

## SUPPLEMENTARY MATERIAL

### Milk sample deliveries

In China, mothers were asked to deliver a breast milk sample of at least 20 mL during their visit to the hospital at day 30, 60 and 90 postpartum. In Denmark, mothers were given the opportunity to deliver a breast milk sample when their infant was seen for the first examination approx. three months postpartum as part of the Odense Child Cohort. The mothers were asked to deliver 30 mL if possible. In Japan, mothers were given the opportunity to deliver a breast milk sample when their infant was seen for the first examination approx. one month postpartum as part of the Japanese Human Milk Study in Japan. Healthy, breastfeeding mothers and infants aged less than 60 days were included in the study if the delivery of a breast milk sample would not disturb the breastfeeding. The use of a breast pump was mandatory, and the mothers were asked to deliver 20 mL (after breastfeeding their infant) for seven consecutive days if possible. In Korea, mothers from postpartum care centers (*joriwon*), baby fairs and breastfeeding seminars were given the opportunity to deliver a breast milk sample when their infant was seen for the first examination approx. five weeks postpartum as part of the activities of the Maeil Asia Human Milk Research Center (MAHRC). The mothers were asked to deliver 45 mL if possible.