

Kuopio Centre of Expertise



BioSA work shop

Dr. Ilpo Kuronen, OSKE Health and well-being cluster coordinator

Kuopio Science Park

KUOPION TIEDEPUISTO



Kuopio Science Park

- Skills and expertise in the fields of **Health, Environment and Wellbeing**, reinforced by **ICT** and **sensory technology**
- Premises located in the area
 - University of Kuopio, Savonia University of Applied Sciences, Kuopio University Hospital and several national research institutes
 - Over 200 high tech Enterprises
- Over 19 000 persons working or studying in the Science Park
- More information: www.investinkuopio.fi



Centre of Expertise, Kuopio Region

Food and Nutrition

- Functional food: research, development, production
- Food safety
- Nutrition
- Nutrigenomics

*Development manager
Marja-Leena Laitinen*

HealthBio

- Biotechnological applications in health care
- Molecular medicine
- Pharmaceutical development
- Clinical research
- Biomaterials

*Development Director
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Well-being

- eHealth
- Diagnostics
- Medical equipment and information systems in health care
- Measurement of biosignals

*Health and well-being cluster,
Program Director Ilpo Kuronen*

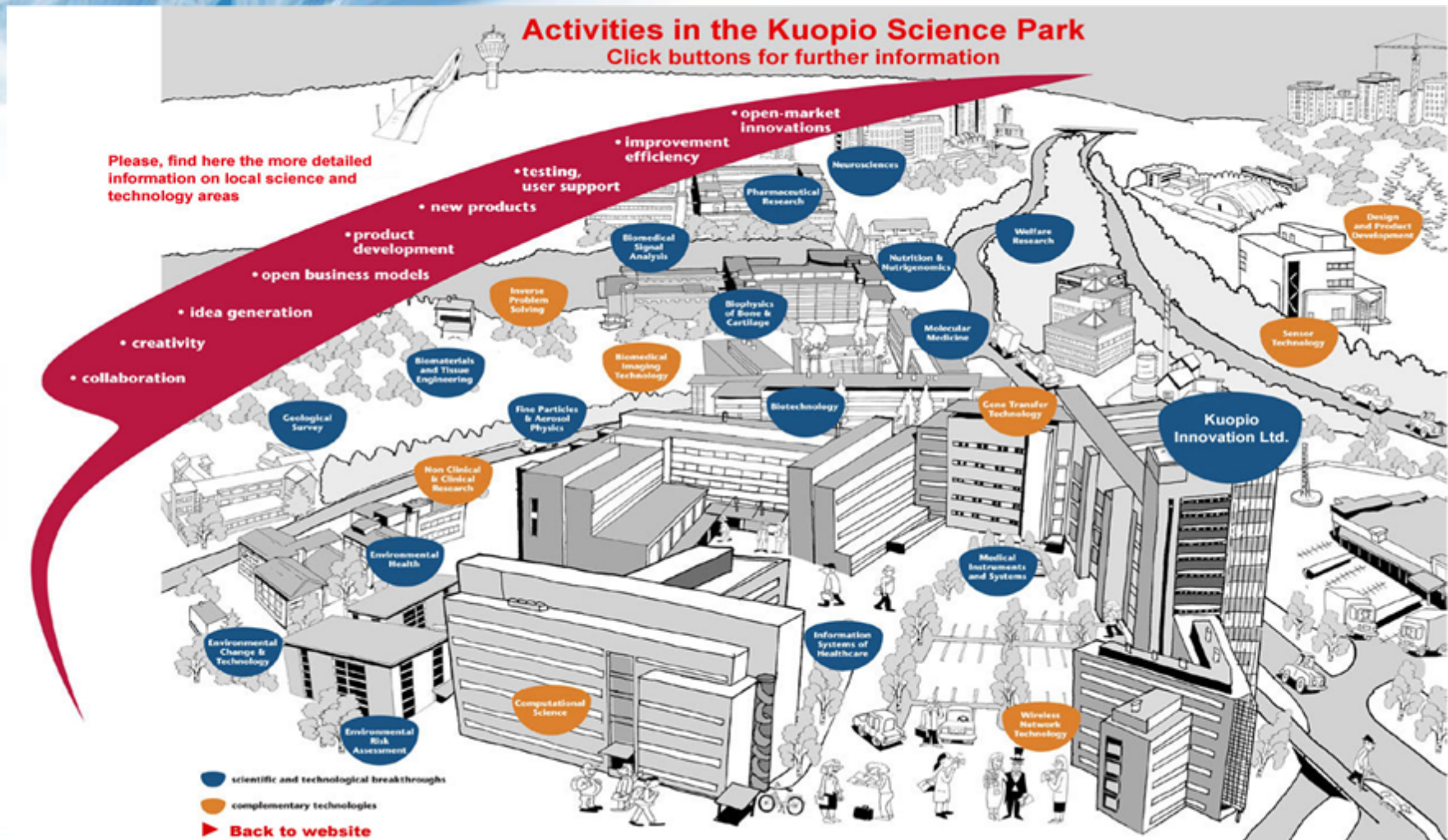
*Development Manager
Ilkka Vartiainen*

Environmental Technology

- Environmental health
- Environmental safety
- Environmental risk assessment
- Environmental monitoring, sensory technology

