





THIS CERTIFICATE IS PROUDLY PRESENTED TO:

## Dr. apt. Sri Hartati Yuliani, M.Si

in recognition of his/her valuable contribution as :

## Speaker

in

The 1<sup>st</sup> International Conference on Medical Technology (ICoMTech) 2021 Lombok, West Nusa Tenggara, May 29 - 30, 2021

amsuriansyah, MM.,M.Kes

Director of Politeknik Medica Farma Husada Mataram

ham Halid, M.Si Chairman





## YAYASAN MEDIKA CIPTA MANDIRI MATARAM POLITEKNIK MEDICA FARMA HUSADA MATARAM 1<sup>St</sup> INTERNATIONAL CONFERENCE ON MEDICAL TECHNOLOGY (1<sup>St</sup> ICoMTech) 2021



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Dear Dr. apt. Sri Hartati Yuliani, M. Si

On behalf of the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON MEDICAL TECHNOLOGY (1<sup>st</sup> ICoMTech) 2021 organizing committee, we would like to express our highest appreciation, for your participation as speakers in the conference. This will be a great opportunity among the stakeholders (academia, researchers, health practictioner, and students), to perform ideas-exchanging related with *Strategy And Potential Research On Health*.

As the importance and significant contribution from this conference in this area of expertise, we would like to invite you to attend the virtual 1<sup>St</sup> INTERNATIONAL CONFERENCE ON MEDICAL TECHNOLOGY (1<sup>St</sup> ICoMTech) 2021 that will be held in Lombok, Indonesia, on May 29th – 30th, 2021. This invitation letter can be enclosed for your permit for your join to conference, in accordance with the event mentioned above by virtual or ZOOM Application (including the date).

Finally, we would like to take this opportunity to thank for your participation in the 1<sup>st</sup> INTERNATIONAL CONFERENCE ON MEDICAL TECHNOLOGY (1<sup>st</sup> ICoMTech) 2021. Please do not hesitate to contact us for further information or visit our website at: www.politeknikmfh.ac.id.

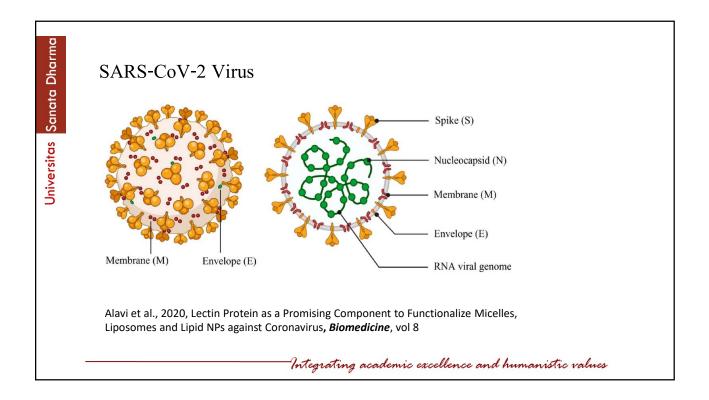
We look forward to see you in Lombok, Indonesia, in March 2021.

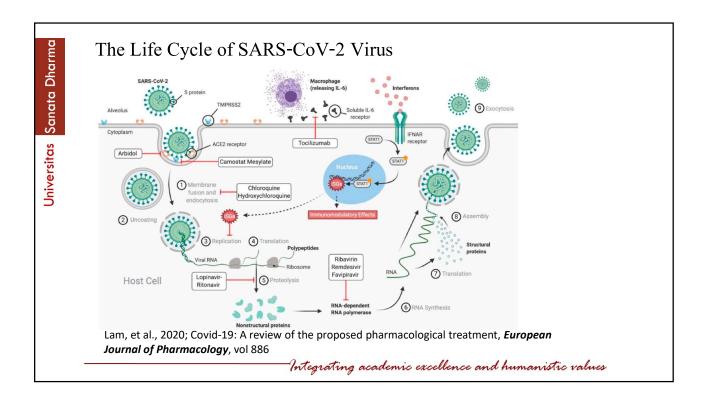
Cordially yours,

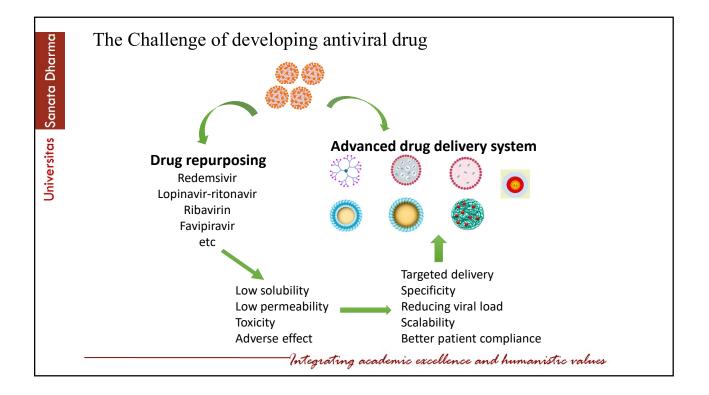
Kind regards, Organizing Committee/ Head Committee

