



Special issue

# **Design, methodology and first results of the dietary and lifestyle-induced health effects in children and infants (IDEFICS) study**

Volume 35 • Supplement 1 • April 2011

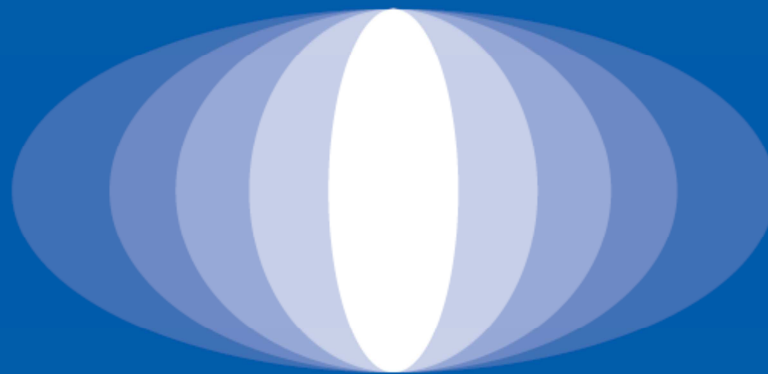
Guest editors: Angie S. Page, Brigitte M. Winklhofer-Roob

Volume 35 Supplement 1 April 2011

[www.nature.com/ijo](http://www.nature.com/ijo)

## **International Journal of Obesity**

Journal of the International Association for the Study of Obesity



**Identification and prevention of dietary- and lifestyle-induced health effects in children and infants:**

**Design, methodology and first results of the IDEFICS study**

**Guest Editors:**

**Angie S Page and Brigitte M Winklhofer-Roob**



nature publishing group 

## Original articles

1. Ahrens W, Bammann K, Siani A, Buchecker K, De Henauw S, Iacoviello L, Hebestreit A, Krogh V, Lissner L, Mårild S, Molnár D, Moreno LA, Pitsiladis YP, Reisch L, Tornaritis M, Veidebaum T, Pigeot I; IDEFICS Consortium. The IDEFICS cohort: design, characteristics and participation in the baseline survey. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S3-15. doi: 10.1038/ijo.2011.30.
2. De Henauw S, Verbestel V, Mårild S, Barba G, Bammann K, Eiben G, Hebestreit A, Iacoviello L, Gallois K, Konstabel K, Kovács E, Lissner L, Maes L, Molnár D, Moreno LA, Reisch L, Siani A, Tornaritis M, Williams G, Ahrens W, De Bourdeaudhuij I, Pigeot I; IDEFICS Consortium. The IDEFICS community-oriented intervention programme: a new model for childhood obesity prevention in Europe? *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S16-23. doi: 10.1038/ijo.2011.31.
3. Wickins-Drazilova D, Williams G; IDEFICS Consortium. The ethics of evaluating obesity intervention studies on children. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S24-9. doi: 10.1038/ijo.2011.32.
4. Lanfer A, Hebestreit A, Ahrens W, Krogh V, Sieri S, Lissner L, Eiben G, Siani A, Huybrechts I, Loit HM, Papoutsou S, Kovács E, Pala V; IDEFICS Consortium. Reproducibility of food consumption frequencies derived from the Children's Eating Habits Questionnaire used in the IDEFICS study. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S61-8. doi: 10.1038/ijo.2011.36.
5. Huybrechts I, Börnhorst C, Pala V, Moreno LA, Barba G, Lissner L, Fraterman A, Veidebaum T, Hebestreit A, Sieri S, Ottevaere C, Tornaritis M, Molnár D, Ahrens W, De Henauw S; IDEFICS Consortium. Evaluation of the Children's Eating Habits Questionnaire used in the IDEFICS study by relating urinary calcium and potassium to milk consumption frequencies among European children. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S69-78. doi: 10.1038/ijo.2011.37.
6. Bammann K, Sioen I, Huybrechts I, Casajús JA, Vicente-Rodríguez G, Cuthill R, Konstabel K, Tubiães B, Wawro N, Rayson M, Westerterp K, Mårild S, Pitsiladis YP, Reilly JJ, Moreno LA, De Henauw S; IDEFICS Consortium. The IDEFICS validation study on field methods for assessing physical activity and body composition in children: design and data collection. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S79-87. doi: 10.1038/ijo.2011.38.
7. Horner FE, Rayson MP, Bilzon JL; IDEFICS Consortium. Reliability and validity of the 3DNX accelerometer during mechanical and human treadmill exercise testing. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S88-97. doi: 10.1038/ijo.2011.39.
8. Ojiambo R, Cuthill R, Budd H, Konstabel K, Casajús JA, González-Agüero A, Anjila E, Reilly JJ, Easton C, Pitsiladis YP; IDEFICS Consortium. Impact of methodological decisions on accelerometer outcome variables in young children. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S98-103. doi: 10.1038/ijo.2011.40.
9. Herrmann D, Suling M, Reisch L, Siani A, De Bourdeaudhuij I, Maes L, Santaliestra-Pasías AM, Veidebaum T, Molnár D, Pala V, Kourides Y, Eiben G, Bammann K; IDEFICS Consortium. Repeatability of maternal report on prenatal, perinatal and early postnatal factors: findings from the IDEFICS parental questionnaire. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S52-60. doi: 10.1038/ijo.2011.35.
10. Knof K, Lanfer A, Bildstein MO, Buchecker K, Hilz H; IDEFICS Consortium. Development of a method to measure sensory perception in children at the European level. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S131-6. doi: 10.1038/ijo.2011.45.
11. Gwozdz W, Reisch LA; IDEFICS Consortium. Instruments for analysing the influence of advertising on children's food choices. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S137-43. doi: 10.1038/ijo.2011.46.
12. Stomfai S, Ahrens W, Bammann K, Kovács E, Mårild S, Michels N, Moreno LA, Pohlmann H, Siani A, Tornaritis M, Veidebaum T, Molnár D; IDEFICS Consortium. Intra- and inter-observer reliability in anthropometric measurements in children. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S45-51. doi: 10.1038/ijo.2011.34.

