

GD Goenka  
School of Medical &  
Allied Sciences



Recent Advances & Challenges in Healthcare



**REACH**  
GD GOENKA UNIVERSITY

**4<sup>th</sup> INTERNATIONAL  
CONFERENCE**

**on Digital Healthcare in post COVID Era**



**22 & 23 August 2022**



at GD Goenka University, Gurugram Sohna Road, Haryana, India  
Organised by School of Medical & Allied Sciences, GDGU

**Convener**

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[gdgoenkareach.com](http://gdgoenkareach.com)  
[gdgoenkauniversity.com/conference/Reach-2022](http://gdgoenkauniversity.com/conference/Reach-2022)

### **1) Instruction for abstract submission for students/ participants**

1. Original research and/or review based scientific abstract on your area of interest/theme of conference etc.
2. The abstract should be 150-200 words including the objective, hypothesis, material methods, and results of the study.
3. The abstract should be submitted in MS-Word, Times New Roman, font size 12 (except title font size should be 14), and single line spacing.
4. The title must be bold, mentioning the affiliations of the presenting authors and the co-authors. The presenting author's name should be underlined and he/she should have registered for the seminar.
5. The abstracts in proper formats may kindly submit through easychair on or before 7<sup>th</sup> August 2022 or email: [reach.somas@gdgu.org](mailto:reach.somas@gdgu.org)

**\*Abstract Format**

**Development and Characterization of Transferrin Receptor Targeted  
PLA-TPGS Polymeric Nanomicelles for Lung Cancer Therapy**

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**Abstract**

In this study, the polymeric nanomicelles (PNMs) were constructed from poly-lactic acid-D- $\alpha$ -tocopheryl polyethylene glycol 1000 succinate (PLA-TPGS) diblock copolymer and decorated with TPGS-Trnsaferrin conjugate to improve the therapeutic efficacy and safety of docetaxel (DTX) in lung cancer therapy in compared docetaxel injection (Docel<sup>TM</sup>). Drug was loaded into polymeric nanomicelles by using solvent displacement method and conjugated with TPGS-Tf conjugates. The in-vitro cellular uptake and cytotoxicity studies were performed on adenocarcinomic human alveolar basal epithelial cells (A549 cells). The particle size analysis showed that prepared PNMs were well structured in nano size between 85 and 189 nm with higher drug encapsulation efficiency up to 86%. The in-vitro drug release from transferrin receptor targeted PNMs was sustained for more than 72 h with 59% of drug release. Further, transferrin receptor targeted PNMs have shown a higher uptake of coumarin 6 in compared to other counterparts in A549 cells. The DTX-PLATPGS-Tf achieved up 70.34-fold decrease in IC<sub>50</sub> value compared with that of Docel<sup>TM</sup>, after 24 h incubation with A549 cells. The study revealed that transferrin receptor targeted PNMs showed significantly higher cytotoxicity, low toxic profiles and thereby improved efficacy as well as safety for lung cancer therapy.

**Keywords:** Docetaxel, Lung Cancer Targeting, Nanomedicine, Polymeric Nanomicelles, Transferrin

## 2) Guidelines for off-line poster presentation

A poster is a concise and impressive way to highlight and present project or research work and is a requirement for research scholars to document their findings. Poster should be of proper font size, colour and should convey clear and to the point information in given time. The “Title and Conclusion” are the important part of poster. Use colours wherever necessary. Avoid text in all capital letters. Text in upper and lower case is easier to read.

Poster participants are expected to follow following guidelines for poster making.

### Font size and type:

- Use font either Arial or Times New Roman throughout the poster and avoid fancy fonts.
- All headings except for topic title should be 36 font size and in bold, capital letters.
- Subheadings font size should be 30 pt., bold and in all capital letters.
- References and Acknowledgments font size should be 20 pt.
- Text should be 20 to 26 pt, which should be visible from 3-6 feet (1-2 meters) distance. Avoid lengthy notes.
- The poster board should be not more than 0.95 meter (95 cm), wide by 1.2 meter and height (120 cm).

### The use of visuals –

The most effective way of making poster and conveying the maximum amount of information is by using well labelled and topic appropriate graphs or diagrams.

### The layout

**1. Title:** Briefly tell the idea of the project. Use 60 point or more. Title should be visible from 2 to 3meters. Author(s) name: 40 pt, bold. Institution address: 36 pt, normal. Underline the name of the presenting author. Do not use degrees, titles or designations for any of the authors. Title should fairly reflects the poster content. Try to present one main result with the conclusion (declarative title).

**2. Abstract:** Abstract font size is 20 to 24 for poster and should be the same as sent during poster submission through EasyChair conference 2022 portal link. Length of abstract should not exceed 250 words.

**3. Introduction:** Introduction should provide context for the poster and should involve contents as per following terms.

*First paragraph:* Review of literature or background information. Define the topic; explain what was studied before, and the state of existing knowledge relevant to the study undertaken.

*Second paragraph:* Rationale or significance of the study. Why is the study important?

*Third paragraph:* Objective(s) of the work. Gaps that the project is intended to fill.

*Fourth paragraph:* State hypothesis(es), if it is a hypothesis driven study.

**4. Methods:** This is a necessary for a scientific poster based on experimental design. An overview of the experimental design citing the work done along with references for standard methods should be mentioned. Cite the references by numerals (1, 2, 3 etc.,) in superscript. If used, Information regarding statistical methods and ethical approval should be mentioned sincerely.

**5. Results:** Findings and derivations from study should be properly mentioned. Use of tables and figures (no text) to clarify and depict study results is encouraged. These should be clear, concise and self-explanatory. Legends for both Tables and Figures/Graphs are advised to be included in this section.