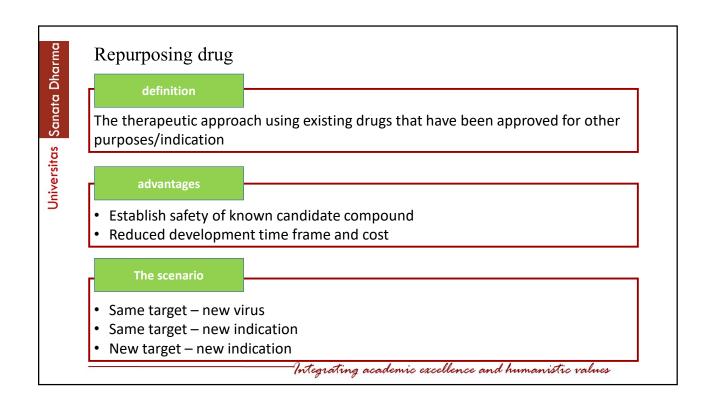


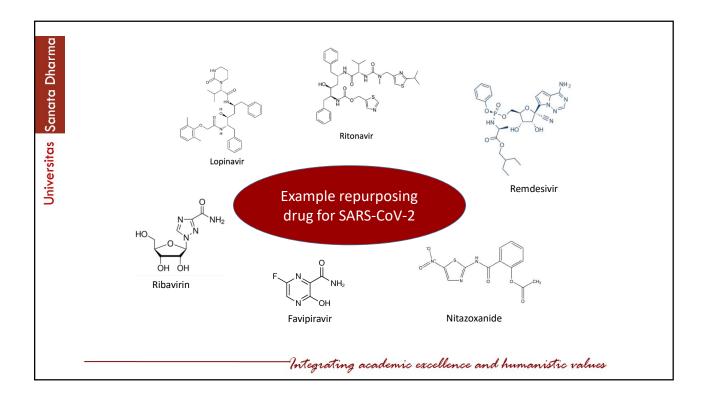




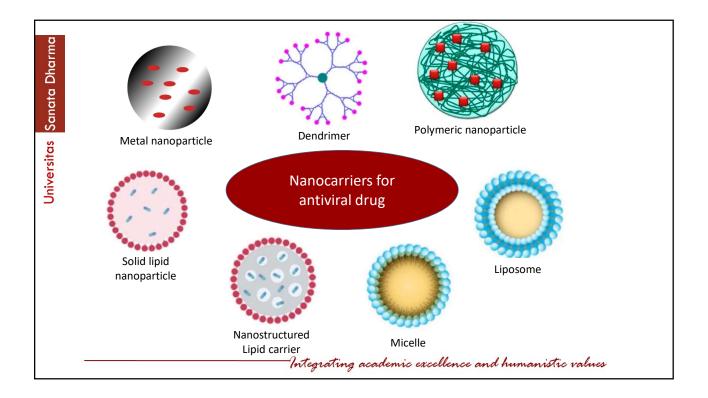


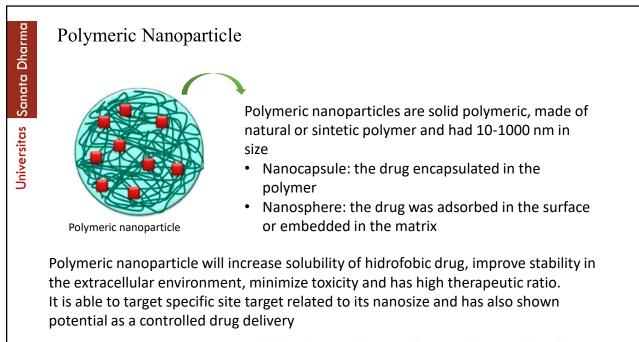




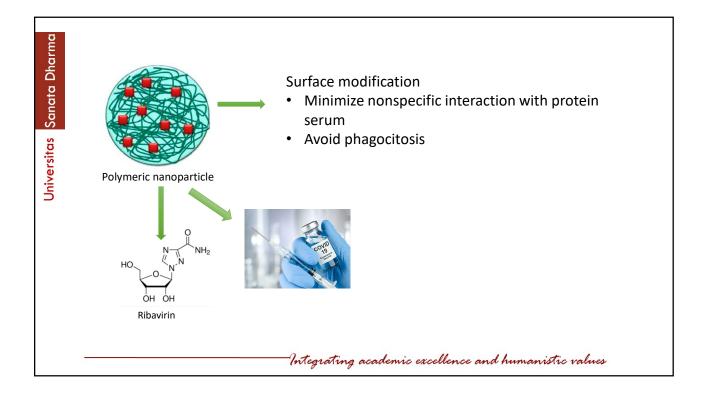


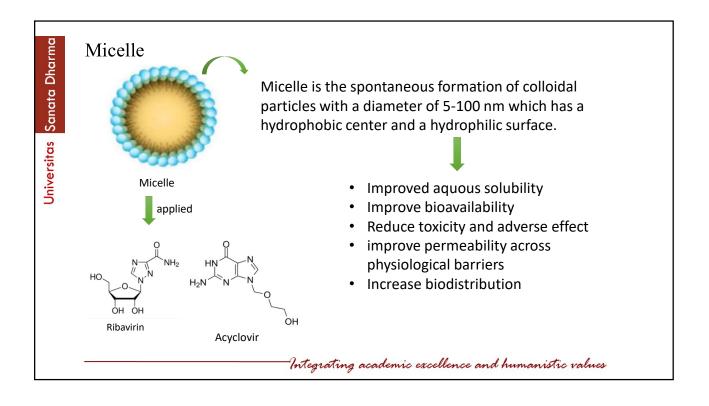
|            | lanoparticle as ant   | iviral delivery | vehicle                  |  |
|------------|---|-----------------|--------------------------|--|
|            | definition  |                 |                          |  |
| a          | Nanoparticles are a particles with at least one dimension smaller than 200 nm another source define the particles that have size smaller than 1 $\mu m$ |                 |                          |  |
| <b>[</b> ] | Why nanoparticle  |                 |                          |  |
| •          | <ul> <li>Targeted disease cell</li> <li>Improved efficacy of the antiviral drug</li> <li>Reduced toxicity of the antiviral drug</li> </ul>              |                 |                          |  |
|            | Nanoscale drug delivery advantages  |                 |                          |  |
| In         | nproved bioavailability   | /               | Decreased drug resistent |  |
