

# BIOGRAPHY

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## Title and name

Dr. Anders Sjödén

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## Nationality

Swedish

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## Panel

Dietetic Products, Nutrition and Allergies (NDA)

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## Education

- Dr Med Sci 1997, Uppsala University, Sweden
  - MD 1987, Uppsala University
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## Scientific and risk assessment experience

- Regulation of appetite
  - Regulation of body weight
  - Obesity
  - Weight loss therapies
  - Sport nutrition
  - Oxidative stress
  - Scientific substantiation of health claims
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## Main scientific publications

My main areas of publications include human energy metabolism with focus on regulation of appetite, energy balance, the associations between life style factors and obesity as well as obesity treatments

**Energy balance in cross-country skiers: a study using doubly labeled water.** Anders M Sjödén, Agneta B Andersson, Jeanette M Högberg & Klaas R Westerterp. *Medicine and Science in Sports and Exercise* 26(6):720-724, 1994.

**Evaluation of modified multicompartiment models to calculate body composition in healthy males** A Forslund, A Johansson, A Sjödén, G Bryding, S Ljunghall and L Hambraeus. *Am J Clin Nutr* 1996;Jun;63:856-62

**Moderate exercise at energy balance does not affect 24-h leucine oxidation or nitrogen retention in healthy men.** El-Khoury AE, Forslund A, Olsson R, Branth S, Sjödén A, Andersson A, Atkinson A, Selvaraj A, Hambraeus L, Young VR. *Am J Physiol.* 1997 Aug;273(2Pt1):E394-407

**Training induced changes in the fatty acid composition of skeletal muscle lipids. Functional aspects.** Vessby B, Andersson A, Sjödén A. *Adv Exp Med Biol.* 1998;441:139-45. (Review)

**Effect of protein intake and physical activity on 24-hour pattern and rate of macronutrient utilization.** Forslund AH, el-Khoury AE, Olsson RM, Sjödén AM, Hambraeus L, Young VR. *Am J Physiol* 1999 May;276(5Pt1):E964-76

**Adaptive stress response of glutathione and uric metabolism in man following controlled exercise and diet.** Svensson MB, Ekblom B, Cotgreave IA, Norman B, Sjöberg B, Ekblom O, Sjödén B, Sjödén A. *Acta Physiol Scand.* 2002 Sep;176(1):43-56

**Minor changes in blood lipids after 6 weeks of high-volume low-intensity physical activity with strict energy balance control.**

Stefan Branth, Anders Sjödén, Anders Forslund, Leif Hambraeus and Ulf Holmbäck. *European Journal of Applied Physiology.* 2005 Dec 10:1-7

**A critical review of the cannabinoid receptor as a drug target for obesity management.** F Akbas, C Gasteyger, A Sjödén, A Astrup, TM Larsen. *Obesity reviews* 2009 Jan;10(1):58-67. Epub 2008 Aug 20. (Review)

**Glycemic status in relations to oxidative stress and inflammation in well-controlled type 2 diabetic subjects.** E Rytter, B Vessby, R Åsgård, A Sjödén, L Abrahamsson-Zetterberg, L Möller, S Basu. *Br J Nutr* 2009 May;101(10):1423-6

**The effect of the triple monoamine reuptake inhibitor tesofensine on energy metabolism and appetite in overweight and moderately obese men.**

Sjödén, A, Gasteyger, C, Nielsen, A-L H, Raben, A, Mikkelsen, JD, Jensen, JKS, Meier, D, Astrup, A. *Journal of Obesity* 2010 Nov;34(11):1634-43. Epub 2010 May 18.

**Biomarkers of oxidative stress in overweight men are not influenced by a combination of antioxidants** Rytter E, Johansson C, Vessby B, Sjödén A, Möller L, Åkesson B, Basu S. *Free radical research*, May 2010; 44(5): 522-528

**Supplementation with a combination of antioxidants does not affect glycaemic control, oxidative stress or inflammation in type 2 diabetes subjects.**

Elisabet Rytter, Bengt Vessby, Rikard Åsgård, Clara Ersson, Shahnaz Moussavian, Anders Sjödén, Lilianne Abramsson-Zetterberg, Lennart Möller & Samar Basu. *Free Radical Research* 2010; Early Online, 1-9

**Physical activity plays an important role in body weight regulation.** Chaput JP, Klingenberg L, Rosenkilde M, Gilbert JA, Tremblay A, Sjödén A. *Journal of Obesity* 2011, vol. 2011, article ID 360257, 11 pages (Invited review)

**Risk factors for adult overweight and obesity: the importance of looking beyond the 'Big Two'** Chaput JP, Sjödén AM, Astrup A, Després JP, Bouchard C, Tremblay A.. *Obesity Facts* 2010;3:320-327

**Do all sedentary activities lead to weight gain: sleep does not** Chaput JP, Klingenberg L, Sjödén A. *Current opinion in Clinical Nutrition and metabolic Care* 2010; 13:601-607 (Invited review)

**The effect of tesofensine on appetite sensation**

JA Gilbert, C Gasteyger, A Raben, DH Meier, A Astrup, A Sjödén. *J of Obesity* Epub 2011 Jun 30.2012 Mar;20(3):553-61. doi: 10.1038/oby.2011.197.

**Playing video games promotes overconsumption of food: A randomized crossover study in adolescents.**

Chaput JP, Visby T, Nyby S, Klingenberg L, Gregersen NT, Tremblay A, Astrup A, Sjödin A. *Am J Clin Nutr*. 2011 Jun;93(6):1196-203. Epub 2011 Apr 13. April 13, 2011 as doi: 10.3945/ajcn.110.008680.

**Coenzyme Q10 supplementation and exercise-induced oxidative stress in humans.** Bengt Östman, Anders Sjödin, Karl Michaëlsson, Liisa Byberg. *Free Radic Res*. 2010 Dec;44(12):1445-53. Epub 2010 Oct 13.

**A proposed potential role for increasing atmospheric CO<sub>2</sub> as a promoter of weight gain and obesity.**

Hersoug, L.G., Sjödin, A. and Astrup, A. *Nutrition & Diabetes* 2012

**Short sleep duration and its association with energy metabolism**

Lars Klingenberg, Anders Sjödin, Ulf Holmbäck, Arne Astrup and Jean-Philippe Chaput. *Obes Rev*, (DOI: 10.1111/j.1467-789X.2012.00991.x) 2012;13(7):565–57

**Sleep restriction is not associated with a positive energy balance in adolescent boys.**

Klingenberg L, Chaput JP, Holmbäck U, Jennum P, Astrup A, Sjödin A. *Am J Clin Nutr*. 2012 Jul 3. doi: 10.3945/ajcn.112.038638

**Body fat loss and compensatory mechanisms in response to different doses of aerobic exercise – a randomized controlled trial in overweight sedentary males**

M Rosenkilde, PL Auerbach, MH Reichkender, T Ploug, BM Stallknecht, Anders Sjödin, *Am J Physiol Regul Integr Comp Physiol* ajpregu.00141.2012; published ahead of print August 1, 2012,

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