



**BioscienceHorizons**  
**Formatting guide**

Published: June 2020

For submission to Bioscience Horizons, authors are asked to choose one of our submission types. All submissions to Bioscience Horizons undergo a double-blind peer-review process. Submission to Bioscience Horizons is free of charge.

## Submission type:

### **Research Article** (page 2)

Research Article pieces contain novel research findings or critical appraisal of substantial scientific interest. Main results and conclusions of the research must not have been submitted or published elsewhere.

### **Review** (page 7)

Review pieces provide an overview of a specific bioscience problem and should present a critical analysis of the literature on the topic.

### **Perspective piece** (page 12)

Perspective piece is a short, more theoretical type of publication where the author describes scientific ideas with a more personal approach, encouraging a conversation among students.

---

# Research Article Formatting

This section contains all information needed to format your article submission.

To start, download our submission template at:

[biosciencehorizons.com/submissions](https://biosciencehorizons.com/submissions)

Research Article must contain the following sections (in this order):

- Title
- Author & supervisor information
- Keywords
- Abstract
- Main Body
  - Introduction
  - Methods and Materials
  - Results
  - Discussion and conclusion
- Figures and Figure legends
- References

Pages:

The first page of the Bioscience Horizons submission should include:

- Title
- Author & Supervisor information

The second page of the Bioscience Horizons submission should include:

- Keywords
- Abstract

The main body of the Bioscience Horizons submission should start on the third page, and each following section (Figures and Figure legends, References) should begin on a new page.

---

## Title

Title of the Article summarising its contents. A title should be catchy to spark the reader's interest.

Title can contain the **maximum of 130 characters (including spaces)** and should be written using the **Arial font of 20pt size with 2.0 spacing**.

## Author & supervisor information

This section contains names of all authors and supervisors behind the submission, institutions where the study was performed, and contact e-mail address for the corresponding author (preferentially an institutional address).

Information regarding the affiliated institutions should contain the name and full address of each institution. Authors are asked to indicate which institution(s) is each author and supervisor affiliated with using numbering and subscripts following each name. The corresponding author should be indicated with the "\*" symbol following their name.

This information should be written using the **Arial font of 14pt size with 2.0 spacing**.

### Example:

Authors – John Smith<sup>1\*</sup>, Amy Warn<sup>1</sup>, and Toby Jack<sup>1,2</sup>

Supervisors – Prof Tom Smid<sup>1,2</sup> and Dr Maria Franklin<sup>2</sup>

Institutions – 1. University College London, Gower St, Bloomsbury, London WC1E6BT, United Kingdom

2. Francis Crick Institute, 1 Midland Rd, London NW11AT, United Kingdom

Contact email – example@ucl.ac.uk

**From this section onwards, all lines should be numbered.**

## Keywords

Authors are asked to choose **up to 6 keywords (minimum of 3)** that capture the main ideas of the manuscript.

Keywords should be written using the **Arial font of 11pt size with 2.0 spacing**.

---

## Abstract

An abstract is one of the most essential sections of a publication. It is often the section where readers determine whether they are going to read the publication or not. Therefore, authors are asked to put substantial effort into drafting a high-quality abstract.

Abstract for Bioscience Horizons manuscript should be **no longer than 1200 characters (including spaces)**.

Abstract should be written using the **Arial font of 11 pt size with 2.0 spacing**. Text of the abstract should be justified.

## Main Body

Main body of an Article should be **no longer than 3000 words** and should be written using the **Arial font of 11 pt size with 2.0 spacing**. Text should be justified. Each paragraph (including headings) should be separated with an empty line.

Authors can use up to 3 levels of headings to separate different sections of their manuscript. Headings should be formatted as follows:

- Headings (Introduction, Results ...): Arial, size 14pt, bold, 2.0 spacing
- Subheadings: Arial, size 12pt, bold and underlined, 2.0 spacing
- Subsubheadings: Arial, size 12pt, underlined, 2.0 spacing

## Introduction

The introduction presents the problem to be analysed by the author. It should present a critical discussion of the literature on the topic, present the author's hypothesis and shortly summarise the methods used to conduct the research.

