

ABSTRACT FORMAT FOR POSTER PRESENTATION

BioConclave 2.0 - AI in Healthcare, Biomanufacturing & Translational Bioengineering Bridging Talent, Technology and Industry Needs

Name Surname1, Name Surname2, Name Surname*3

(Presenting author underlined, * refers to the corresponding author, Times New Roman, 11pt, normal, centred)

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(Times New Roman, 11pt, italic, centered)

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ABSTRACT

Should be concise maximum 250 words, one page long, use 3-5 keywords, reference images permitted, Times New Roman, font size 12 pts

Paragraph 1: Research objective and aim - Explain the topic and why it is important. Provide context. State the purpose of your project or research question.

Paragraph 2: Methodology-Describe what you did. Include materials, experimental design, and procedure briefly.

Paragraph 3: Results and conclusion- Present key findings, observations and data recorded. Explain its relevance.

References: (maximum 5-10, state citations)

1. Name Surname, Name Surname, J. Appl. Physics, vol (year) page no
2. Name Surname, Name Surname, ChemComm, vol (year) page no.
3. Name Surname, Name Surname, J. Appl. Physics, vol (year) page no.

THEMES FOR POSTER PRESENTATION

1. AI in Healthcare and Development. (BIE2001)

- AI in Drug Discovery.
- AI Applications in Genetic and Molecular Engineering.
- Systematic Review and Meta-analysis

2. Bioinformatics and Computational Biology. (BIE2002)

- Computational AI Tools in Bioinformatics and Systems Biology.
- Automation and Robotics in Modern Bioengineering Industries.

3. Stem Cell Research and Regenerative Therapies (BIE2003)

- Stem Cells and Precision Gene Editing
- Regenerative Medicine and Tissue Engineering

4. Biosensors and Advanced Implants (BIE2004)

- Biomaterials and Smart Diagnostic Devices
- Nanotechnology in Medicine

5. Environmental Sustainability and Renewable Bioenergy Production. (BIE2005)

- Sustainable Bioenergy and Biomass Utilization
- Biogas Technology for Rural Development

6. Advancing Sustainable Development: Innovation, Inclusion, and Impact (2024–2026) (BIE2006)

- Smart Agriculture & Food Security
- Digital Tools for Sustainability

POSTER FORMAT

This is a 36" x 48" Portrait Poster Template, and Your Awesome Poster Title Goes Here.

Names of Researchers, Researcher 1, Researcher 2,
Department, Faculty, Institution

Introduction

The "Introduction" section of a research poster should provide a clear and concise overview of the research topic, outlining its significance and relevance within the field. It should start by presenting the background information necessary to understand the context of the study, including key concepts and existing literature. Additionally, it should explain the rationale behind the research, indicating any gaps in current knowledge that the study aims to fill.

Objectives

The "Research Objects" section of an academic poster serves as a critical component that succinctly outlines the key elements of the study. It should articulate the research questions or hypotheses being addressed, and function as a comprehensive overview that allows viewers to quickly grasp the fundamental aspects of the study and/or research presented.

Methods and Materials

The "Methods and Materials" section of an academic poster serves as a detailed roadmap, outlining the specific procedures and resources employed in the research. This segment offers a clear and concise description of the experimental design, data collection methods, and materials

used in the study. It provides step-by-step details on how the research was conducted, enabling other scholars to understand and potentially replicate the study. This section often includes information about the participants or subjects involved, the data collection instruments or tools

utilized, and any relevant statistical or analytical approaches. Additionally, it highlights any specific protocols, ethical considerations, or controls implemented to ensure the validity and reliability of the findings.



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Results

The "Results" section of an academic poster is a critical component that communicates the primary findings of the research. It typically provides a concise and visual representation of the data collected and analyzed during the study. Researchers use graphs, charts, tables, or other visual aids to present key patterns, trends, or significant outcomes. The visuals are accompanied by brief, interpretive captions that guide the audience in understanding the implications of the results. This section is not meant for detailed interpretation or discussion but rather serves to highlight the empirical evidence derived from the research.

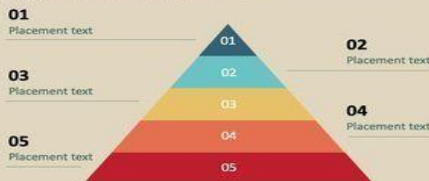


FIGURE 1 - Placement text for a sample statement expanding on the headline

The clarity and simplicity of the visuals, coupled with succinct captions, allow the audience to grasp the essential findings quickly. The goal is to provide a snapshot of the research outcomes, facilitating comprehension without delving into the intricacies, which are typically reserved for the subsequent "Discussion" section of the academic poster.

Conclusion

The "Conclusion" section of an academic poster serves as the final component summarizing the key takeaways and implications of the research. In this section, researchers succinctly revisit the main findings and discuss their significance in the broader context of the study. The focus is on drawing connections between the empirical results presented in the "Results" section and the initial research objectives or hypotheses. The "Conclusion" of an academic poster aims to leave a lasting impression on the audience, reinforcing the importance of the research and providing a sense of closure to the poster presentation.

The "Future Directions" section of an academic poster is a forward-looking component that outlines potential avenues for further research and development in the given field. In this section, researchers discuss the limitations of their current study and propose areas that warrant exploration or expansion. They may suggest novel research questions, alternative methodologies, or additional variables that could enhance the understanding of the topic.

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References

A brief list of citations for the work you've referenced. Check with your conference to see if there is an outlined style you should follow. If there isn't a specified style, just used a standard method for citation. Feel free to make the text in this section smaller, and if needed, to conserve space use two columns for your references instead of one.

Acknowledgements

A statement of Acknowledgement, giving credit for assistance and financial support that made your body of work possible.

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AREAS FOR INSTITUTE AND FUNDING BODY LOGOS

POSTER PRESENTATION – JUDGING CRITERIA

Total Marks: 20

Criteria	Excellent	Good	Average	Poor	Marks
Problem Definition & Relevance (3)	Topic clearly defined, objective stated, strong relevance to theme	Objective mostly clear, relevant	Topic stated but unclear focus	Irrelevant or unclear topic	/3
Scientific Accuracy & Depth (5)	Concepts accurate, appropriate depth, evidence-based	Mostly accurate, minor gaps	Basic concepts, limited depth	Incorrect or weak science	/5
Approach, Data & Interpretation (4)	Workflow/approach clearly shown; data/figures well interpreted	Approach shown with minor issues	Minimal explanation or weak interpretation	Missing or confusing	/4
Creativity & Original Contribution (4)	Clear originality, creative idea or perspective	Some originality; moderate innovation	Conventional idea; limited novelty	No originality or copied idea	/4
Layout, Visual Flow & Readability (2)	Excellent visual balance, logical flow, readable from distance	Mostly clear, slightly crowded	Text-heavy or poorly arranged	Disorganized, hard to read	/2
Poster Defense & Responses	Explains clearly; answers questions correctly	Basic explanation	Partial or unclear answers	Unable to explain clearly	/2

(2)

(Plagiarism check will also be done)

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