

## **The Development and Provision of a Knowledge Management Ecosystem, Optimized for Genomics**

**Authors :** Matthew I. Bellgard

**Abstract :** The field of bioinformatics has made, and continues to make, substantial progress and contributions to life science research and development. However, this paper contends that a systems approach integrates bioinformatics activities for any project in a defined manner. The application of critical control points in this bioinformatics systems approach may be useful to identify and evaluate points in a pathway where specified activity risk can be reduced, monitored and quality enhanced.

**Keywords :** bioinformatics, food security, personalized medicine, systems approach

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