## Methods and Materials

The methods and materials section should contain a detailed description of the components required to replicate the research. It should be divided into paragraphs, each preceded by a bold heading.

## Results

The result section should include the results of the experiments carried out, without interpreting them or coming to any conclusion. Interpretation and conclusion of the results is presented respectively in the Discussion and Conclusion sections.

## Discussion and conclusion

Discussion should reinclude the problem to be addressed by the study and interpret the results of the experiments in light of this problem. The author should make sense of every experimental mistake, discuss the impact of its research in the field and the possibility of carrying out more experiments.

---

## Figures and Figure Legends

Figures and tables should be original (authors must have the appropriate rights to use any figures and tables), correctly labelled and must contain a figure legend. Abbreviations and symbols should be explained in the figure legend (even if they were used previously in the text).

Figures and tables should **not exceed the size of 186mm x 261mm** and be of a **high quality** (recommended 300 dpi).

Figures and tables should be listed in order of appearance in the text (all figures and tables must be referenced within the main text).

Legends should be included below figures and tables, **not exceed 300 words**, and be written using the **Arial font of 11pt size with 2.0 spacing**.

Figure legends should follow this format:

Figure Tag: Figure name. Figure legend  
BOLD                      ITALICS & BOLD                      REGULAR

### Example:



Figure 1: *Logo of Bioscience Horizons*. This is the logo of Bioscience Horizons.

## References

References should be mainly for primary research articles and follow the **Harvard style of referencing and include DOI where possible**.

Where a publication has more than 3 authors, first 3 should be included in the reference list and followed by *et. al.* In the case of in-text references, if a publication has 2 authors, both should be mentioned, separated with "&"; if it has 3 or more authors, only the leading author should be mentioned, followed by *et. al.*

### Layout:

Journal article:

(Author's surname(s), Year of publication)

Author's surname(s), Author's initial(s), Year of publication, **Title of the publication in bold**, *Journal Title in Italics*, vol. ## (volume number), no. # (issue number), doi: (doi).

Book:

(Author's surname(s), Year of publication)

Author's surname(s), Author's initial(s), Year of publication, **Title of the publication in bold**, edition: ## (edition number), *Publisher in Italics*, ISBN: ## (ISBN number).

---

## Examples:

(Pan, 2018)

Pan, M., 2018, **Hibernation induction in non-hibernating species**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy002.

(Moraes & Gaudet, 2018)

Moraes, M. U., Gaudet, T. J., 2018, **Immunotherapeutic and pharmacological approaches for the treatment of Alzheimer's disease**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy001.

(Muriithi *et. al.*, 2018)

Muriithi, E., Kinyua J., Nyanjom, S. G., 2018, **In silico prediction of protein–protein interaction between *Glossina m. morsitans* (Westwood, 1851) and *Trypanosoma brucei* (Kinetoplastida: Trypanosomatidae)**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy005.

(Lodish *et. al.*, 2018)

Lodish, H., Berk, A., Kaiser, C. A. et al., 2018, **Molecular Cell Biology**, edition: 8<sup>th</sup>, *W. H. Freeman*, ISBN: 1464183392.

---

# Review Formatting

This section contains all information needed to format your review submission.

To start, download our submission template at:

[biosciencehorizons.com/submissions](https://biosciencehorizons.com/submissions)

Review must contain the following sections (in this order):

- Title
- Author & supervisor information
- Keywords
- Abstract
- Main Body
  - Introduction
  - Review Body
  - Conclusion
- Figures and Figure legends
- References

Pages:

The first page of the Bioscience Horizons submission should include:

- Title
- Author & Supervisor information

The second page of the Bioscience Horizons submission should include:

- Keywords
- Abstract

The main body of the Bioscience Horizons submission should start on the third page, and each following section (Figures and Figure legends, References) should start on a new page.



