbaum FR (eds). Thomas' Hematopoietic Cell Transplantation. 3rd edn. (Blackwell Publishing Ltd, Malden, 2004) 1443–1454.

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 Al. 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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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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Figure legends	Figure legends	Figure legends
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 Uploaded as individual TIFF or PNG files Where appropriate, include molecular weight markers Where appropriate, include scale bars 	- Uploaded as individual TIFF or PNG files - Where appropriate, include molecular weight markers - Where appropriate, include scalebars	 Uploaded as individual TIFF or PNG files Where appropriate, include molecular weight markers Where appropriate, include scalebars
Tables - Uploaded in an editable format	Tables - Uploaded in an editable format	Tables - Uploaded in an editable format
Supplementary files - Uploaded as 'Supplemental Material' - Do not include in merged article file	Supplementary files - Uploaded as 'Supplemental Material' - Do not include in merged article file	Supplementary files - Uploaded as 'Supplemental Material' - Do not include in merged article file
	Detailed Author Contribution form - Uploaded as 'Related Manuscript File' - Contribution to preparation of manuscript - Detailed preparation of figures	Detailed Author Contribution form - Uploaded as 'Related Manuscript File' - Contribution to preparation of manuscript - Detailed preparation of figures
	Reproducibility Checklist - Uploaded as 'Related Manuscript File'	Reproducibility Checklist - Uploaded as 'Related Manuscript File'
Original western blots - Uploaded as 'Supplemental Material'	Original western blots - Uploaded as 'Supplemental Material'	Original western blots - Uploaded as 'Supplemental Material'

Do's & Don'ts

1. Images

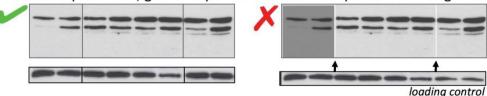
1. DO NOT use excessive contrast, removing the background or part of the image



2. DO NOT adjust the **brightness or contrast** 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.



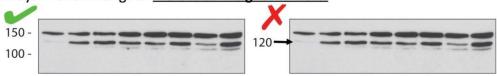
4. DO NOT overcrop gels. Mark unknown or cross reactive bands with an asterisk.



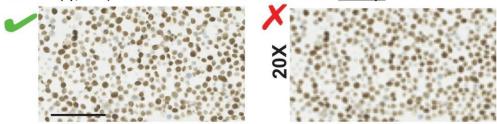
5. DO NOT remove any part of the image, including spots and background.



6. Always INCLUDE original molecular weight 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>.







Cell Death & Disease Cell Death Discovery

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

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. f error bars are shown, describe them in the legend. Start axes from zero (except for log axes). Use different symbot for sets of independent biological repeated experiments. Include spread-sheet data in supplementary materials.