| C          | ontrolled release   |                 | Overcome cell barriers   |  |
| Ρ          | rotection of drug   |                 | Site-specific targeting  |  |
|            |   | Integrating     |                          |  |

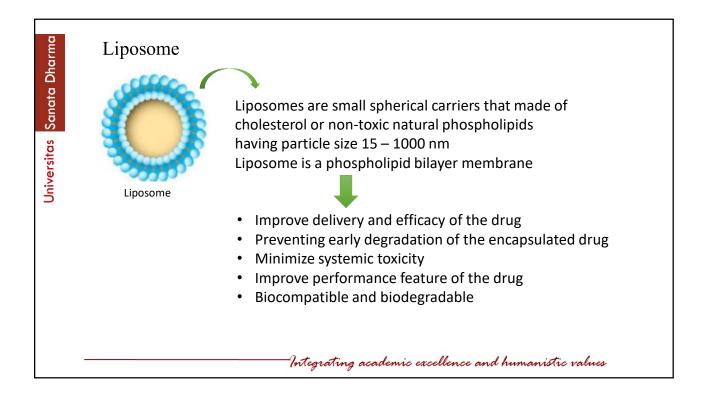


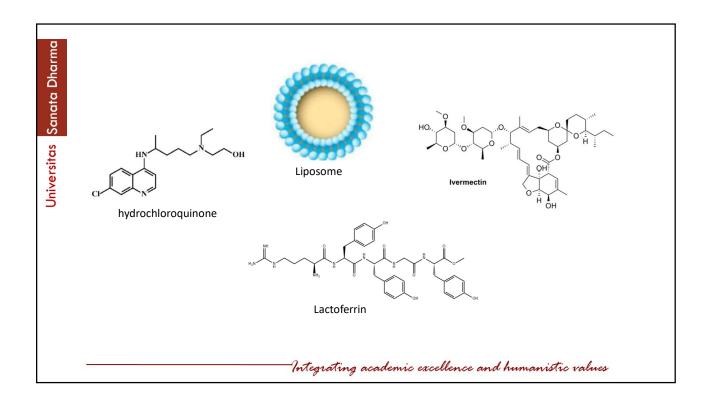


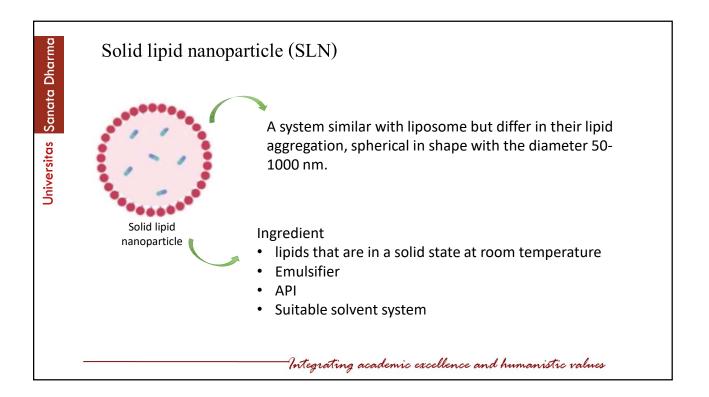
Integrating academic excellence and humanistic values











| Issue                           | Adventages SLN over liposome   |
|---------------------------------|--|
| Avoidance of organic solvent    | Avoidance of organic solvent when desire   |
| Preparation and reproducibility | Excellent reproducibility and feasible large-scale production  |
| stability                       | Increased stability of the active ingredient because of the rigid core lipid matrix  |
| Biodegradability                | Both liposomes and SLNs are biodegradable  |
| Binding, entrapment and release | SLNs impose greater entrapment efficiency for<br>hydrophobic drugs<br>Ability to allow controlled release and drug targeting<br>by coating/attaching ligands to SLNs |

