



How to Create Scientific Poster in \LaTeX

Author A, Author B, and Author C^{*}

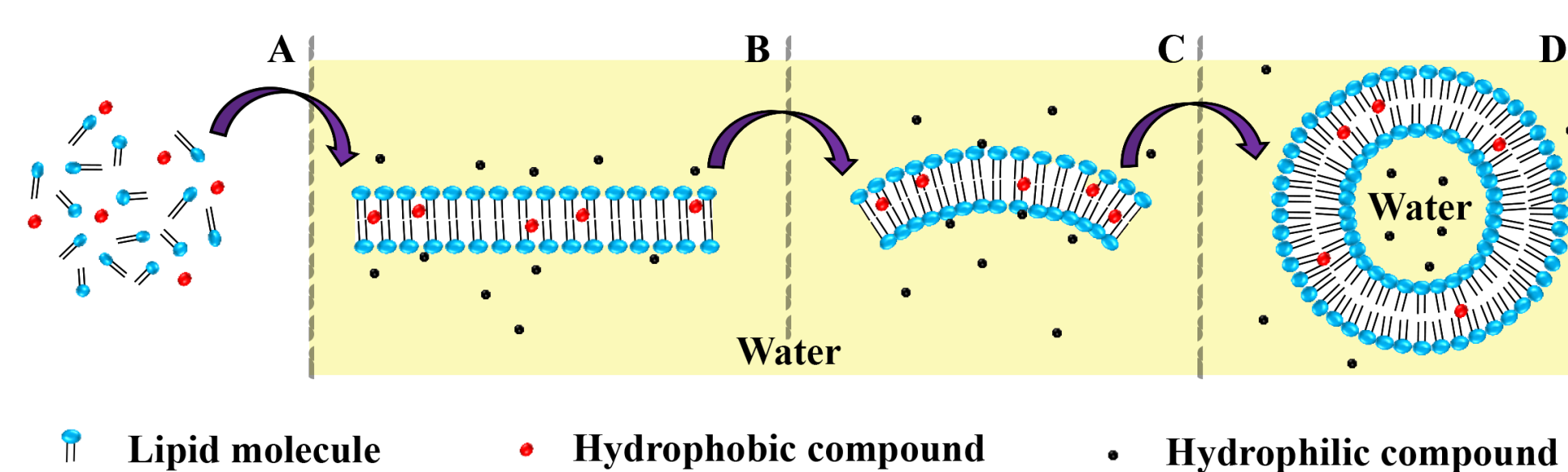
Department of Chemical Engineering, Indian Institute of Technology Bombay
Mumbai, Powai-400076

*Email: authorC@email.com

Introduction

LaTeX, which is pronounced Lah-tech or Lay-tech, is a document preparation system for high-quality typesetting. It is most often used for medium to large technical or scientific documents but it can be used for almost any form of publishing.

- Posters are a great way to showcase your work, whether at conferences, class presentations, or university open days.
- Conference posters are used by researchers to display the results of research at academic conferences.
- They are printed on large paper (typically A0) and use large font sizes to rapidly draw attention. Typically, a number of sections are present to summarize the background, experimental design, results and significance of the experiment performed as succinctly as possible.
- Text is therefore best kept to a minimum and results are shown visually in tables, figures and equations.
- LaTeX makes creating posters as easy as writing a normal document and can be customized to create beautiful poster layouts.



Materials and Methods

Materials

- There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable.
- If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text.
- In a free hour, when our power of choice is untrammelled and when nothing prevents our being able to do what we like best, every pleasure is to be welcomed and every pain avoided.

