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The Significant and Profound Impacts of Chou's "Wenxiang" Diagram

Short Communication

Kuo-Chen Chou*

Gordon Life Science Institute, Boston, Massachusetts 02478, United States of America.

The Chou's wenxiang diagram, named after Kuo-Chen Chou [1, 2].

Because the wenxiang diagram is generated by a conical projection of a helix onto a plane, with the start (N-terminus) of the helix at the edge and the end toward the center, the location of each residue in a helix is not only defined by an angle around the diagram's center, but is also defined by its radius from the center of the diagram in number of turns, which corresponds to its distance along the helix, in number of turns. Therefore, in principle, the wenxiang diagram can be used to represent an alpha-helix of any length.

The impacts of the "wenxiang diagram" are significantly and profoundly (see, e.g., [3-12].

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***Corresponding Author**:
Kuo-Chen Chou,
Gordon Life Science Institute, Boston, Massachusetts 02478, United States of America.
E-mail: kcchou@gordonlifescience.org/kcchou38@gmail.com

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