---

## Title

Title of the Review summarising its contents. A title should be catchy to spark the reader's interest.

Title can contain the **maximum of 130 characters (including spaces)** and should be written using the **Arial font of 20pt size with 2.0 spacing**.

## Author & supervisor information

This section contains names of all authors and supervisors behind the submission, institutions where the study was performed, and contact e-mail address for the corresponding author (preferentially an institutional address).

Information regarding the affiliated institutions should contain the name and full address of each institution. Authors are asked to indicate which institution(s) is each author and supervisor affiliated with using numbering and subscripts following each name. The corresponding author should be indicated with the "\*" symbol following their name.

This information should be written using the **Arial font of 14pt size with 2.0 spacing**.

### Example:

Authors – John Smith<sup>1\*</sup>, Amy Warn<sup>1</sup>, and Toby Jack<sup>1,2</sup>

Supervisors – Prof Tom Smid<sup>1,2</sup> and Dr Maria Franklin<sup>2</sup>

Institutions – 1. University College London, Gower St, Bloomsbury, London WC1E6BT, United Kingdom

2. Francis Crick Institute, 1 Midland Rd, London NW11AT, United Kingdom

Contact email – example@ucl.ac.uk

**From this section onwards, all lines should be numbered.**

## Keywords

Authors are asked to choose **up to 6 keywords (minimum of 3)** that capture the main ideas of the manuscript.

Keywords should be written using the **Arial font of 11pt size with 2.0 spacing**.

---

## Abstract

An abstract is one of the most essential sections of a publication. It is often the section where readers determine whether they are going to read the publication or not. Therefore, authors are asked to put substantial effort into drafting a high-quality abstract.

Abstract for Bioscience Horizons manuscript should be **no longer than 1200 characters (including spaces)**.

Abstract should be written using the **Arial font of 11 pt size with 2.0 spacing**. Text of the abstract should be justified.

## Main Body

Main body of an Article should be **no longer than 5000 words** and should be written using the **Arial font of 11 pt size with 2.0 spacing**. Text should be justified. Each paragraph (including headings) should be separated with an empty line.

Authors can use up to 3 levels of headings to separate different sections of their manuscript. Headings should be formatted as follows:

- Headings (Introduction, Results ...): Arial, size 14pt, bold, 2.0 spacing
- Subheadings: Arial, size 12pt, bold and underlined, 2.0 spacing
- Subsubheadings: Arial, size 12pt, underlined, 2.0 spacing

## Introduction

The introduction presents the problem to be analysed by the author in a clear and beginner-friendly way. It should provide the reader with the necessary context for the following sections.

## Review Body

Review body should present a critical discussion of the literature on the topic, present the author's hypothesis. A successful review should address any potential controversies in the field. Authors should use experimental evidence and primary literature to support their claims.

## Conclusion

Conclusion should restate the problem to be addressed by the review. The author should summarise their findings, discuss the current state of the field, its limitations and possible directions for future research.

---

## Figures and Figure Legends

Figures and tables should be original (authors must have the appropriate rights to use any figures and tables), correctly labelled and must contain a figure legend. Abbreviations and symbols should be explained in the figure legend (even if they were used previously in the text).

Figures and tables should **not exceed the size of 186mm x 261mm** and be of a **high quality** (recommended 300 dpi).

Figures and tables should be listed in order of appearance in the text (all figures and tables must be referenced within the main text).

Legends should be included below figures and tables, **not exceed 300 words**, and be written using the **Arial font of 11pt size with 2.0 spacing**.

Figure legends should follow this format:

Figure Tag: Figure name. Figure legend  
BOLD                      ITALICS & BOLD                      REGULAR

### Example:



Figure 1: *Logo of Bioscience Horizons*. This is the logo of Bioscience Horizons.

## References

References should be mainly for primary research articles and follow the **Harvard style of referencing and include DOI where possible**.