Methods

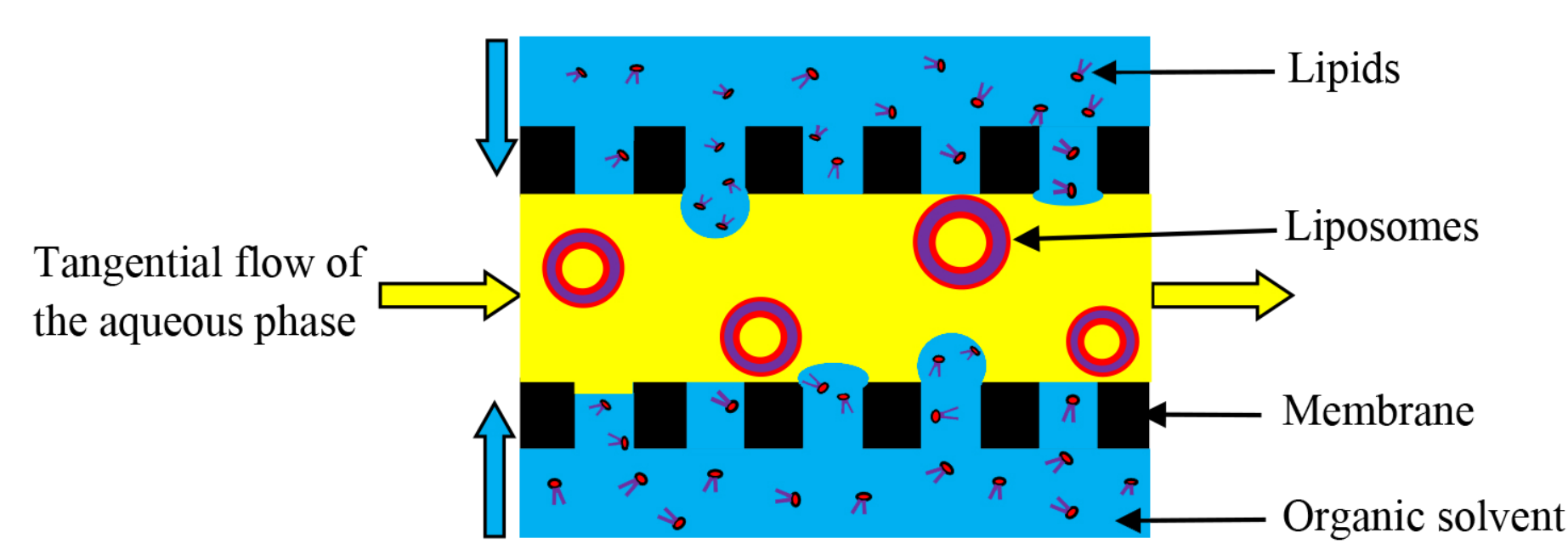


Figure: The experimental setup [3].

- Lipid-ethanol solution is first heated at $T > T_g$, The fluid is conveyed through a tube to the module.
- In module, it is extruded through a membrane contactor with definite pore size.
- Simultaneously, the aqueous solution is tangentially flowed on the membrane contactor.

Bond interaction between two atoms A and B can be represented by the following potential energy functional:

