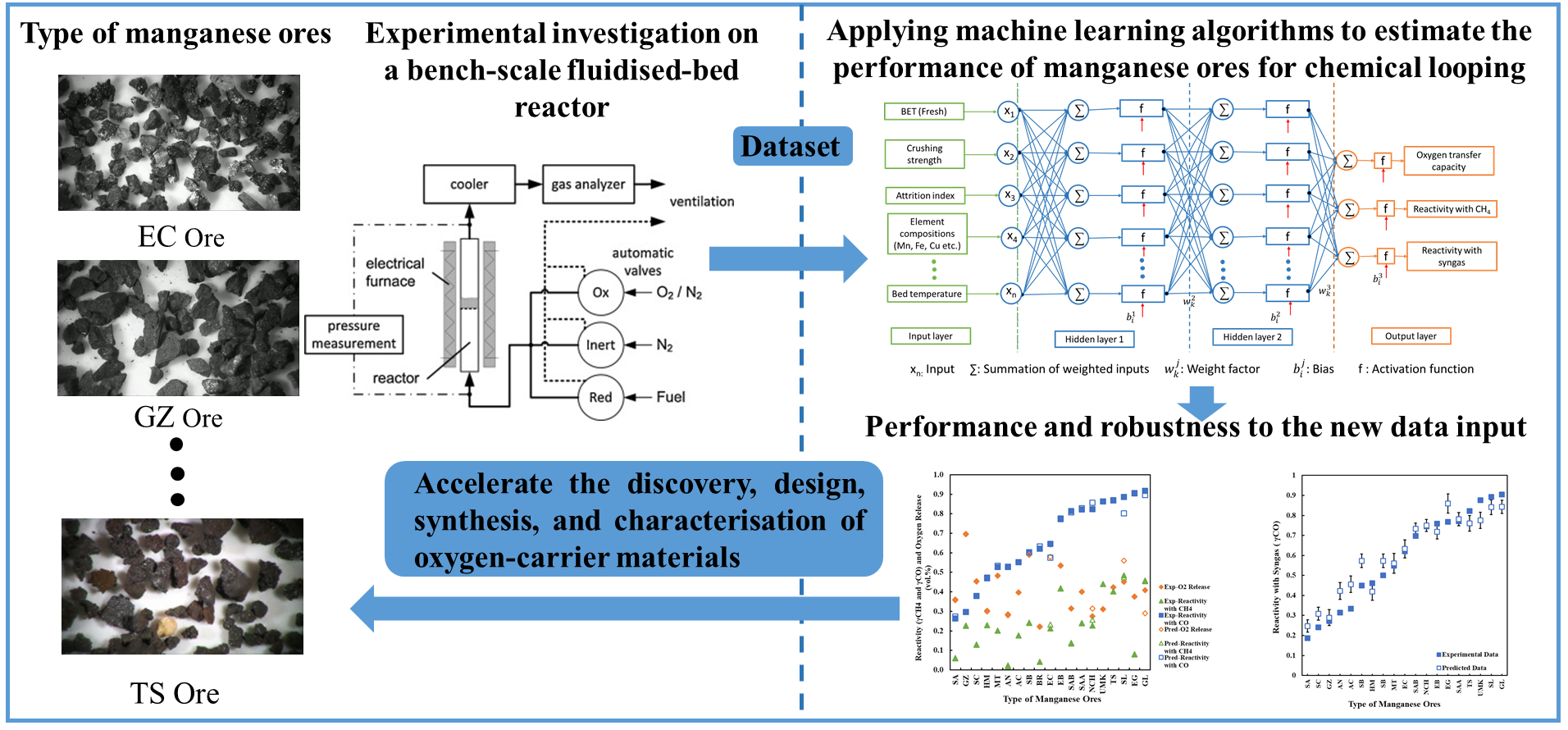
Applying machine learning algorithms in estimating the performance of heterogeneous, multi-component materials as oxygen carriers for chemical looping processes

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**Graphical Abstract**