Where a publication has more than 3 authors, first 3 should be included in the reference list and followed by *et. al.* In the case of in-text references, if a publication has 2 authors, both should be mentioned, separated with "&"; if it has 3 or more authors, only the leading author should be mentioned, followed by *et. al.*

### Layout:

Journal article:

(Author's surname(s), Year of publication)

Author's surname(s), Author's initial(s), Year of publication, **Title of the publication in bold**, *Journal Title in Italics*, vol. ## (volume number), no. # (issue number), doi: (doi).

Book:

(Author's surname(s), Year of publication)

Author's surname(s), Author's initial(s), Year of publication, **Title of the publication in bold**, edition: ## (edition number), *Publisher in Italics*, ISBN: ## (ISBN number).

---

## Examples:

(Pan, 2018)

Pan, M., 2018, **Hibernation induction in non-hibernating species**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy002.

(Moraes & Gaudet, 2018)

Moraes, M. U., Gaudet, T. J., 2018, **Immunotherapeutic and pharmacological approaches for the treatment of Alzheimer's disease**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy001.

(Muriithi *et. al.*, 2018)

Muriithi, E., Kinyua J., Nyanjom, S. G., 2018, **In silico prediction of protein–protein interaction between *Glossina m. morsitans* (Westwood, 1851) and *Trypanosoma brucei* (Kinetoplastida: Trypanosomatidae)**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy005.

(Lodish *et. al.*, 2018)

Lodish, H., Berk, A., Kaiser, C. A. et al., 2018, **Molecular Cell Biology**, edition: 8<sup>th</sup>, *W. H. Freeman*, ISBN: 1464183392.

---

# Perspective Piece Formatting

This section contains all information needed to format your perspective piece submission.

To start, download our submission template at:

[biosciencehorizons.com/submissions](https://biosciencehorizons.com/submissions)

Perspective Piece must contain the following sections (in this order):

- Title
- Author & supervisor information
- Keywords
- Abstract
- Main Body
  - Introduction
  - Piece Body
  - Conclusion
- Figures and Figure legends
- References

Pages:

The first page of the Bioscience Horizons submission should include:

- Title
- Author & Supervisor information

The second page of the Bioscience Horizons submission should include:

- Keywords
- Abstract

The main body of the Bioscience Horizons submission should start on the third page, and each following section (Figures and Figure legends, References) should start on a new page.

---

## Title

Title of the Review summarising its contents. A title should be catchy to spark the reader's interest.

Title can contain the **maximum of 130 characters (including spaces)** and should be written using the **Arial font of 20pt size with 2.0 spacing**.

## Author & supervisor information

This section contains names of all authors and supervisors behind the submission, institutions where the study was performed, and contact e-mail address for the corresponding author (preferentially an institutional address). Information regarding the affiliated institutions should contain the name and full address of each institution. Authors are asked to indicate which institution(s) is each author and supervisor affiliated with using numbering and subscripts following each name. The corresponding author should be indicated with the "\*" symbol following their name.

This information should be written using the **Arial font of 14pt size with 2.0 spacing**.

### Example:

Authors – John Smith<sup>1\*</sup>, Amy Warn<sup>1</sup>, and Toby Jack<sup>1,2</sup>

Supervisors – Prof Tom Smid<sup>1,2</sup> and Dr Maria Franklin<sup>2</sup>

Institutions – 1. University College London, Gower St, Bloomsbury, London WC1E6BT, United Kingdom

2. Francis Crick Institute, 1 Midland Rd, London NW11AT, United Kingdom

Contact email – example@ucl.ac.uk

**From this section onwards, all lines should be numbered.**

## Keywords

Authors are asked to choose **up to 6 keywords (minimum of 3)** that capture the main ideas of the manuscript.

Keywords should be written using the **Arial font of 11pt size with 2.0 spacing**.

---

## Abstract

An abstract is one of the most essential sections of a publication. It is often the section where readers determine whether they are going to read the publication or not. Therefore, authors are asked to put substantial effort into drafting a high-quality abstract.

Abstract for Bioscience Horizons manuscript should be **no longer than 1200 characters (including spaces)**.

