

Marianne Canonico

CESP – Inserm U1018
Team Epidemiology of ageing and age-related disease
Bâtiment. 15/16 Inserm
Hôpital Paul Brousse
16 avenue Paul Vaillant Couturier
94807 Villejuif Cedex, France

EXPERTISE AREAS

- Epidemiology
- Endocrinology
- Steroid sex hormones
- Cardiovascular disease and age related diseases

EMPLOYMENT

- Jan 2015 – ongoing Researcher, Inserm U1018, team “Epidemiology of ageing and age-related diseases”
- Oct 2009 – Dec 2014 Researcher, Inserm U780 and U1018, team “Hormones and Cardiovascular disease”
- May 2009 – Sep 2009 Post-doctoral position, Inserm U780, team “Cardiovascular Epidemiology”
- Jul 2008 – Apr 2009 Post-doctoral position, Oxford University, “Cancer Epidemiology” Unit
- Jan 2006 – Jun 2008 Post-doctoral position, Inserm U780, team “Cardiovascular Epidemiology”
- Oct 2004 – Dec 2005 Post-Doctoral Position, Inserm U258, team “Cardiovascular Epidemiology”

EDUCATION

- 2015, HDR*, option Epidemiology, University of Paris Saclay, France
 - 2006, University Diploma, “Statistical and Epidemiology”, University of Paris XI, Paris
 - 2000 – 2003, PhD in Biology, option Endocrinology, University of Paris XI, France
- * Authorization to direct research and tutor PhD students

SUPERVISION

- Supervisor and co-supervisor of PhD
- Supervisor of several Master students

TEACHING

- Since 2015, Master in Epidemiology: 25 hours per years
- Since 2010, Summer school in Epidemiology: 15 hours per years

PUBLICATIONS

More than 50 papers in refereed journals among which the half as first or last author.
5 publications.

- **Canonico M**, Oger E, Plu-Bureau G, Conard J, Meyer G, Lévesque H, Trillot N, Barrellier MT, Wahl D, Emmerich J and Scarabin PY on behalf of the EStrogen and THromboEmbolism Risk (ESTHER) Study Group. Hormone therapy and venous thromboembolism among postmenopausal women : impact of the route of estrogen administration and progestogens. The ESTHER Study. *Circulation*, 2007; 115: 840-5
- **Canonico M**, Plu-Bureau G, Lowe GD and Scarabin PY. Postmenopausal hormone therapy and risk of venous thromboembolism: a systematic review and meta-analysis. *BMJ*, 2008; 336: 1227-31.
- **Canonico M**, Fournier A, Carcaillon L, Olié V, Plu-Bureau G, Oger E, Mesrine S, Boutron-Ruault MC, Clavel-Chapelon F, Scarabin PY. Postmenopausal hormone therapy and risk of idiopathic venous thromboembolism. Results from the E3N Cohort Study. *Arterioscler Thromb Vasc Biol*. 2010; 3: 340-5.
- Scarabin-Carré V, Brailly-Tabard S, Ancelin ML, Maubaret C, Guiochon-Mantel A, Scarabin PY, **Canonico M**. Plasma estrogen levels, estrogen receptor gene variation and ischemic arterial disease in

older postmenopausal women: the Three-City prospective Cohort Study. *J Clin Endocrinol Metab*, 2014; 99: E1539-46

- **Canonico M**, Carcaillon L, Plu-Bureau G, Oger E, Singh-Manoux A, Elbaz A, Scarabin PY. Postmenopausal hormone therapy and risk of ischemic stroke in general population: importance of the route of estrogen administration and type of progestogen. The PRESSTO (PROgestogen, ESTrogen and sTroke) Study. *Stroke*, 2016, 2016; 47: 1734-41

INVITED CONFERENCES

- Nov 2007 : Congrès de l'Association Française Etude sur la Ménopause (Paris, France). Traitement hormonal de la ménopause et risque thrombotique veineux : variabilité génétique dans la réponse aux estrogènes
- Apr 2008 : Gynécologie Pratique (Paris, France). Traitement hormonal de la ménopause et risque thromboembolique veineux
- Feb 2009: 8th Workshop of the International Menopause Society (Pise, Italie). Hormone therapy and Risk of venous thromboembolism
- Jul 2012 : British Menopause Society (Winchester, UK). Hormone therapy and Risk of venous thromboembolism
- May 2015 : European Menopause and Andropause Society (Madrid, Espagne). Hormone therapy and venous thromboembolism
- Mar 2016 : World Congress of Gynecological Endocrinology (Florence, Italie). Hormone therapy and venous thromboembolism in clinical trials
- Sept 2017: International Menopause Society (Prague, Rep Tchèque): Do progestogens influence the risk of thrombosis?

BOOK CHAPTER

Voican A, Francou B, Novac L, Chabbert-buffet N, **Canonico M**, Meduri G, Lombès M, Scarabin PY, Young J, Guiochon-Mantel A, Bouligand J. "Pharmacology of hormone replacement therapy in menopause". Review / Chapter in Intech Book project "Pharmacology".

REVIEW FOR PAPERS IN REFEREED JOURNALS

Circulation, British Medical Journal, Journal of Thrombosis and Haemostasis, Menopause, Thrombosis research, Journal of Clinical Endocrinology and Metabolism, Endocrinology, Clinical Endocrinology Neurology, Arteriosclerosis Thrombosis and Vascular Biology, etc, ...

REVIEW FOR GRANT APPLICATIONS

- IRESP 2013 evaluation of an application for the research grant in public health and health determinants
- VIDJ Program 2012: evaluation of an application for the research grant in Innovational Research

RESEARCH PRIZE

- Congress of **American Heart Association** 2005 (Dallas): Best communication in "Population Science". Hormone therapy and venous thromboembolism among postmenopausal women: impact of the progestogens. The ESTHER study.
- Congress of **Nouvelle Société Française d'Athérosclérose** 2005 (Biarritz): Young research. Hormone therapy and venous thromboembolism among postmenopausal women: impact of the progestogens. The ESTHER study.

HONOURS

- 2015 – ongoing Steering committee of the Master in public health of Paris 11 University
- 2014 - ongoing Steering committee of the doctoral school for public health of Paris 11 University
- 2010 - ongoing Member of the Editorial board of Menopause journal
- 2006 Member of the working group on postmenopausal hormone therapy of the *Agence nationale de sécurité du médicament et des produits de santé* (French national drug agency)