Over-nutrition

Gema Frühbeck

Multiple choice questions

1. The prevalence in obesity from 1980 until today has
(a) Increased in males and decreased in females.
(b) Decreased in males and increased in females.
(c) Increased both in males and in females.
(d) Decreased both in males and in females.

2. In genome-wide association scans for obesity-related traits, which genes came out as the most robust and frequent loci associated with increased BMI in humans?
(a) FTO and MC4R.
(b) SH2B1 and NEGR1.
(c) MC4R and BDNF.
(d) GNPDA2 and NEGR1.
3. Which of the following peptides has an orexigenic effect?

(a) Leptin.
(b) Ghrelin.
(c) Adiponectin.
(d) GLP-1.

4. The Prader–Willi syndrome is a disorder with Mendelian inheritance mapped at

(a) 20q13.3.
(b) 20p11.2.
(c) 12q24.1.
(d) 15q11.2-q12.

5. Which of the following is not associated with obesity?

(a) Cancer.
(b) Obstructive sleep apnoea.
(c) Multiparity.
(d) Hypertension.

6. A woman with a body fat of 36% should be considered

(a) Lean.
(b) Overweight.
(c) Obese.
(d) Morbidly obese.