



## ArthroSave

**Company Description:** ArthroSave provides a medical device for a joint saving surgical treatment for relatively young patients with painful knee joint damage (osteoarthritis). Today no adequate joint-preserving treatment is available for these patients. ArthroSave is a promising company in a large and growing market with benefits for patient and healthcare system.

**Potential Impact:** With ArthroSave's KneeReviver you save your own knee and reduce healthcare costs.

**University:** UMC Utrecht

**Team:** Karianne Lindenhovius, Floris Lafeber, Peter van Roermund

**Website:** <http://www.arthrosave.com>

## LipoCoat

**Company Description:** Contamination of medical devices causes 50% of healthcare infections. Current technologies—drugs or nanoparticle-based—provide marginal improvements. LipoCoat BV, est. sep-2016, is the result of research at the University of Twente and designs & develops drug-less, bio-inspired coatings that prevent contamination and improve device performance.

**Potential Impact:** First products are ready for sale in Q4 2019 Reducing healthcare infections by Increasing comfort, safety and performance of medical devices using LipoCoat coatings

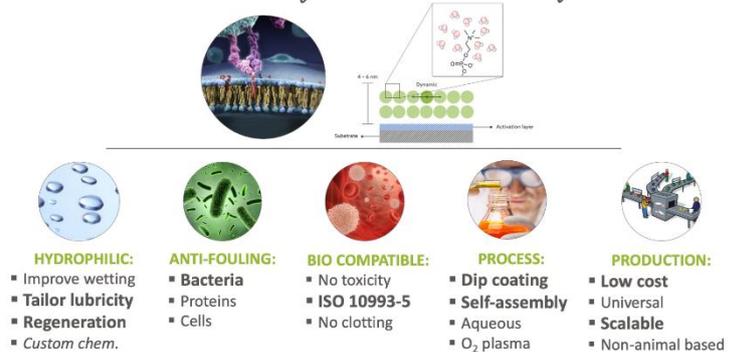
**University:** University of Twente

**Team:** Jasper van Weerd, Marcel Karperien, Pascal Jonkheijm, Alain le Loux, Raoul Oostenbrink

**Website:** <http://www.lipocoat.com>

## LIPOCOAT® COATINGS

*"A 5 nanometer coating that mimics the outside of a cell"*



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## Mosa Meat

**Company Description:** Mosa Meat develops tissue engineering towards a technology that can mass-produce safe and affordable meat.

**Potential Impact:** Significantly reduce the huge footprint of meat

**University:** Maastricht University

**Team:** Mark Post, Peter Verstrate

**Website:** <http://www.mosameat.com>

## Amphera

**Company Description:** Amphera is an advanced clinical-stage biotechnology company developing dendritic cell therapies to treat cancer. Amphera has three ongoing clinical programmes with MesoPher—its personalized immuno-oncology cell therapy, comprised of autologous dendritic cells loaded with PheraLys, its proprietary allogeneic lysate of cancer cell lines.

**Potential Impact:** Develop a new treatment for mesothelioma, a therapy resistant cancer caused by asbestos

**University:** Erasmus MC

**Team:** Ilona Enninga PhD, Rob Meijer, Prof Joachim Aerts PhD MD

**Website:** <https://www.amphera.nl>

## Stentit

**Company Description:** Stentit aims to restore diseased arteries using regenerative stents. These unique bioresorbable devices allow for minimally invasive implantation to provide instant support to the lesion while triggering a natural healing response using the patient's own circulating blood cells to reconstruct a whole new artery.

**Potential Impact:** Vascular regeneration will improve long-term clinical outcomes for millions of patients while reducing health-care costs.

**University:** Eindhoven University of Technology

**Team:** Sol Cabrera and Bart Sanders

**Website:** <http://www.stentit.com>



## VSParticle

**Company Description:** VSParticle is a leading technology supplier for the production of nanoparticles.

**Potential Impact:** Nanoparticle-based production will enable a paradigm shift in how we look at high-tech materials and products.

**University:** TU Delft

**Team:** Aaike van Vugt, Tobias Pfeiffer, Tobias Coppejans and Vincent Laban

**Website:** <https://www.vsparticle.com/>

## Kepler Vision Technologies

**Company Description:** Kepler develops Artificial Intelligence that looks after the well-being of humans. Our first product is the “Man Down” detector which sends an alarm if it recognizes a human needs help. The solution has many applications in different industries. Our current focus is to help elderly live at home longer.

**Potential Impact:** Body language recognition addresses the elderly care time bomb by allowing your parents to age at home.

**University:** University of Amsterdam

**Team:** Harro Stokman, Marc van Oldenborgh, Cees Snoek, Arnold Smeulders

**Website:** <https://www.keplervision.eu>



## FINDEST

**Company Description:** A technology scouting service that combines human- and artificial intelligence to find technologies for R&D-challenges

**Potential Impact:** 10.000 innovations in 10 years

**University:** Vrije Universiteit Amsterdam

**Team:** Roel Boekel & Vincent Franken

**Website:** <https://www.findest.eu/>

## Confocal.nl

**Company Description:** Confocal.nl is aiming to innovate the microscopy industry with our plug-and-play feature microscope including the re-scan invention. Our new microscope has an improved resolution and strongly improved sensitivity than most confocal microscopes, and will be available as a highly affordable and easy to use device.

**Potential Impact:** Our Near InfraRed confocal microscope (RCM-NIR) will change cancer diagnostics!

**University:** University of Amsterdam

**Team:** Erik Manders/ Peter Drent

**Website:** <http://www.confocal.nl/>



## CardiacBooster

**Company Description:** CardiacBooster is developing the next generation percutaneous cardiac assist device. The device will help physicians to support patients' hearts through periods of hemodynamic distress such as cardiogenic shock and/or high risk PCI (percutaneous cardiac/coronary procedures).

**Potential Impact:** Lowering mortality associated with cardiogenic shock.

**University:** Radboud

**Team:** Daniël van Dort Radboud

**Website:** <http://www.cardiacbooster.com>