



**The Robert H. Smith Faculty of Agriculture, Food and Environment,
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Prof. Oded Shoseyov.

A faculty member of the Hebrew University of Jerusalem. Prof. Shoseyov's research is in plant molecular biology protein engineering and nano-biotechnology. His group focus on Bio-Inspired Nanocomposite materials. He has authored or co-authored more than 160 scientific publications and is the inventor or co-inventor of 46 patents. Prof. Shoseyov received the *Outstanding Scientist Polak Award* for 2002, the 1999 and 2010 *Kay Award for Innovative and Applied Research* and The 2012 *Israel Prime Minister Citation for Entrepreneurship and Innovation*. He is the scientific founder of 10 companies. Among them are:

- Collplant Ltd an agro-biotech/regenerative medicine company producing human recombinant Type I collagen in transgenic plants for medical implants used in tissue repair. www.collplant.com
- Biobetter Ltd. an agro-biotech company producing therapeutic antibodies in tobacco plants.
- CannTech Ltd. a medical cannabis company developing products to assure product standardization and consistency including hand held remote sensor with smartphone application for end users, flower sorter and hybrid seeds.
- Fulcrum Materials Ltd. A nano-biotech company manufacture of SP1-Carbon Nano Tube coated fabrics for the composite industry. www.fulcrumnano.com
- CBD-Technologies/FuturaGene. A forestry agro-biotech company that develop and commercialize transgenic trees for the pulp and paper and the bio-fuel industry. www.futuragene.com
- Melodea Ltd. A nano-biotech company develop and manufacture Nano Crystalline Cellulose from sludge (paper industry and municipal sludge systems)

for structural foam and fuel for combustion and jet engines as well as explosives. www.melodea.eu

- Valentis Nanotech. Ltd. A nanotechnology company develops and manufacture nano-bio-based transparent films for food packaging and agriculture. <http://valentis-nano.com/>
- Paulee CleanTec Ltd. Paulee CleanTec aims to be the world leader in the collection and disposal of pet waste through its brand AshPoopie, and to branch out to human waste treatment with future products that similarly turn feces into odorless, sterile ash. <http://www.ashpoopie.com/>