A machinery of Life

A short story

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Biostatistics, Fall 2020

Protein of blood cells

- recognize the invading cells
- destroy the invading cells

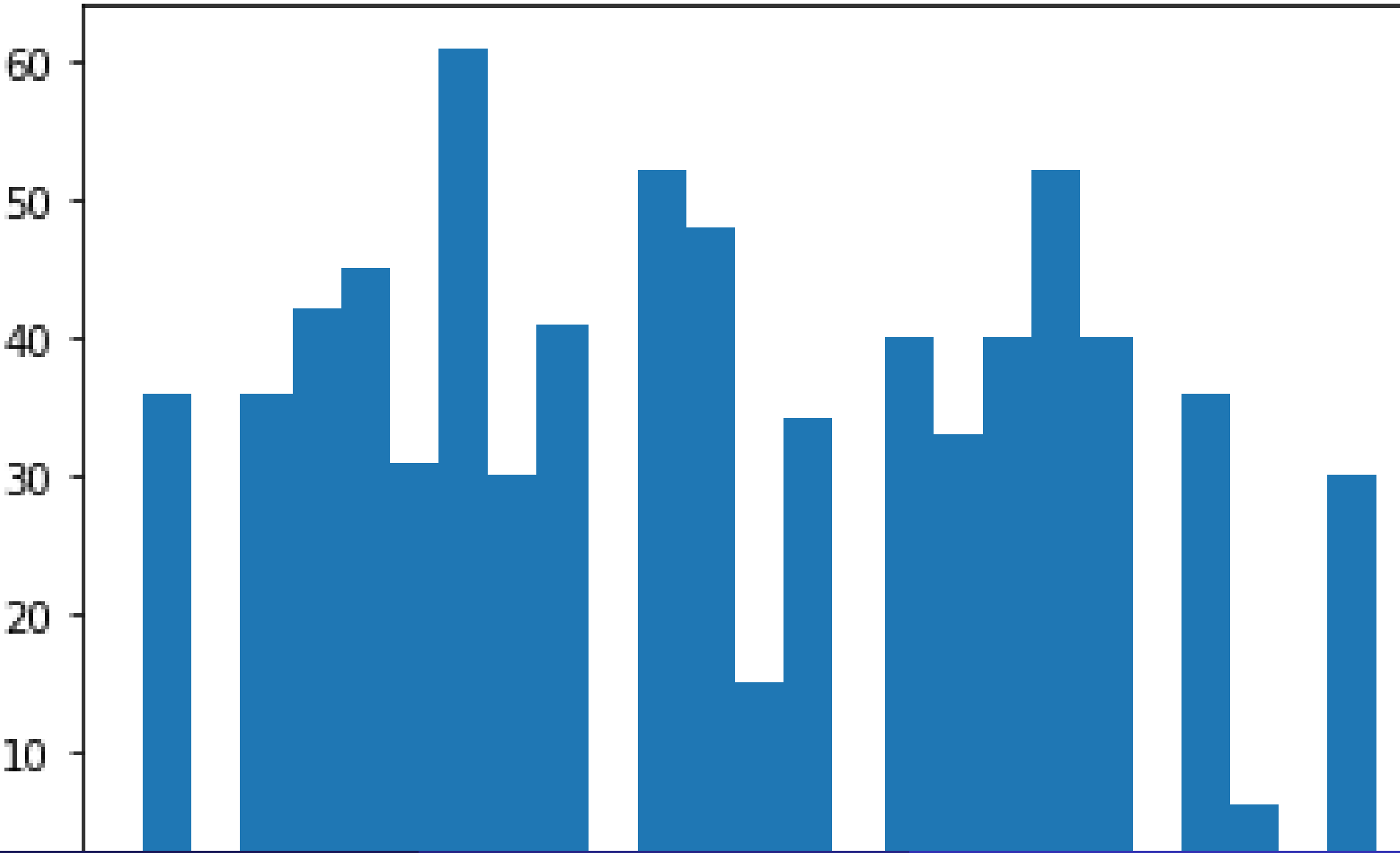
Main work

- Every living things on Earth uses the similar set of molecules to eat, to breath, to move and to reproduce.
- Many molecular machines are virtually identical in all living cells
- We will look machine molecules,unusual molecular world , how they combine with living cells.