**6. Discussion:** Add this section as per research study and understanding of results, if required. This is optional, if conclusions are clear.

**7. Conclusion:** It should be consistent with study results and related to objectives, research questions and hypothesis. Mentioning of possible future work is appreciated in brief bullet statements.

**8. Reference and Acknowledgement:** Optional.

**Note:** Please use attached poster format.

Footnote: Should be in below format.

Presented at the “Recent Advances and Challenges in Healthcare” (REACH) held at GD Goenka University during 22-23 August 2022

<b>Abstract Number</b>	<b>Title of the project [Maximum 2 lines, Text in upper and lower cases, &gt;60 point, bold]</b> <b>Author(s) name [one line, 40 point, bold]</b> <b>Department, Institution, City, State [Maximum 2 lines, 36 point,</b>	
<b>ABSTRACT</b>  (Original sent to the GDGU)	<b>TABLE 1</b>	<b>DISCUSSION</b> (Optional)  1. 2.
<b>INTRODUCTION</b>  1st para: Review of literature 2nd Para: Rationale 3rd Para: Objective 4th Para: Hypothesis (optional)	<b>TABLE 2</b>	<b>CONCLUSION</b>  1. 2. 3.
<b>METHODS</b>	<b>FIGURE 1</b>	<b>REFERENCES</b> (Optional)
	<b>FIGURE 2</b>	<b>ACKNOWLEDGMENT</b> (Optional)

Presented at the “Recent Advances and Challenges in Healthcare (REACH)” held at GD  
Goenka University during 22-23 August 2022

### 3) Guidelines for virtual poster/oral presentation

#### PREPARATION OF THE POSTER

- Given combined virtual/physical nature of the conference we are also accepting Electronic Posters (E-Posters) in PDF format. Printed posters or photographs of printed posters will NOT be accepted for online presentation. For off-line presentation, printed posters are required.
- **Poster Submission Deadline: 12<sup>th</sup> August 2022**
- The poster should be a clear visual presentation of your submitted abstract and should meet the following criteria:

##### A) Title of the Poster

- It is recommended to keep the title of the poster same as in the submitted abstract. Slight modification which does not change the idea of the abstract is also allowed.

##### B) Poster size and format

- Poster must be submitted in PDF format.
- It is recommended to make your poster in PowerPoint (Landscape or Portrait) and then save it as a PDF before sending to us.
- Make sure that you do not exceed the limit of 5 PPT slides for your E-Poster.

##### C) Your Information

- The top of the Poster should display, in the lettering of 18 Bold (Times New Roman), the following information: Title of your Paper, Name(s) of the Author(s) and Affiliation(s).
- Please put your poster number on the top left corner of the poster.

##### D) Lettering

- Kindly use both UPPER and lower case letters for general content, as all-capital text is difficult to read. It is recommended to use 14 Times New Roman font style for the content of the poster.
- Make sure there is enough contrast between the colour of the text and the poster's background.
- Text and presentation should be in ENGLISH only.

##### E) Content of the Poster

- Make sure that the specific sections (such as the background, methods, results, and conclusions) are easy to locate in the poster.

- Try to keep the text easy to read and concise. The poster should have a clear message, a logical layout and be easy to comprehend.
- Avoid the use of full sentences and rather use short text in bullet point format.

Avoid using watermarks that may detract from the readability of your poster.

#### **F) Illustrations**

- Illustrations are the most important part of the poster and will attract the most attention.
- Colourful charts and graphs are the easiest to read . Explanatory illustrations should be used
- instead of text whenever possible.
- Use only static images and do not embed any videos or animation in your poster.
- Try to utilize the space on your poster as creatively as you can to attract the audience and make sure that the images are easy to understand.

#### **G) HOW TO SEND THE POSTER TO US**

- Kindly send your e-poster in PDF format at my email [reach.somas@gdgu.org](mailto:reach.somas@gdgu.org) or **easychair**
- After that you will get a confirmation upon successful receiving of your poster.
- Before 4-5 days of comencing the REACH conference, you will get time and schedule for the your e-presentation. You will have only 10 minutes your presentation followed by Question and Answer session. In any case, time will not be acceded to conclude your presentation.

**Helpdesk:** If you have any questions, please contact the conference secretariat: [reach.somas@gdgu.org](mailto:reach.somas@gdgu.org)

#### 4) For full length paper

- The full paper should have a separate cover page bearing only the title of the paper and author name(s), designation(s), official address(es) along with phone number(s) and e-mail address(es).
- The full paper should not exceed 6000 words (all inclusive) using Times New Roman font, 12pt, 1.5 spacing and follow APA referencing throughout the manuscript.
- All the submitted papers will undergo plagiarism check. Maximum acceptable limit is 10 %. Papers not satisfying the criteria will be summarily rejected.
- Authors will be notified about the acceptance of their paper(s) for oral/poster presentation through email, after which the process of registration will begin

Registration will be confirmed only after the payment of registration fee and at least one author must present the paper at the conference.

Co-authors are required to register by paying the registration fee separately to attend the conference and receive the e-certificate.

#### ***Best Paper Awards***

- One best paper award for each session and one overall best paper award of the conference will be awarded.
- All the best paper awardees will receive best paper certificates.

To compete for the best paper award, submission of full paper as well as the presentation of the same is mandatory.

<b>IMPORTANT DATES</b>	
<b>Last Date for Abstract Submission</b>	<b>August 07, 2022</b>
<b>Communication of Abstract Acceptance</b>	<b>August 08, 2022</b>
<b>Last Date for Submission of Full Paper</b>	<b>August 12, 2022</b>
<b>Late Date for Registration</b>	<b>August 16, 2022</b>
<b>Conference Dates</b>	<b>August 22-23 2022</b>