



Seevix Material Sciences

3D Bioprinting MAAGAD

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CTO

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Company history and assets

2002 to 2013



THE HEBREW
UNIVERSITY
OF JERUSALEM

- Research performed by the university
- Know-how accumulated
- Patent granted

Founded 2014



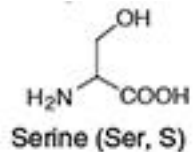
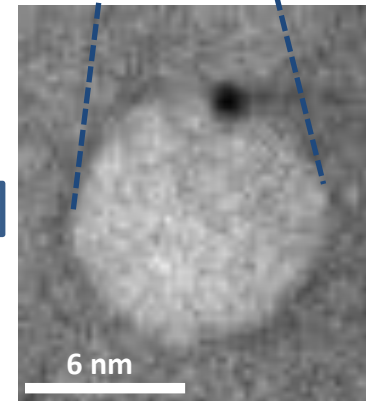
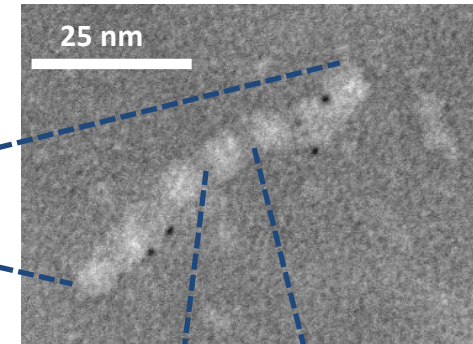
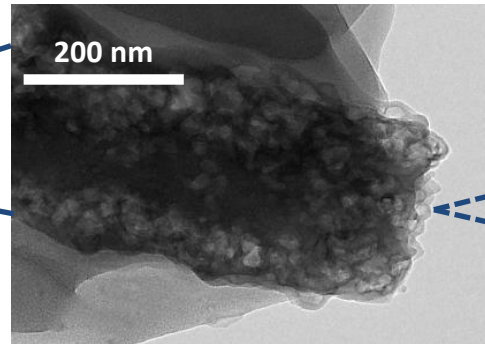
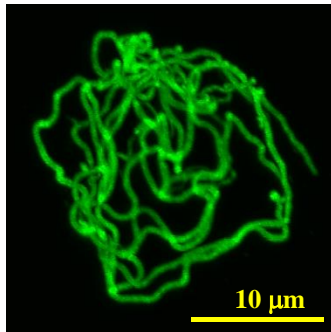
Seevix Material Sciences

- Proprietary intellectual property portfolio
 - Licensed Hebrew University patent
 - Additional PCT applications
- Multidisciplinary R&D team: biologists, chemists, engineers
- Advisors: key opinion leaders across the board
- Funding by private investors and Israel's Chief Scientist