*Program Director
Anneli Tuomainen*

Kuopio Science Park, innovation magnet



Companies in Kuopio Region

Sector	Companies			Work places			New Companies		
	12/07	12/06	12/05	12/07	12/06	12/05	12/07	12/06	12/05
Food	23	25	34	1175	1057	1102	1	2	
HealthBIO	24	27	16	314	303	297		5	1
Well-being	44	43	35	523	475	444	4	4	4
Environmental	34	35	-	1184	1100	-	2		
Yht.	125	130	85	3196	2935	1835	7	11	5

Bio- and well-being companies in Kuopio Region



Honeywell



finno**o**medo



GE Healthcare





Ark is a specialist healthcare group with operations in the UK and Finland. Ark focuses on areas of high unmet clinical need in vascular disease, wound care and cancer, where opportunities exist for effective new products to generate significant revenues. With three marketed devices, Kerraboot®, Kerraped® and Flaminal®, three further lead pharmaceutical products in late stage clinical development: Cerepro®, Vitor™ and Trinam® and an advanced pipeline of follow-on opportunities, Ark is becoming recognised for the strength of its portfolio and for the consistent progress it makes in its business operations.



REAGENA Ltd, developer and manufacturer of reagents & test kits

Reagena produces numerous reagents and test kits for the health care and industry. Our lead products include novel ReaMobile™ diagnostic platform, serodiagnostic rapid tests, ready-to-use staining solutions and many others. Our industrial customers come from life sciences, to which REAGENA supply a range of custom tailored products to be used in production, quality control, product development and analytics. Our new premises in the central Finland is equipped with the state-of-art facilities for the product development, manufacturing and logistics.





Jurilab is dedicated to applying its proprietary discoveries of genes and genetic markers associated with the root cause of common diseases and drug response across healthcare. It is our vision that every person will, at some point in their life, experience the benefit of Jurilab's work on gene-disease associations.

Combining access to the unique East Finland founder population with state-of-the-art technologies, the company has gone far beyond initial gene discovery and biochemical services to providing genetic markers for mainstream and niche applications. The current focus of Jurilab's work is in the genetic background of metabolic diseases, often described under the umbrella of Metabolic Syndrome, including hypertension, type 2 diabetes, obesity and dyslipidemia. The product emphasis is on disease predisposition tests, which will support the advent of personalized medicine and nutrition, and on human-validated drug targets.



eHIT Ltd specializes in best quality software products and customer projects. Our customers and partners consist of companies and public organizations within the healthcare and wellness industries.

eHIT Ltd specializes in eHealth and eWellness solutions where end users actively participate in the maintenance of their own health. These solutions include self care, home care, and occupational health.



Medikro develops, manufactures and markets medical instruments and systems for physiological data acquisition and processing to meet rapidly developing demands of the medical community. A new generation of spirometers represents number of technological innovations in PC-based spirometry. Pulmonary products form the core of the product range. The company believes in the commitment to serve the clients and patients with quality products and service.





Foodfiles is a contract research organization (CRO) in the field of nutrition. We perform clinical studies and regulatory services for food and pharmaceutical industry to support their research and development activities.

We produce clinical research services on efficacy and safety of functional food or functional food ingredients. We act as a professional study site in clinical studies with pharmaceutical products in nutrition related indication areas like diabetes, obesity, lipid disorders and blood pressure.



Applied Research and Service Centers

A.I. Virtanen Institute
Molecular sciences (www.uku.fi/aivi)

Biocenter Kuopio
Joint research between Universities and faculties

BioMater Centre
Material testing, microscopy, microanalysis and hard tissue lab services (www.uku.fi/biomater)

Centek Labs
Sensor technology R&D environment (www.centeklabs.fi)



Applied Research and Service Centers

Clinical Research Centre

Focus on diagnostics, treatment and prevention of atherosclerosis, neurological diseases, diabetes, vascular diseases, obesity and bone and cartilage (www.uku.fi/crc)

Drug Research and Development Centre

Focus on drug design and synthesis, non-clinical pharmacology, drug analysis, in vitro biopharmaceuticals, formulation development, pharmacokinetics, pharmaceuticals policy and economics (www.uku.fi/flk)

Environmental Monitoring Laboratory

Focus on developing new methods for analyzing and monitoring the environment (www.uku.fi/en)



Applied Research and Service Centers

Food and Health Research Centre

Aims to promote the health benefits of food and prevent chronic diseases by dietary means (www.uku.fi/ettk/uk)

Heath Kuopio

Multidisciplinary consortium of key players around well-being (www.tervekuopio.fi)

Kuopio Welfare Research Center

Multidisciplinary R&D center focusing on welfare services

Possible connections hooked up so far:

LabLife's expertise on targeted biomolecules – Finnish platforms for point-of-care diagnostics – combined business model (joint venture) – gateway to African markets – escalation to EU markets.

DNABiotec – Jurilab consortium: Business model on how to incorporate research on genetic material restricted to certain population.

Contact:

Thank you for attention

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