

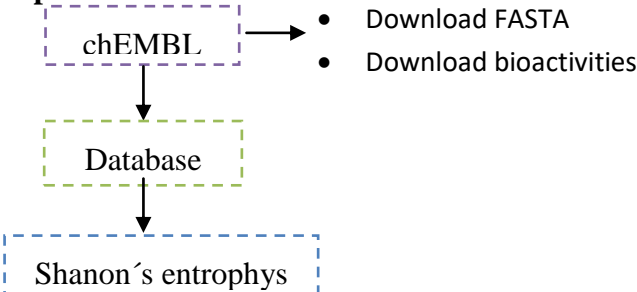
## Drug protein interaction and its biological activity in the treatment of Alzheimer's disease

Pérez, S<sup>a</sup>., Villanueva, C<sup>b</sup>., Arrasate, S<sup>c</sup>., González, H<sup>c</sup>.

<sup>a</sup>Escuela Superior de Ciencias Naturales; Universidad Autónoma de Guerrero. 39105. Chilpancingo, Guerrero, México.

<sup>b</sup> Universidad de la Ciénega del Estado de Michoacán de Ocampo, Genómica alimentaria. 59518. Sahuayo, Michoacán, México.

<sup>c</sup> Department of Organic Chemistry II, University of the Basque Country UPV/EHU, 48940, Leioa, Biscay, Spain.

<p><b>Graphical abstract.</b></p>  <pre>graph TD; A[chEMBL] --&gt; B[Database]; B --&gt; C[Shanon's entrophys]; A --&gt; D[Download FASTA]; A --&gt; E[Download bioactivities];</pre>	<p><b>Abstract.</b></p> <p>In this project, a qualitative study of the interaction of different proteins and drugs for the treatment of Alzheimer's disease was carried out, using the chEMBL database to observe the bioassays that have been applied for these drugs. The Shanon entropy of the drug protein interaction was calculated according to the test conditions.</p>
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### References

1. Zhi-Ping, L., Yong, W., et al. Detecting and analyzing differentially activated pathways in brain regions of Alzheimer's disease patients. *Molecular BioSystems*, pp.(3-11). doi: 10.1039/c0mb00325e.
2. Recuperado el 28/07/2018 de: <https://www.ebi.ac.uk/chembl/>.