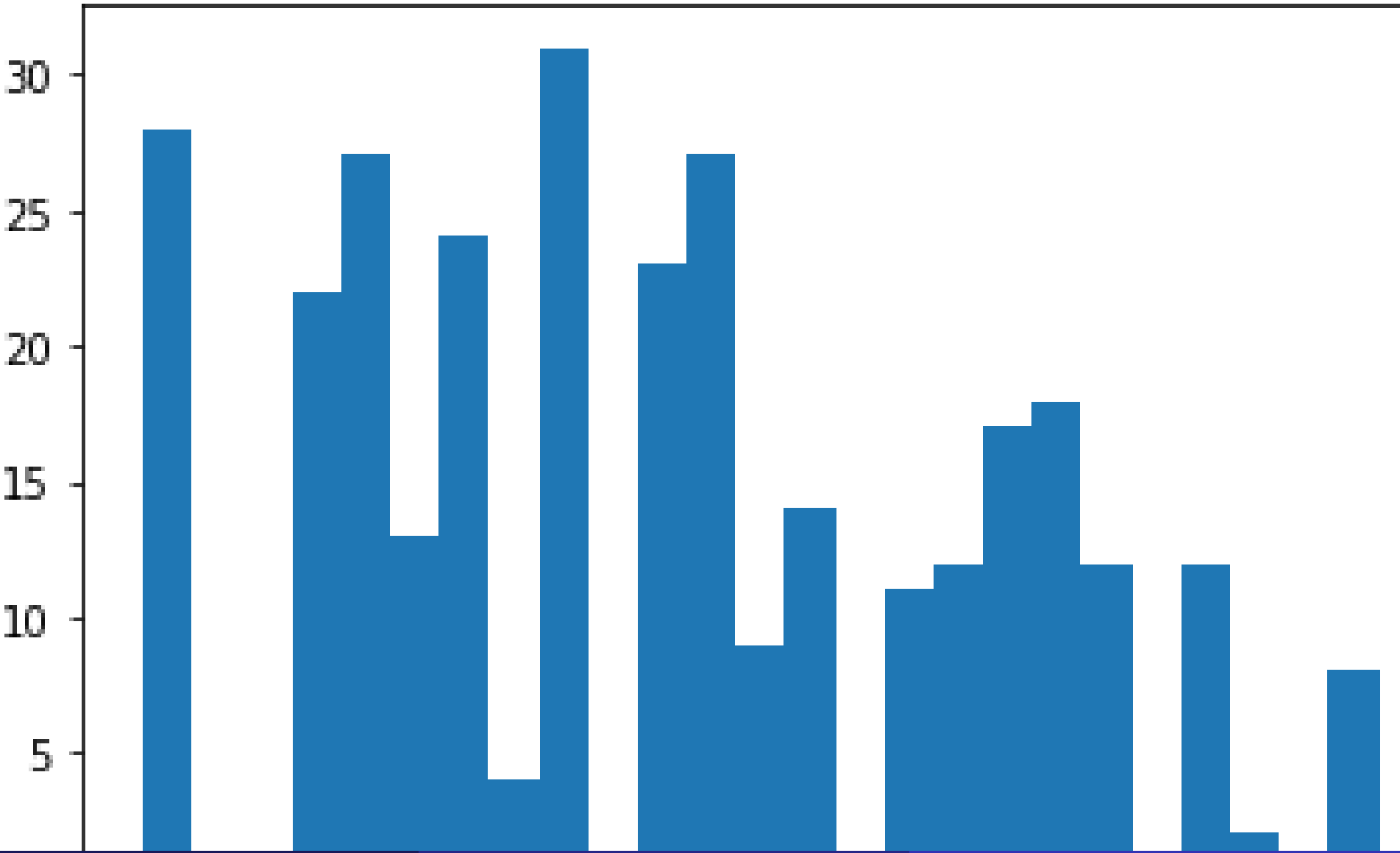
Process

- Data collected
- X denoted for anti-body protein of length 2000
- Y denoted for not anti-body protein of length 2000
- Change name of protein into vector form by using Python

Histogram plot for a antibody protein X[0]



Histogram plot for a not antibody protein Y[0]



Conclusion

We study about protein which is used by body to fight with Bacteria Viruses. Protein is made up of combination of amino acids and we study a protein and amino acids in it and length, deviation as well as compare the length of all protein in the given data set.

Reference

- https://github.com/aneupanetims2016/Fall-2020/blob/master/Copy$_o f_B iostatistics_L ab_2$.ipynb
- *https : //github.com/aneupanetims2016/Fall − 2020/blob/master/Life$_M$achinery$_N$otes.pdf*