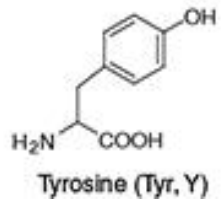
SVX architecture, from atoms to fiber



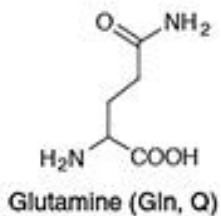
A single coiled fiber



80



32



16

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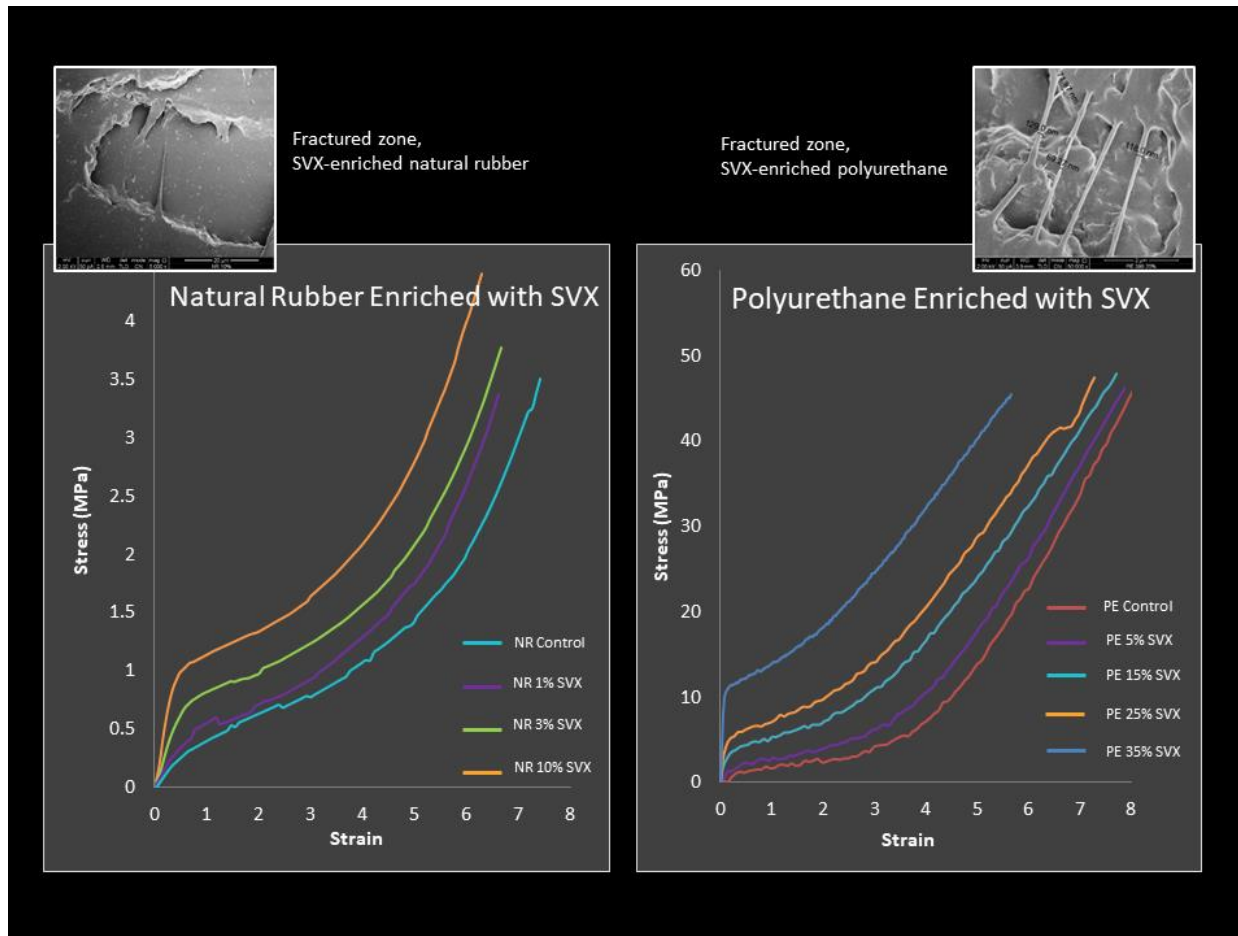
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A single monomer.
~720 amino acids

