Solving the Mesh

Implantable mesh to treat pelvic organ prolapse

In the Western world, approximately 700,000 pelvic floor operations are performed annually. One third out of these operations are done using a mesh (often polypropylene). The current products have several drawbacks, they cause incompatibility issues with human tissue, resulting pain, infections, mesh erosion etc. Several product lines have been banned and withdrawn from market by FDA and by several other countries. Our new biomaterial has been found to be non-toxic and high potential as an implant. Our goal is to commercialize this material to be used as an mesh to treat pelvic organ prolapse. The invention has high impact on the standards of living of thousands women worldwide as the amount of women suffering from prolapse will keep continuing to increase as the population ages.

Jani Kuula

Jani Kuula is a serial entrepreneur. He has developed businesses dealing with laboratory equipment,machine learning and ICT. He has commercialized one laboratory-sampling product from scratch. Jani was a member of one VTT spin-off, which was established after a TUTL - project, being responsible of marketing, sales and customer contacts of this company. Jani has also sold one business, which he established and build.

Eija Raussi-Lehto

Eija Raussi-Lehto is RN, Midwife, MSc (Health Care) and has accomplished the following degrees: Degree of Ministry of Education, Human resource management degree and Specialist Vocational Qualification in Product Development. Work as senior lecturer at Metropolia UAS is an integral part of commercial service and business planning and implementation. Eijas core competency is in sexual- and reproductive health and womens´ health.

SPARK VALUE: We expect the SPARK program to expand our networks and to help us to find connections for the commercialization. We also hope to have holistic mentoring and hear business cases to learn from previous mistakes and successes.