

Curriculum Vitae

Jean-François TANTI

December 5th 1963.

Senior Scientist (Research Director DR1, CNRS)

Ph.D (1988) and Capacity to Direct Research Programs (HDR, 1996), Nice Sophia Antipolis University

CURRENT POSITION

- **INSERM U1065/Mediterranean Center for Molecular Medicine (C3M), Nice, France**

- Since 2007: Group Leader Team “Insulin Resistance in Obesity and type 2 Diabetes”
- Since 2012: Scientific deputy director of C3M

PAST POSITIONS

- **INSERM U568, Nice, France**

- 2003- 2007. Group Leader. Study of Insulin-dependent and independent pathways involved in glucose transport and of IRS serine phosphorylation and insulin resistance.
- 1999-2003. Senior scientist CR1. Study of the molecular mechanisms in insulin resistance

- **INSERM U145, Nice, France**

- 1993-1998. Senior scientist CR1. Insulin signaling pathways involved in glucose transport.
- 1989-1992. Junior scientist CR2. Structure function of the glucose transporters
- 1984-1988. Ph.D Student. Role of PKC and cAMP dependent kinase in the modulation of the insulin signaling and metabolic effect

SCIENTIFIC INTEREST OF THE TEAM

Our team(<https://www.c3m-nice.fr/equipements/equipe-07/>) investigates the complex mechanisms involved in the pathophysiology of the insulin resistance associated with obesity and type 2 diabetes, with a special focus on the molecular and cellular mechanisms connecting the pathological expansion and dysfunction of adipose tissue to the development of insulin resistance in obese and type 2 diabetic patient. The overarching objectives of the team is 1) to identify key molecular actors induced by adipose cellular and inflammatory stress and to decipher their mechanistic role in the metabolic and endocrine dysfunction of adipose tissue and the development of the insulin resistance and 2) to examine the molecular mechanisms by which hormones, especially sexual hormones, control white adipose tissue expansion and function, the conversion of white to beige adipocytes, the regulation of energy balance and the insulin sensitivity.

COMMITTEES AND EXPERTISES

- Member of the administration council and scientific committee of the Faculty of Medicine of Nice
- Member of the INSERM committee for competitive recruitment for researchers (2012-2016)
- Member of the scientific committee (2005-2007) and of the administration council (since 2013) of the “Société Francophone du Diabète”
- Member of the Committee for the “Chair d’excellence universitaire” of the University Paris Descartes (2009) and for the recruitment of “Maitre de Conférence” of the University of Toulouse (2010)
- Member of AERES committee (2008, 2013, 2014, 2015)
- Member of the scientific committee for ANR grant selection (2013)

- Member of the scientific committee for the EFSD Novo Nordisk programme grant selection (2010-2012)
- Member of 33 thesis committees since 1998
- Associate Editor for Diabetologia (since January 2018)
- Reviewer for European and French grants (ERC starting grant, EFSD Novo Nordisk grant, Diabetes UK grant, HRB grant, Start Prize, Cardiomet, ANR, CORDDIM, etc)
- Reviewer for different scientific journals and for the abstract selection for EFSD and ADA congresses.

PUBLICATIONS

More than 100 original articles or reviews in peer reviewed journals.