

## PROF. THIERRY DANTOINE, MD

*Specialist in nephrology, FMH member*  
*Professor of internal medicine; geriatrics and biology of aging*  
*Physician at the Nescens Centre for Preventive Medicine*

Professor Thierry Dantoine was born in France, where he began his career in the hospitals of Toulouse and Limoges, first as a student and then as a nephrologist, emergency physician, and professor of internal medicine; geriatrics and biology of aging.

His desire to specialise in the biology of aging was born from the central role played by the kidneys in regulating homeostasis and in the aging process. Under the tutelage of Prof. Barry Brenner of the Brigham and Women's Hospital, Harvard University, Boston (USA), Prof. Dantoine's work on lipid oxidation, a major factor in early vascular aging, was published in the prestigious "Journal of American Society of Nephrology" in 1998. His entire career has been dedicated to preventing the effects of aging and laid the foundations for the creation of UPSAV (the French acronym for Aging Prevention, Monitoring, and Analysis Unit), the first European research network of its kind on this issue.

In collaboration with Prof. L. Lipsitz of the Institute for Aging Research in Boston, Prof. Dantoine created "eHealth, aging well, autonomy: preventing loss of autonomy for persons living at home", an academic chair of excellence within the foundation of the Limoges University, aimed at better understanding the clinical, biological, and environmental factors at play in preventing ageing-related illnesses and potential loss of functionality.

Prof. Dantoine has published several scientific papers in the field of the biology and the prevention of aging. By joining the Nescens Centre for Preventive Medicine, created by Prof. J. Proust, a pioneer in the field, Prof. Dantoine's knowledge and expertise, acquired over 25 years of clinical practice and research, will be applied to the development of personalised and innovative therapeutic strategies aimed at delaying the effects of aging on the human body.

As a specialist in nephrology, Prof. Dantoine applies a systemic approach (biochemical, hormonal, vascular, and immunological) to the effects of aging, allowing for a functional, preventive revival of the body. He is now a Physician at the Nescens Centre for Preventive Medicine of the Clinique de Genolier.

### Contact

**Nescens Clinique de Genolier** - Route du Muids 5 - 1272 Genolier  
E [tdantoine@nescens.com](mailto:tdantoine@nescens.com) - T +41 22 366 93 09 - F +41 22 366 93 49

### Languages

French, English, German

## Professional experience

- Since 2019: Physician, Centre for Preventive Medicine, Nescens Clinique de Genolier, Genolier Switzerland
- 2018: Leukerbad Clinic, Medical Director, Loèche-les-Bains, Switzerland, thermal clinic for musculoskeletal rehabilitation
- 2014-2018: Limoges University, Deputy Director of Research Team EA6310, HAVAE (French acronym for "Handicap, Activity, Aging, Autonomy, Environment")
- 2010-2013: Limoges University Hospital, Limousin CMRR coordinator (French abbreviation for Resource and Research Memory Centre).
- 2007-2017: Limoges University Hospital, Head of Gerontology department.
- 2006-2018: Limoges University Hospital, Oncogeriatrics Pilot Unit Coordinator for the INCA (French acronym for National Cancer Institute)
- 2005-2018: Limoges University Hospital, Head of Department (Internal Medicine and Post-Acute Geriatric Care)
- 2003: Limoges University Hospital, University Professor-Hospital Practitioner (specialty: Internal Medicine; Geriatrics and biology of aging)
- 1999-2003: Limoges University Hospital, full-time Hospital Practitioner (Clinical Gerontology Department - Dr. Charmes)
- Limoges Hospitals and Medical School, Head of Clinic - Assistant
  - 1997-1998: Nephrology department
  - 1998-1999: Emergency Department - Prof. Piva
- 1996-1997: Limoges University Hospital, Physician within the Clinical Gerontology Department