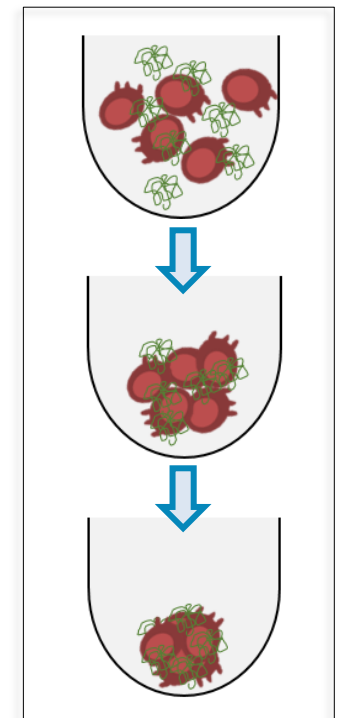
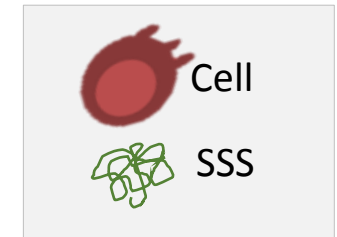
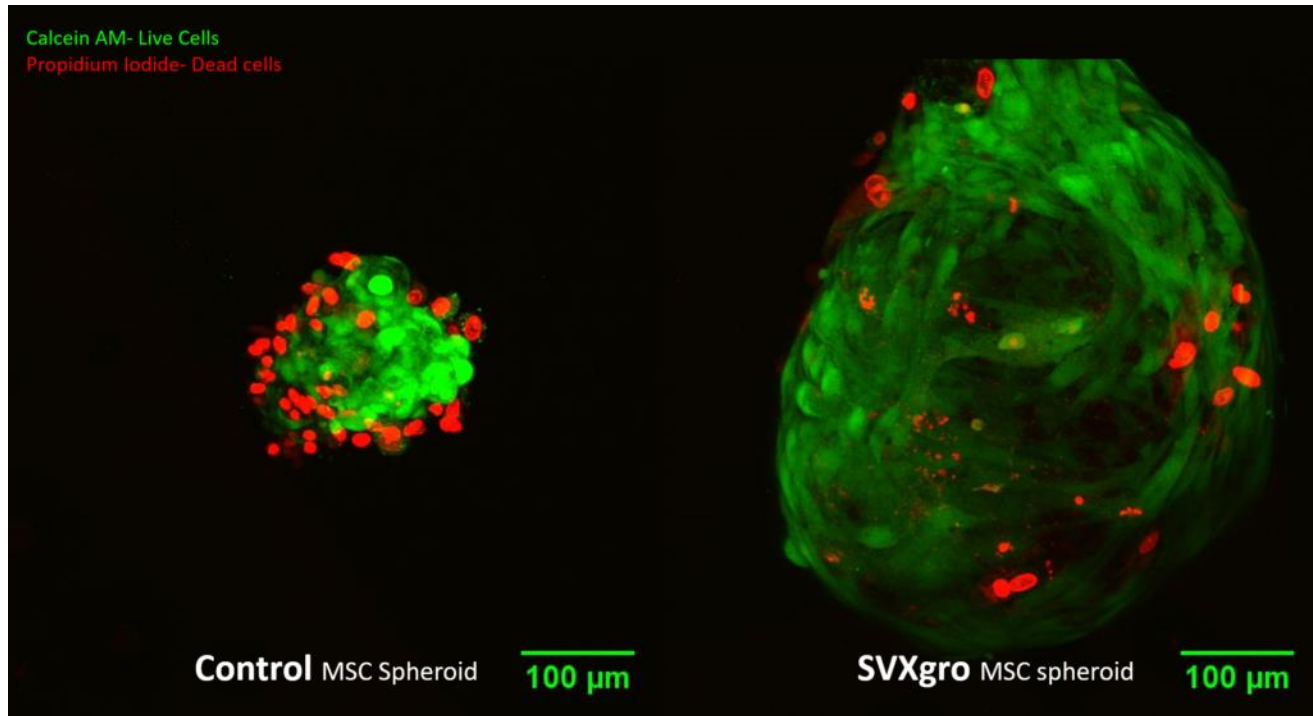


Dramatic and unique mechanical improvement



SVX as Personal Cell Scaffold (SVX™gro)

Our first product – Cell Scaffold reagent



Bio-printing Formulation Benefits From SVX

- ✓ Enhanced mechanical properties
- ✓ Enhanced biocompatibility
- ✓ Enhanced cell protection from shear forces during printing
- ✓ Enhanced viscosity (important for “self standing”)
- ✓ High U.V, thermal and chemical resistance (applicable for all kinds of formulations and printing methods)