



MEMBRE DU COS DE L'OST

NICOLE HAEFFNER-CAVAILLON

Directeur de recherche Emérite

Institut national de la santé et de la recherche médicale (INSERM)

Nicole Haeffner-Cavaillon was Head of the bibliometric unit from 2002 to 2016 at Inserm head office

In 2017 Acting director of the Inserm Evaluation department (DESP)

Coordinator of the institutional assessment of research units, competitive recruitment and researchers (January 2018 – March 2020)

Experience in public administration

2017 (May - December): Head of the Inserm Evaluation Department

2002 - 2016: Head of the Inserm Bibliometric unit - Bibliometric analysis, Textmining & datamining, mapping. Analysis of structure and dynamics of research laboratories or Institutes, positioning of Institutes or Laboratories in International Contexts, Strategic analysis of research fields. Bibliometric indicators and performance measurements.

2000 - 2005: Management and coordination of evaluation processes, Project leader for a web based electronic application and assessment system (www.eva.inserm.fr) designed to help grant applicants for funding, and assist assessors and referees in peer reviewing applications.

Scientific independent expert for several national institutions as well as for FP7 calls. Independent observer of IMI Call assessment.

Research experience

- 1985-2000: Inserm Unit 530, Hôpital Broussais, Paris Team leader :
Proinflammatory production of cytokine in HIV-infection
Involvement of the complement system in HIV-infection
Early markers of biocompatibility
Cytokine production in patients undergoing extracorporeal circulation
Pro-inflammatory cytokine and LPS receptors

- 1980-1985: CNRS, Université d'Orsay (Paris XI) Team leader Characterisation of LPS receptors on macrophages: Binding characteristics, Identification of a lectin-like receptor, Interleukin-1 (IL-1) secretion triggered by the LPS receptor.

- 1977-1979: Toronto University, Department of Immunochemistry Expression of Fc receptors and biological effector functions by immunoglobulin.

PROFESSIONAL MEMBERSHIPS:

- . Société Française d'Immunologie (1980-2000)
- . International Endotoxin Society (1988-2000)
- . International Cytokine Society (1995-1999)
- . American association of Immunologists (1992-1999)

Major publications (published in refereed journals):

Haeffner-Cavaillon N., Devos P., Ledoux S., Ménard J. (2015) The Third French Alzheimer Plan: analysis of the influence of a national public health initiative on scientific research productivity and impact. *Alzheimer's Research & Therapy*, Volume: **7** Article Number: **60**

Devos P., Haeffner-Cavaillon N., Ledoux S, Balandier C., Ménard J. (2014) Assessing the French Alzheimer plan *LANCET*, **383 (9931)** 1805-1805

Haeffner-Cavaillon N., Graillet-Gak C. (2009) The use of bibliometric indicators to help peer-review assessment. *Archivum Immunologiae et Therapiae Experimentalis*, **57 (1)** 33-38

Haeffner-Cavaillon N, Graillet-Gak C, Brechot C. (2005) Automated grading of research performance clearly fails to measure up. *Nature*, **438 (7068)** 559-559

Scientific Publications (128 publications – cited over 100 times)

Verhasselt V., Buelens C., Willems F., DeGroot D., Haeffner-Cavaillon N., Goldman M. (1997) Bacterial lipopolysaccharide stimulates the production of cytokines and the expression of costimulatory molecules by human peripheral blood dendritic cells - Evidence for a soluble CD14-dependent pathway. *Journal of Immunology*, **158 (6)** 2919-2925

Thieblemont N., Weiss L., Sadeghi HM., Estcourt C., Haeffner-Cavaillon N. (1995) CD14(low)CD16(high): A cytokine-producing monocyte subset which expands during human immunodeficiency virus infection. *European Journal of Immunology* **25(12)** 3418-3424

Laude-Sharp M., Caroff M., Simard L., Pusineri C., Kazatchkine MD., Haeffner-Cavaillon N. (1990) Induction of IL-1 during Hemodialysis – Transmembrane passage of intact endotoxins (LPS). *Kidney International* **38(6)** 1089-1094

Haeffner-Cavaillon N., Cavaillon JM., Ciancioni C., Bacle F., Delons S., Kazatchkine MD. (1989) In vivo induction of interleukin-1 during Hemodialysis. *Kidney International* **35(5)** 1212-1218

Haeffner-Cavaillon N., Cavaillon JM., Laude M., Kazatchkine MD. (1987) C3A(C3ADESARG) Induces production and release of interleukin-1 by cultured human-monocytes. *Journal of Immunology* **139(3)** 794-799

Cavaillon JM., Fitting C., Haeffner-Cavaillon N. (1990) Recombinant C5A Enhances interleukin-1 and tumor-necrosis-factor release by lipopolysaccharide-stimulated monocytes and macrophages. *European Journal of Immunology* **20(2)** 253-257

Haeffner-Cavaillon N., Rousselier N., Ponzio O., Carreno MP., Laude M., Carpentier A., Kazatchkine MD. (1989) Induction of interleukin-1 production in patients undergoing cardiopulmonary bypass. *Journal of thoracic and cardiovascular surgery* **98(6)** 1100-1106

Couturier C., Haeffner-Cavaillon N., Caroff M. Kazatchkine MD. (1991) Binding-sites for endotoxins (Lipopolysaccharides) on human monocytes. *Journal of Immunology* Volume: **147(6)** 1899-1904

Klein M., Haeffner-Cavaillon N., Isenman DE., Rivat C., Navia MA., Davies DR., Dorrington KJ. (1981) Expression of biological effector functions by immunoglobulin-g molecules lacking the hinge region. *Proceedings of the National Academy of Sciences of the United States of America-Biological Sciences* **78(1)** 524-528

Caroff M., Karibian D., Cavaillon JM., Haeffner-Cavaillon N. (2002) Structural and functional analyses of bacterial lipopolysaccharides. *Microbes and Infection* **4(9)** 915-926