



Pirjo Nuutila

Professor, MD, PhD

Contact details

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Curriculum Vitae

- Degrees
- Specialist Degree in Internal Medicine | 1992 | University of Turku
 - Specialist Degree in Clinical Endocrinology | 1996 | University of Helsinki
 - Specialist Degree in Diabetology | 1996
 - PhD | 1992 | University of Turku
 - MD | 1984 | University of Turku
 - Diploma in Health Administration | 2007 | University of Turku

- Current and relevant previous positions
- Professor | 1998- | Metabolic Research, University of Turku
 - Chief Physician | 2005- | Sector of Endocrinology, at Department of Internal Medicine, Turku University Hospital

Clinical research

Therapeutic areas | Internal Medicine: *Endocrinology* ■ Medical Imaging: *PET*

Previous clinical trials | Clinical trials on medicinal products ■ Other medical research

Position in clinical trials | Principal investigator ■ Sub-investigator ■ Person in charge of research (national trials)
■ Person in charge of research (international trials)

Total clinical research experience | Over 20 years

GCP training | GCP-training organised by a previous sponsor ■ Clinical Investigator's Training / TurkuCRC and GSCS

Resources available for clinical research | Staff and equipments of Turku PET centre; clinical researchers; research nurse.

Additional information | Diabetes, metabolic and endocrinological research using molecular imaging (PET, MRI).
Clinical endocrinology.

Representative publications

Nuutila P, Koivisto VA, Knuuti J, Ruotsalainen U, Teräs M, Haaparanta M, et al. Glucose-free fatty acid cycle operates in human heart and skeletal muscle in vivo. *J Clin Invest.* 1992; 89:1767-1744.

Otonkoski T, Näntö-Salonen K, Seppänen M, Veijola R, Huopio H, Hussain K, et al. Noninvasive diagnosis of focal hyperinsulinism of infancy with [18F]-DOPA positron emission tomography. *Diabetes.* 2006; 55(1):13-18.

Virtanen KA, Lidell ME, Orava J, Heglind M, Westergren R, Niemi T, Taittonen M, Laine J, Savisto NJ, Enerbäck S, Nuutila P. Functional brown adipose tissue in healthy adults. *N Engl J Med.* 2009; 360(15):1518-1525.

Kauhanen S, Seppänen M, Ovaska J, Minn H, Bergman J, Korsoff P, et al. The clinical value of [18F]fluoro-dihydroxyphenylalanine positron emission tomography in primary diagnosis, staging, and restaging of neuroendocrine tumors. *Endocr Relat Cancer.* 2009; 16(1):255-265.

Viljanen APM, Karmi A, Borra R, Pärkkä JP, Lepomäki V, Parkkola R, et al. Effect of caloric restriction on myocardial fatty acid uptake, left ventricular mass, and cardiac work in obese adults. *Am J Cardiol.* 2009; 103(12):1721-1726.

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