



## **Grant from MyMilk Laboratory**

MyMilk laboratory is an innovation center for human milk analysis and related R&D. MyMilk offers direct to customer testing for various aspects, from early detection of breastfeeding related complications such as delayed lactogenesis and mastitis diagnosis towards milk nutritional profiling. MyMilk tests are validated and are performed in an ISO15189 accredited medical laboratory. MyMilk Academic Consortium is aimed at advancing basic human milk research in the academy.

### **CALL FOR RESEARCH PROPOSALS IN THE FIELD OF BREAST MILK NUTRITIONAL COMPOSITION**

**3 leading research groups will receive 30,000\$ worth of breast milk testing kits.** The goal is to fast-track a human milk based study with great potential for discoveries meaningful to infant health.

**Human milk is the gold standard of infant nutrition. Health authorities strongly recommends on exclusive breastfeeding for the first 6 month and continued breastfeeding for at least 1 year. Human milk contains numerous bioactive components, dynamically change with infant and maternal status.**

MyMilk nutritional profiling includes breast milk testing for Vitamin B12, Vitamin B6, Vitamin A, Vitamin B1, Vitamin B2. Milk sampling kits designated for collection and preservation of human milk sample are included.

The granted research group will collect the breast milk from groups-of-interest using MyMilk sampling kits, and MyMilk laboratory will profile the nutritional composition of the samples. Researcher will get a login to my milk research platform, where he can view sample results and fill professional reports. A DATA file containing results and personal and professional information will be provided as well.

**Applications must have a high social impact.** Priority will be given to applications addressing risk factors affecting breast milk nutritional composition, such as:

- Specific maternal medical condition and disease (gut disease or surgery, Hypo- or hyperthyroidism, anemia, diabetes, obesity, AND MORE)
- Specific Maternal diet & habits (veganism/smoking/gluten free/weight loss/probiotics AND MORE)
- Infant status and lactation age (preterm/toddler/infant medical condition AND MORE)

Application Deadline: first grant 31-4-2016; second grant 31-6-2016; third grant 31-8-2016.

Announcement of the winners will be within 1 month from each deadline.

Proposals should be submitted online to MyMilk Academic Consortium Grant Application program via [www.mymilklab.com/grant-application](http://www.mymilklab.com/grant-application)

\*According to term and the conditions public on MyMilk submission platform.