



Compositions and Methods for Reducing the Rate of Type 1 Diabetes

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The Invention

A UW researcher has developed a method of supplementing the diet of infants to prevent the development of type 1 diabetes in children. This researcher also developed a synthetic insulin analog that prevents type 1 diabetes. He identified a few naturally occurring dietary molecules that can be given to infants from 4-6 months old at high risk of developing type 1 diabetes. These molecules modify insulin to prevent the immune system from recognizing the protein as foreign in these children at a time when the immune system is developing rapidly. This dietary supplementation should prevent the destruction of the pancreatic cells in these kids. The synthetic insulin peptide achieves the same results.

Additional Information

For More Information About the Inventors

- [Michael MacDonald](#)

Tech Fields

- [Therapeutics & Vaccines : Metabolic disorders](#)

For current licensing status, please contact Rafael Diaz at rdiaz@warf.org or 608-960-9847