$$E = U(r_{AB} = 1/2K_{AB}(r_{AB} - r_{AB,eq})^2$$

Results

Comparison of different proposed methods

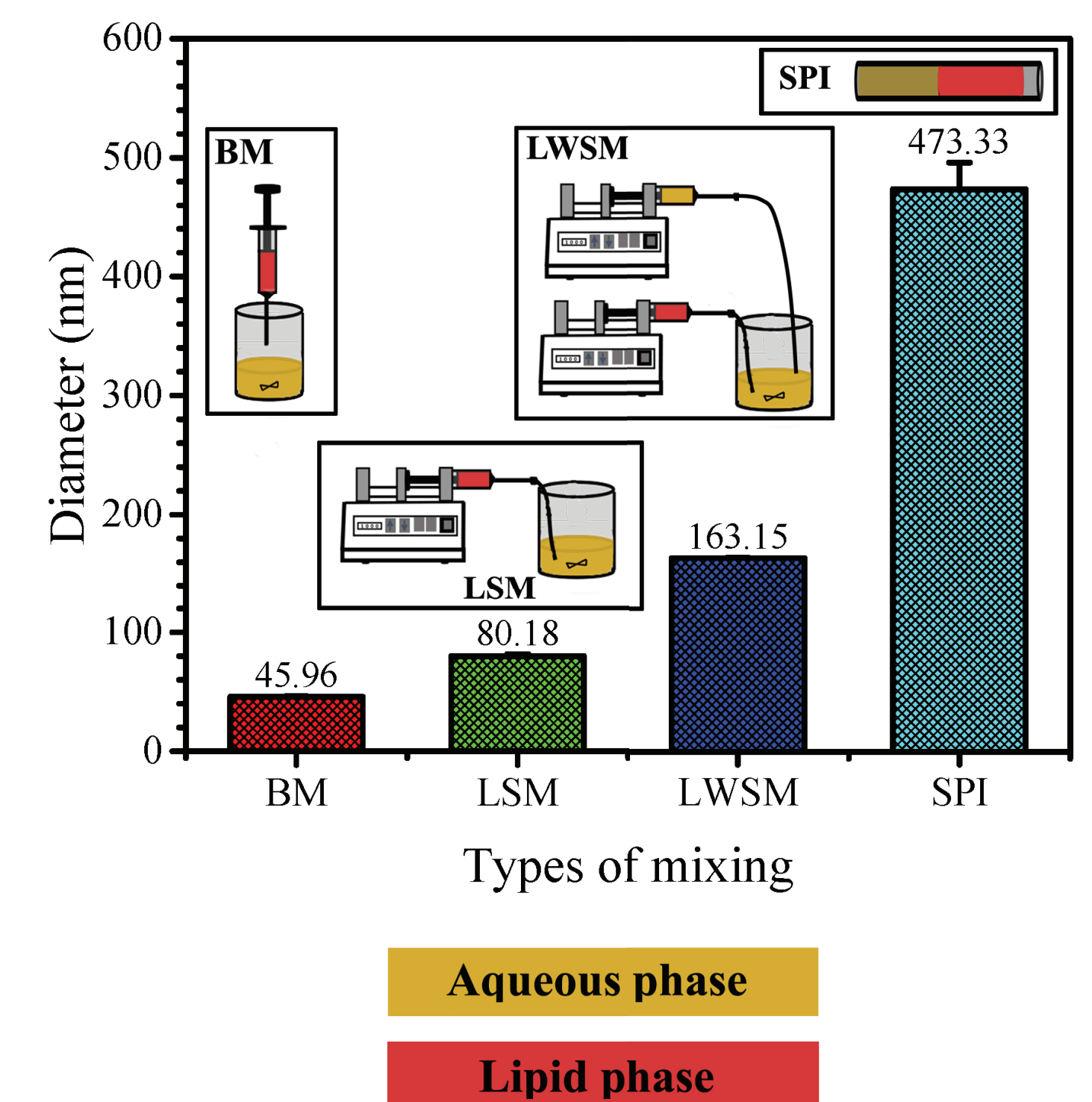


Figure: Mechanical response of adherent giant liposomes [5].

Method	Step	Lamellarity	Size (nm)
TFH	Multi	Multilamellar	MLVs
DD	Multi	Unilamellar	LUVs
REV	Multi	Multilamellar	LUVs, OLVs
EI	Single	Unilamellar	SUVs, LUVs
ED	Multi	Unilamellar	GUVs
PS	Single	Unilamellar	SUVs, LUVs, GUVs

Conclusions

- Lorem Ipsum is simply dummy text of the printing and typesetting industry.
- It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.
- It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.
- Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).
- No one rejects, dislikes, or avoids pleasure itself, because it is pleasure, but because those who do not know how to pursue pleasure rationally encounter consequences that are extremely painful.
- Lorem Ipsum is simply dummy text of the printing and typesetting industry.

References

- [1] C. Has, *Ph.D. thesis*, 2018, IIT Bombay, Chemical Engineering.
- [2] C. Has and P. Sunthar, *J Liposome Res*, 2019, 1–30.
- [3] C. Jaafar-Maalej, C. Charcosset and H. Fessi, *J Liposome Res*, 2011, **21**, 213–220.
- [4] C. Has, S. M. Phapal and P. Sunthar, *Chem Phys Lipids*, 2018, **212**, 144–151.
- [5] R. Sorkin, R. Huisjes, F. Bošković *et al.*, *Small*, 2018, **14**, 1801650.

