

Human Beta Cell Destruction

Clayton Mathews, a researcher at the University of Florida has been able to capture human t-cells (white blood cells) attacking and destroying human beta cells (insulin-producing cells) modeling what happens in the body during an auto-immune attack. How did he and his team do it?

They used aerospace and materials engineering to create a new medium that suspends the cells in a 3-D space. This creates an environment where the t-cells are free to move around the beta cells as they would in the body.

The results are remarkable to watch.

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This document is not intended to take the place of the care and attention of your personal physician or other professional medical services. Our aim is to promote active participation in your care and treatment by providing information and education. Questions about individual health concerns or specific treatment options should be discussed with your physician.

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External Resources

[Companion Medical - InPen](#)

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