## Education

- Since July 2017: postgraduate Nephrologist degree recognised by the Swiss Federal Commission on Medical Professions (MEBEKO)
- 2015: Promotion to first class University Professor - Hospital Practitioner in Internal Medicine; Geriatrics and Biology of Aging France.
- 2013-2018: Director of the academic chair of excellence "eHealth, aging well, autonomy: preventing loss of autonomy for persons living at home", partner foundation of the Limoges University
- 2011-2017: DESC regional coordinator for geriatrics for the French South West Region
- 2010-2018: Medical Coordinator for the International Master's Degree "Auton'Home-e: Home automation and ICT for autonomy at home"
- 2010-2018: Deputy Director - HAVAE Welcoming Committee (French acronym for "Handicap, Activity, Aging, Autonomy, Environment"), Limoges University
- 2009-2018: Interuniversity Oncogeriatrics Diploma Teaching Coordinator for the Limousin Region
- 2002: University Professor: Hospital Practitioner in Internal Medicine; Geriatrics and Biology of Aging France
- 2001: Accreditation to Supervise Research (HDR), Limoges University
- 2000: PhD, Limoges University Physician
  - Branch: Gerontology
  - Specialty: Biology of aging
- 2000: DESC (post graduate diploma in complementary specialised studies) in Geriatrics, Limoges Medical School, France
- 2000: DESC (post graduate diploma in complementary specialised studies) in Medical Resuscitation, Limoges Medical School, France
- 1997-1999: Head of Limoges University Clinic
- 1997: DEA (equivalent to the American ABD or the MPhil in the British system) in "Food Science - Quality Assurance" - Nutrition and Cell Signalling Unit - Bordeaux I Scientific University - Prof. P. Higuieret
- 1997: Examination Certificate for Foreign Medical Doctors USA
- 1997: United States Medical License Examination Step 2 (clinical sciences)
- 1996: United States Medical License Examination Step 1 (basic sciences)
- 1996: DES (Postgraduate diploma in nephrology), Limoges Medical School, France
- Doctor of Medicine, Limoges Medical School, France
- 1995: MSBM (Master's in biological and medical sciences), Limoges Medical School, France:
  - 1994: Biochemistry specialisation
  - 1995: General Physiology

## Distinctions

- 2017: 1<sup>st</sup> Prize awarded by the French Hospital Federation - Médéric Alzheimer Foundation "Hospitalisation in nongeriatric and emergency departments for elderly persons with cognitive disorders: towards better reception and a new type of care" for the creation of the unit Emergency Medicine for Elderly Persons (MUPA)
- 2016: Winner of the unf3s (Francophone Digital University) / National Research Agency TransInnov invitation to tender in the field of Gerontology for the implementation of the digital degree "MEDURGERIA: Geriatric Medicine: polypathology and emergency treatment of elderly patients"
- 2012: Winner of the eHealth 2 call for proposals (project to invest in the future for the consortium IC@RE, led by the LEGRAND institution) e-COBHALT telemedicine project for Limoges University Hospital
- 2011: Winner of 1<sup>st</sup> prize awarded by the National Association "LE LIEN", a patient and healthcare-user defence association for the creation of an innovative care unit within a hospital environment (continuous care), aimed at avoiding emergency hospitalisation for residents of assisted living residences by organising a direct course from the care home to the care unit which is adapted to the persons's health status. The project was entitled "Optimising the course of care for elderly patients: from the assisted residence - home to the geriatrics department of the Limoges University Hospital"
- 2010: Winner of the ESH (Innovation Social Fund / Social Businesses for Housing) Social Innovation for Housing Award for the project "GEROPASS SOCAIL" aimed at promoting social ties between elderly residents of social housing by integrating a social action to implement a public health action to prevent loss of autonomy at home with an innovative structure, the UPSAV (Aging Prevention, Monitoring, and Analysis Unit)
- 2009: Winner, Roche Foundation Award for the "Relais des familles" action, a social innovation integrated to the Limoges University Hospital aimed at providing solutions to the needs carers for elderly patients and assisted living, long-term care, or live at home residents.
- **2002: Young Overseas Researcher Award received at the Third World Congress on Vascular Factors in Alzheimer's Disease, Kyoto, Japan**
- 2001: 3<sup>rd</sup> prize at the International Poster Competition of the American Society of Internal Medicine, Atlanta, USA:
  - 2001 research grant awarded by the Foundation for Medical Research for the role of main investigator for the project "Study of paraoxonase inhibition and inactivation mechanisms during the aging process".
  - 2001 Award by the French Society of Geriatrics and Gerontology for the entire works on "The Roles of Paraoxonase 1 and Butyrylcholinesterase in vascular aging"
- 2000: French Society of Internal Medicine award for best communication, Fort-de-France
- 1996: "Blue Ribbon", American Society of Nephrology, New Orleans