



## GC3 Startup Network 4th Annual Technology Showcase Semi-Finalists

### **Akron Ascent Innovations**

[www.AkronAscent.com](http://www.AkronAscent.com)

Akron Ascent Innovations has developed a new adhesive technology platform offering a unique combination of high strength, excellent removability and reusability on a wide range of surfaces. The nanofiber-based dry adhesive offers a number of sustainable advantages compared to conventional adhesives for the consumer market, as well as industrial, electronic, and medical sectors.

### **Colorifix Limited**

[www.colorifix.com](http://www.colorifix.com)

Colorifix is committed to a more sustainable future for textiles and fashion. By engineering a revolutionary dyeing technology using synthetic biology, Colorifix converts agricultural byproducts into a wide range of colorants for textile dyeing. By removing all harmful chemistry from the process, we dramatically reduce the environmental impact of this highly polluting sector in a cost-effective manner.

### **Defunkify**

[www.defunkify.com](http://www.defunkify.com)

Defunkify believes that the toxins all of us put in, on and around our bodies matter. Starting from a clean slate, using the safest ingredients and then testing for performance as well as mixture toxicity, Defunkify makes cleaning products that are both high performance and eco-friendly.

### **EmulGreen**

[www.emul-green.com](http://www.emul-green.com)

EmulGreen addresses customer demand for high-performance natural emulsifiers that are biodegradable, non-toxic, mild to the skin and at the same time superior in performance. With our products, cosmetics and personal care manufacturers can reduce emulsifier quantities and increase shelf life.

### **Genecis Bioindustries Inc.**

[www.genecis.co](http://www.genecis.co)

Genecis Bioindustries is a bio-cleantech company that reprograms bacteria to make premium materials from low-value organic waste. With the syn-bio technology platform, Genecis is able to produce biodegradable polymers that can be used to make thermo-resistant packaging, compostable coffee pods and 3D printing filaments, while eliminating the use of fossil fuels in plastics production.

### **Iron Shell LLC**

Iron Shell LLC builds on its patented iron-based chemistry to develop carbon-negative materials with improved performance for the construction and energy markets. Applications for our petroleum-free

organo-metallic composites are being explored in roofing and wall systems, sealants, coatings, and renewable energy generation and storage.

#### **Magnomer**

[www.magnomer.com](http://www.magnomer.com)

Magnomer is a materials driven solution to the problem of low bottle recyclability. Magnomer's magnetizable coatings are a design tool for brands and plastic packaging manufacturers to enable cost-effective and scalable recyclability feature to their packaging design without supply chain disruptions.

#### **Performance BioFilaments Inc.**

[www.performancebiofilaments.com](http://www.performancebiofilaments.com)

Performance BioFilaments Inc. is focused on the commercialization of Nanofibrillated Cellulose, which is a new biomaterial produced from renewable forestry feedstocks. PBI has demonstrated significant benefits of this material in key target markets, such as concrete & mortars, industrial fluids, nonwovens, and polymers.

#### **Visolis, Inc.**

[www.visolisbio.com](http://www.visolisbio.com)

Visolis aims to displace petrochemicals with carbon negative materials by combining the best features of synthetic biology with chemical catalysis. Our platform molecules are produced from a variety of biomass feedstocks and create drop in replacements in industries like cosmetics, industrial solvents and plastics.

#### **VivaVax Inc.**

[www.VivaVax.org](http://www.VivaVax.org)

VivaVax Inc is an advanced materials & biotech company focused on protecting sensitive products during transportation and storage. Our external glass coating technology for the pharmaceutical, biotech, and beverage industries achieves the purposes of thermal insulation and glass strength without having to change the composition of the glass itself or come into contact with the product inside.

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#### ***About the GC3 Startup Network***

*The GC3 Startup Network is dedicated to accelerating the development and market adoption of green chemistry technologies by supporting the growth of green and bio-based startup companies. Leveraging the diversity of the GC3 membership, we are connecting startups and small companies with established chemical suppliers, brands, retailers, and investors who can serve as strategic partners to accelerate the development and growth of promising green and bio-based chemistry technologies. Established companies can tap into the startup network to identify new, strategic technologies, potential partners and investments.*