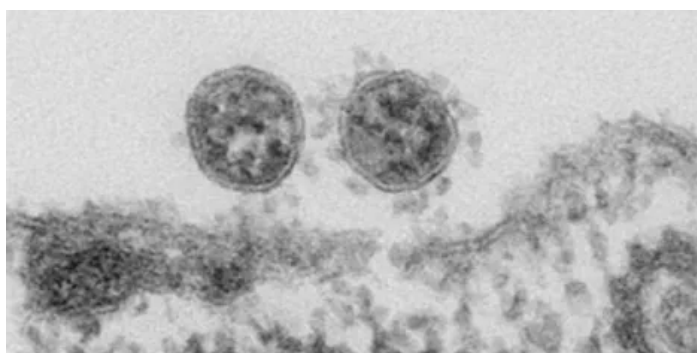
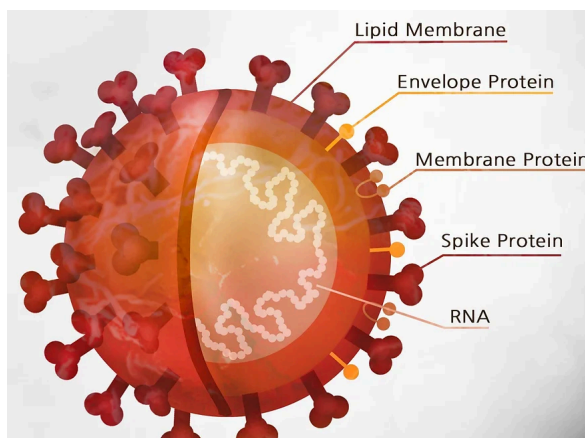


Virological evaluation of **SARS-CoV-2 Covid-19 Coronavirus** sample had segregated from the affected from the patient with respiratory tract infection. **SARS-CoV-2 Covid-19 Coronavirus** is a type of virus reason for world pandemic **Coronavirus Pandemic- 2019**. Segregated **SARS-CoV-2** sample subjected under the Transmission Electron Microscopy (**Tecnai Spirit, Thermo Fisher Scientific™**). Microscopic Images of virus images are acquired and captured images are attached below. **Covid-19 Coronavirus** single-stranded RNA structure taken under the mathematical modeling representation.



Thermo Fisher Scientific™ TEM image of SARS-CoV-2



Single-stranded RNA **SARS-CoV-2** structure mathematical model is represented below in the mathematical form of equation.

$$x(t) = \sqrt{8} \frac{\sqrt{1-\cos 2t}}{\sqrt{2}}$$

$$y(t) = \sqrt{8} \sin(t + 90)$$

$$z(t) = t$$

Python programming should be executed for data visualization of 3-D line plot representation of Single-stranded **RNA SARS-CoV-2 Covid-19** from the equation. 3d line plot should be clearly visible in a perfect continuous line with line color. Estimate the length of the **RNA SARS-CoV-2** structure from $0 < t < 3$

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