Abstract should be written using the **Arial font of 11 pt size with 2.0 spacing**. Text of the abstract should be justified.

## Main Body

Main body of an Article should be **no longer than 2000 words** and should be written using the **Arial font of 11 pt size with 2.0 spacing**. Text should be justified. Each paragraph (including headings) should be separated with an empty line.

Authors can use up to 3 levels of headings to separate different sections of their manuscript. Headings should be formatted as follows:

- Headings (Introduction, Results ...): Arial, size 14pt, bold, 2.0 spacing
- Subheadings: Arial, size 12pt, bold and underlined, 2.0 spacing
- Subsubheadings: Arial, size 12pt, underlined, 2.0 spacing

## Introduction

The introduction presents the problem to be analysed by the author in a clear and beginner-friendly way. It should provide the reader with the necessary context for the following sections.

## Piece Body

Perspective piece should present authors hypotheses on a current field of research. While it is still required to support your claims with experimental evidence, you are encouraged to come up with new and exciting ideas for future studies. Thus, the piece body should present a critical discussion of the literature on the topic and present the author's hypothesis.

## Conclusion

Conclusion should restate the problem to be addressed by the piece. The author should summarise their hypothesis, discuss how they align with the current state of the field, their limitations and possible directions for future research.

---

## Figures and Figure Legends

Figures and tables should be original (authors must have the appropriate rights to use any figures and tables), correctly labelled and must contain a figure legend. Abbreviations and symbols should be explained in the figure legend (even if they were used previously in the text).

Figures and tables should **not exceed the size of 186mm x 261mm** and be of a **high quality** (recommended 300 dpi).

Figures and tables should be listed in order of appearance in the text (all figures and tables must be referenced within the main text).

Legends should be included below figures and tables, **not exceed 300 words**, and be written using the **Arial font of 11pt size with 2.0 spacing**.

Figure legends should follow this format:

Figure Tag: Figure name. Figure legend  
BOLD                      ITALICS & BOLD                      REGULAR

### Example:



Figure 1: *Logo of Bioscience Horizons*. This is the logo of Bioscience Horizons.

## References

References should be mainly for primary research articles and follow the **Harvard style of referencing and include DOI where possible**.

Where a publication has more than 3 authors, first 3 should be included in the reference list and followed by *et. al.* In the case of in-text references, if a publication has 2 authors, both should be mentioned, separated with "&"; if it has 3 or more authors, only the leading author should be mentioned, followed by *et. al.*

### Layout:

Journal article:

(Author's surname(s), Year of publication)

Author's surname(s), Author's initial(s), Year of publication, **Title of the publication in bold**, *Journal Title in Italics*, vol. ## (volume number), no. # (issue number), doi: (doi).

Book:

(Author's surname(s), Year of publication)

Author's surname(s), Author's initial(s), Year of publication, **Title of the publication in bold**, edition: ## (edition number), *Publisher in Italics*, ISBN: ## (ISBN number).



---

## Examples:

(Pan, 2018)

Pan, M., 2018, **Hibernation induction in non-hibernating species**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy002.

(Moraes & Gaudet, 2018)

Moraes, M. U., Gaudet, T. J., 2018, **Immunotherapeutic and pharmacological approaches for the treatment of Alzheimer's disease**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy001.

(Muriithi *et al.*, 2018)

Muriithi, E., Kinyua J., Nyanjom, S. G., 2018, **In silico prediction of protein–protein interaction between *Glossina m. morsitans* (Westwood, 1851) and *Trypanosoma brucei* (Kinetoplastida: Trypanosomatidae)**, *Bioscience Horizons*, vol. 11, no. 1, doi: 10.1093/biohorizons/hzy005.

(Lodish *et al.*, 2018)

Lodish, H., Berk, A., Kaiser, C. A. *et al.*, 2018, **Molecular Cell Biology**, edition: 8<sup>th</sup>, *W. H. Freeman*, ISBN: 1464183392.