

Supplementary Material

Birth Weight, Head Circumference, and Prenatal Exposure to Acrylamide from Maternal Diet: The European Prospective Mother-Child Study (NewGeneris)

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Recruitment and ethical approval

Pregnant women were enrolled in Denmark, England, Greece, Norway and Spain, 2006-2010 (Supplementary Material, Table S1). The study was approved by the Regional Ethical Review Board in Stockholm, Sweden (Reference No. 2007/631-31).

The Danish biobank studies were approved by the Capital Region of Denmark (Reference No.: J. Nr. H-KF-01-327603; J. Nr. KF-11-260063 and J. Nr. H-B-2009-030) and notified to the Danish data protection agency (Reference No.: J. Nr. 2007-41-0415 and J. Nr. 2009-41-3763).

The RHEA studies were approved by the ethical committee of the University Hospital in Heraklion, Crete, Greece (Reference No.: 96-6/2/2007).

The MoBa sub-cohort BraMat studies were approved by the Norwegian Regional Committee for Medical and Health Research Ethics (Reference No.: S-06437a) and notified to the Data Inspectorate (Reference No.: 07/00154). The MoBa sub-cohort BraMiljø studies, has been approved by the Regional Committee for Medical Research Ethics (S-07133a) and the Data Inspectorate in Norway (07/00396-3/rvb).

The INMA sub-cohort studies were approved by the Clinical Research Ethics Committee (CEIC; Comité Ético de Investigación Clínica) of Barcelona (Reference No.: 2005/2106/1).

At this time notification to the Spanish Data Protection Agency was not required.

The BiB sub-cohort studies were approved by the Bradford Local Research Ethics Committee, Bradford, the United Kingdom (Reference No.: 07/H1302/65) and also participants were part of the Born in Bradford main birth cohort.

Supplemental Material, Table S1. Study protocol on recruitment and data collection

| Location | Period of recruitment | Methods of recruitment | Hospital(s), City | Inclusion criteria | Maternal blood | Questionnaires | Follow-up |
|---------------------------------|----------------------------------|---|---|--|---|---|-----------|
| Denmark, Copenhagen | December, 06 to December, 07 | Written & oral invitation in end pregnancy | University Hospital of Copenhagen, Greater Copenhagen | >18 years Singleton deliveries planned Caesarean section deliveries Wednesdays, 8 am to 12 am | Pre-delivery (day of delivery) | Full pregnancy Collected around birth Partly supported ¹ | No |
| | September, 09 to December, 09 | Oral & written invitation in end pregnancy | University Hospital of Copenhagen, Greater Copenhagen | >18 years All deliveries Monday to Friday | Pre-and post- delivery (day of delivery) | Full pregnancy Collected after birth Self administrated | Yes |
| Greece, Heraklion | February 07 to February 08 | Oral invitation at the first prenatal visit at or before week 15 of pregnancy | Venizeleion Hospital, University Hospital, Mitera maternity clinic, Asklepion Hospital, Heraklion | > 16 years All deliveries Residence in study area No communication handicap All days | Pre- and post- delivery (day of delivery) | First half of pregnancy Completed at mid pregnancy Administered by a trained research nurse | Yes |
| Norway, Oslo and Akershus | April, 07 to March, 08 | Written invitation of women already enrolled in MoBa (The Norwegian Mother and Child study) in week 37 of pregnancy | Akershus and Ullevål University Hospital, Akerhus and Oslo | All ages All deliveries All days | 0 to 3 days post- delivery | Full pregnancy Collected in week 22 and 37 Self administrated | Yes |
| | October, 07 to July, 08 | | Ullevål University Hospital, Oslo | All ages All deliveries Monday to Friday 5 am to 6 pm | 0 to 2 days post- delivery | | No |
| Spain, Sabadell | May, 07 to June, 07 | Oral invitation in end pregnancy | Hospital Parc Taulí, Sabadell | >15 years Singleton deliveries Monday to Friday, 7 am to 10 pm | Pre-delivery (day of delivery) | Full pregnancy Collected at the time of delivery Partly supported | Yes |
| Barcelona | October, 08 to March, 10 | Oral invitation at the time of delivery | Hospital del Mar, Barcelona | >16 years Singleton deliveries Monday to Fridays 4 am to 4 pm | Post-delivery (day of delivery) | | No |
| England, Bradford | January, 08 to December, 09 | Written and oral invitation to the Born in Bradford study in 26 to 28 weeks of pregnancy | Bradford Royal Infirmary, Bradford | >16 years Planned Caesarean section deliveries Monday to Friday | Post-delivery (day of delivery) | Full pregnancy Collected in weeks 26 to 28 and during last 4 weeks of pregnancy Partly supported | Yes |

¹Partly supported by trained interviewers.