

Immobilization that makes a big difference

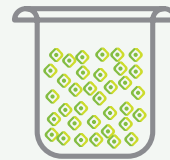
Zymtronix is a Cornell startup developing unique enzyme immobilization technology that optimizes all enzyme reactions to their full potential. By doing this the company is enabling next wave biocatalysis - allowing industrial scale biocatalysis without compromising on cost effectiveness or the activity of enzymes.

When Zymtronix was looking at diversifying its offering in enzyme carriers and developing advanced biocatalytic new tunable materials, CCMR provided matching funds for a collaborative project with Prof. Anil Netravali, Fiber Science. This enabled the company to achieve its goal: engineering enzyme-carrying materials that are compatible with processes for the manufacturing of chemicals.

"The CCMR benefits NY State companies such as Zymtronix not only by providing low-cost and timely access to world-class experts and instruments otherwise not available to startups with few resources but also by opening a growing entrepreneurial ecosystem of service providers. The CCMR also gave us the opportunity to present at the NYBIO 2017 annual conference and network with key companies. The panel resulted in new contacts with larger companies that will enable us to obtain new contracts and grow our business."

Stéphane Corgié, CEO, Zymtronix

The benefits of Zymtronix technology



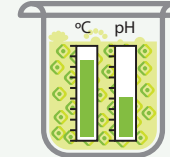
Reach higher loadings



Stabilize enzymes in even complex conditions



Achieve 100%+ enzyme activity



Enable easy reuse of both materials and enzymes

Zymtronix technology uses highly magnetic materials to deliver a unique method of enzyme entrapment. These materials self assemble and immobilize enzymes, without interfering with their individual properties. This allows Zymtronix to surpass industry standards in biocatalysis and achieve better results and greater returns.