Acknowledgements

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Background and Motivation

- Lorem Ipsum is simply dummy text of the printing and typesetting industry.
- Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.
- It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.



Figure: The common steps involved in writing process.

Results

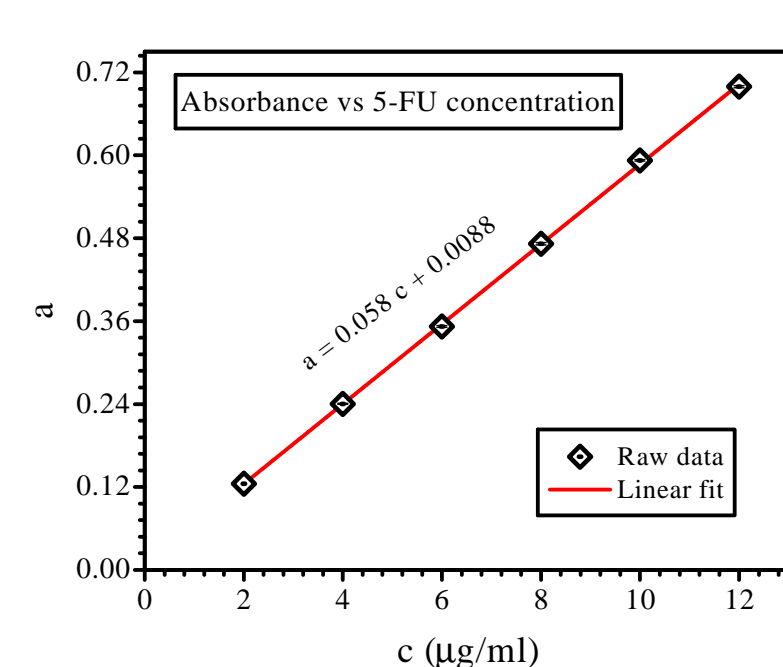


Figure: 5-FU calibration plot [1].

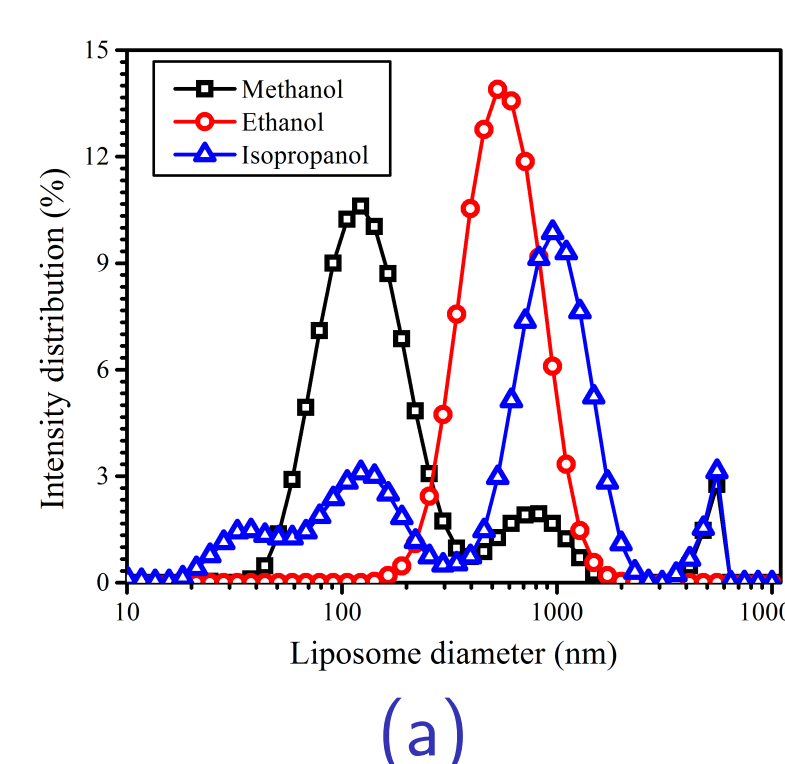


Figure: This is an example of adding subfigures in latex [4].