13. Peplies J, Günther K, Bammann K, Fraterman A, Russo P, Veidebaum T, Tornaritis M, Vanaelst B, Mårild S, Molnár D, Moreno LA, Ahrens W; IDEFICS Consortium. Influence of sample collection and preanalytical sample processing on the analyses of biological markers in the European multicentre study IDEFICS. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S104-12. doi: 10.1038/ijo.2011.41.
14. Tubic B, Magnusson P, Swolin-Eide D, Mårild S; IDEFICS Consortium. Relation between bone mineral density, biological markers and anthropometric measures in 4-year-old children: a pilot study within the IDEFICS study. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S119-24. doi: 10.1038/ijo.2011.42.
15. Sioen I, Goemare S, Ahrens W, De Henauw S, De Vriendt T, Kaufman JM, Ottevaere C, Roggen I, Swolin-Eide D, Tubic B, Vyncke K, Mårild S; IDEFICS Consortium. The relationship between paediatric calcaneal quantitative ultrasound measurements and dual energy X-ray absorptiometry (DXA) and DXA with laser (DXL) as well as body composition. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S125-30. doi: 10.1038/ijo.2011.44.
16. Koni AC, Scott RA, Wang G, Bailey ME, Peplies J, Bammann K, Pitsiladis YP; IDEFICS Consortium. DNA yield and quality of saliva samples and suitability for large-scale epidemiological studies in children. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S113-8. doi: 10.1038/ijo.2011.43.
17. Suling M, Hebestreit A, Peplies J, Bammann K, Nappo A, Eiben G, Alvira JM, Verbestel V, Kovács E, Pitsiladis YP, Veidebaum T, Hadjigeorgiou C, Knof K, Ahrens W; IDEFICS Consortium. Design and results of the pretest of the IDEFICS study. *Int J Obes (Lond)*. 2011 Apr;35 Suppl 1:S30-44. doi: 10.1038/ijo.2011.33.

This supplement also includes all abstracts of lectures (17) and posters (56) from the 1st IDEFICS symposium "Child health in Europe - The IDEFICS study: towards a better understanding of obesity", held on 8th November 2010 in Zaragoza, Spain.