

HORIZON 2020

HEALTH PARTNERING DAY 2017

HEALTH, DEMOGRAPHIC CHANGE & WELLBEING



7 DECEMBER 2017, BRUSSELS

Session 1 | Better Health and care

ModiQuant technology: Quantitative assessment
of modified proteins

Massimo Papale, PhD

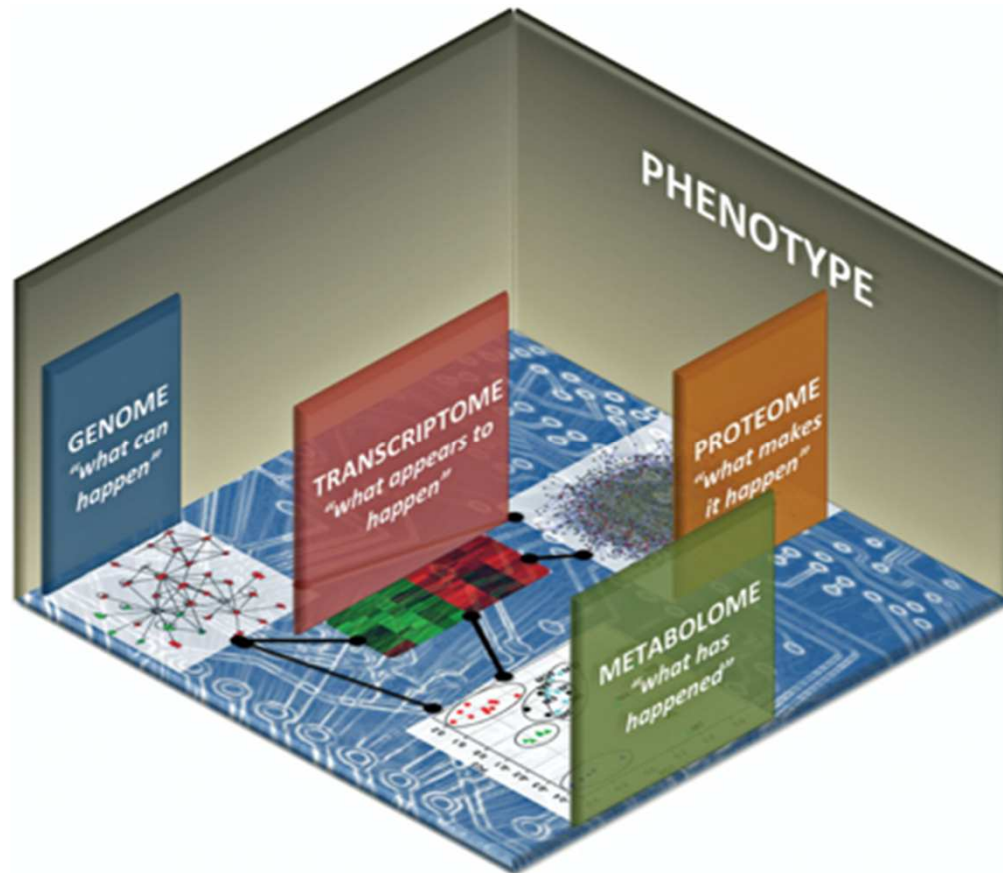
Fluidia s.r.l. (SME- Italy)

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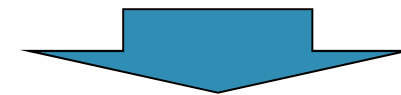


The Opportunity

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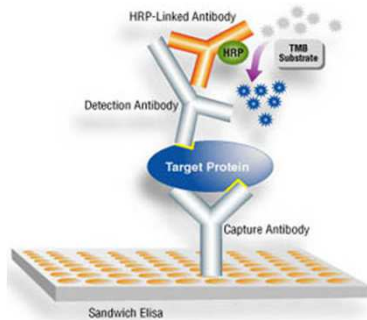


New Technologies are helping us to decipher molecular mechanisms of human diseases....but we need to translate these knowledge into new products



Focus on Proteins Post Translational Modifications (PTMs)

Company expertise/skills



We have developed and patented a **replicable** and **scalable** method that allows the quantitative assessment of native and post-translationally modified (e.g. phosphorylated) proteins

Our approach is

Cheap

Accurate

Easy

Innovative

And useful for

Setup of IVDs test

Quantitative analysis of intracellular signalling

Characterization of drugs' targets

Our products

The R/p-R test: A “sandwich” immunoassay specifically designed to assess quantitatively and in parallel both native and phosphorylated form of Raf Kinase Inhibitor Protein (RKIP)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