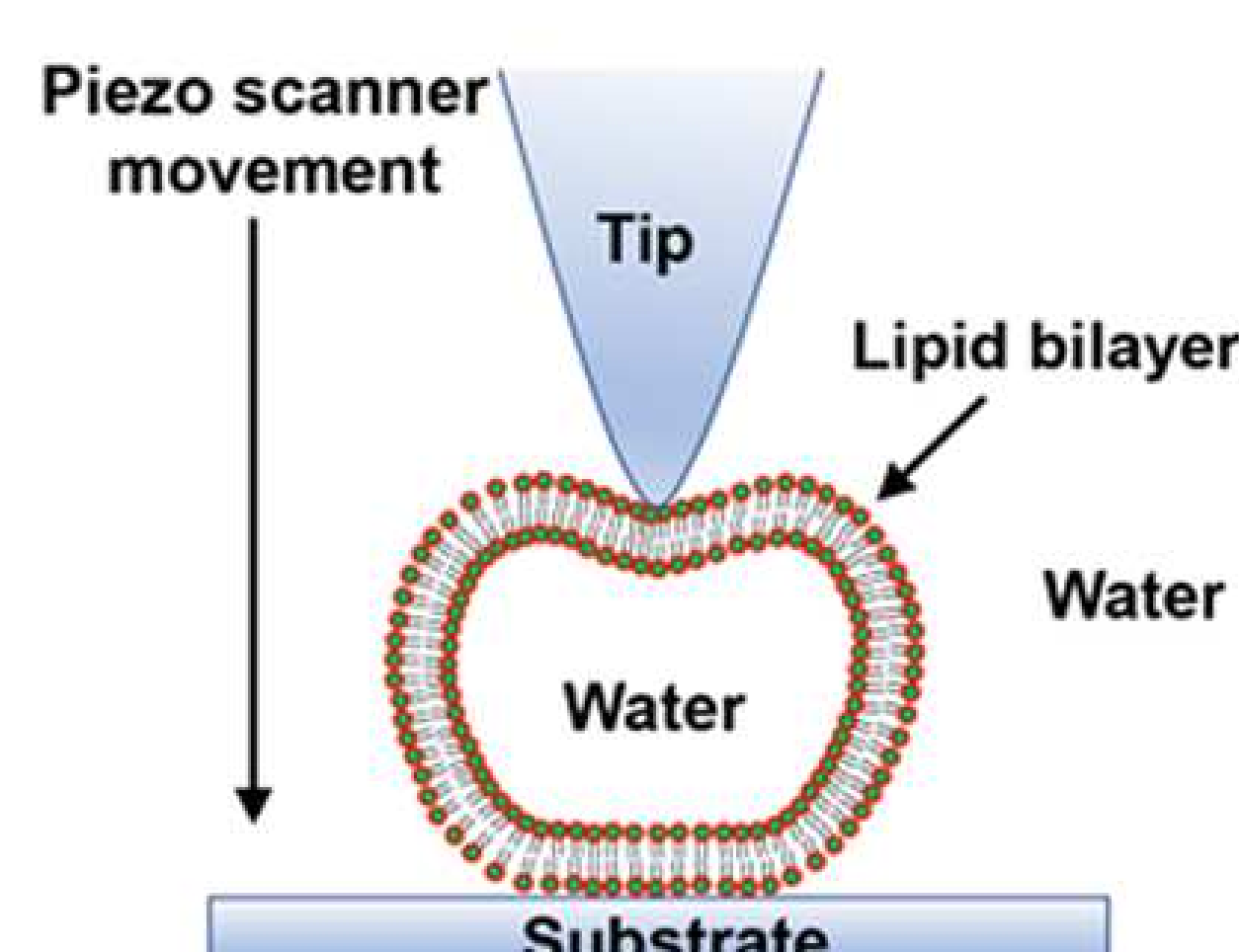


Figure: Mechanical response of adherent giant liposomes [5].