



Success Story

Rapid Gene Diversification

The Technology

In most cases, the ideal gene or protein for a given biotechnological application cannot be found in nature and must be manufactured. A Flinders University researcher developed a new technology using a species of fungi that rapidly altered the structure of existing genes and proteins and thus enabled the development of multiple new and diverse molecules. When combined with a suitable selection screen this technology enables 'quick fire' identification and isolation of new molecules with improved function. This technology has direct application to the generation of new agents such as vaccines and monoclonal antibodies.

Our Partner

- Neugenesis Inc.

Research Team

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