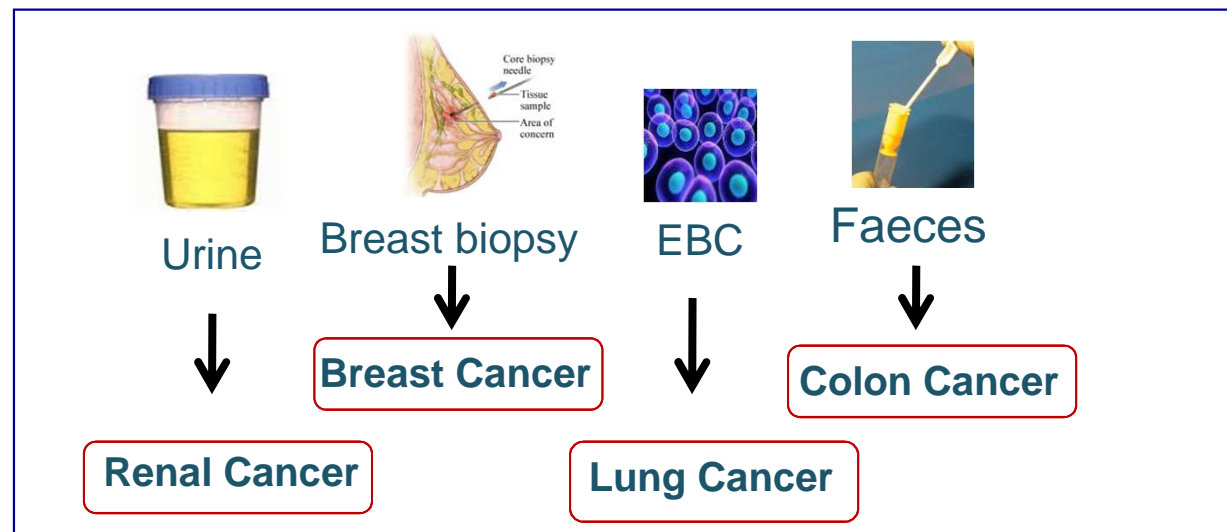
International application No. PCT/IB2017/051628

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	<u>1-10</u>
	No: Claims	
Inventive step (IS)	Yes: Claims	<u>1-10</u>
	No: Claims	
Industrial applicability (IA)	Yes: Claims	<u>1-10</u>
	No: Claims	

POTENTIAL APPLICATIONS
Early diagnosis and prognosis of specific cancer types



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SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine

SC1-BHC-09-2018: Innovation platforms for advanced therapies of the future

SC1-BHC-25-2019: Demonstration pilots for implementation of personalised medicine in healthcare

Keywords

Biomarkers, Precision Medicine, PTMs, IVDs

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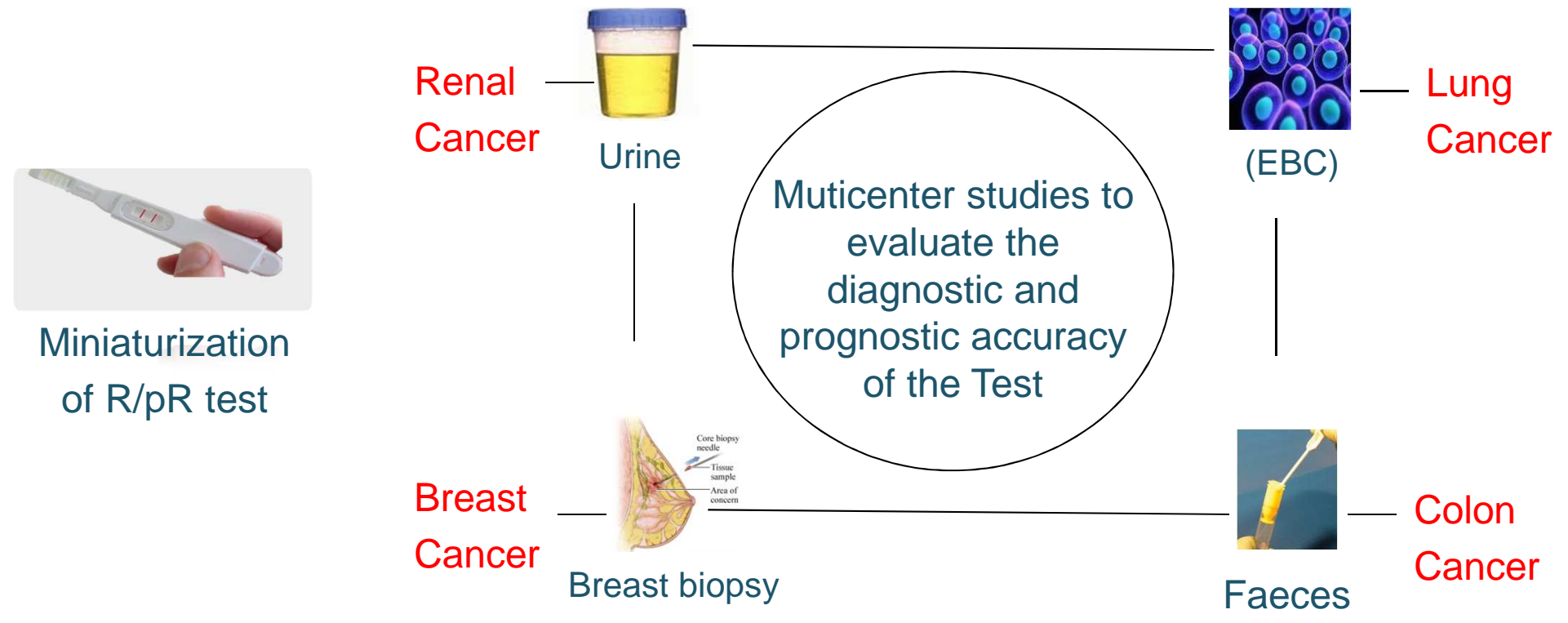
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AIM 1: project proposal



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AIM 2: Expertise offered

Have you found a PTM protein and you want to assess it quantitatively ?



We can apply our technology to develop a **custom quantitative assay** for your specific needs!



We are located at Dept. of
Emergency and Organ
Transplantation of the Policlinic
University Hospital of Bari (Italy)

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