

## CURRICULUM VITAE

Francesca Fallarino, Ph.D

Public Profile: <http://scholar.google.com/citations?user=Iis1vGgAAAAJ>

Born in Città della Pieve, on the 30th July 1968 is an Italian citizen, and she is single.

### *Education*

1982-1987	<b>Science-Oriented Preparatory School</b> (Città della Pieve, PG)
1988-1993	<b>College Education:</b> Five-yr course in <i>Pharmaceutical Chemistry and Technology</i> (University of Perugia), and
1993	<b>Final Graduation</b> —with honors—defending a Thesis Paper, “ <i>Immuno-pharmacological aspects of triazeno derivatives: evaluation methylation alchilants mutagenic activity by the analysis of specific electrophoretic caryotype</i> ”.
1993-1994	<b>Fellowship and Training</b> at the <i>Department of Experimental Medicine and Biochemical Science, University of Perugia</i> .
1994-1996	<b>Visiting Researcher:</b> <i>Ludwig Institute for Cancer Research</i> , Brussels, Belgium, under supervision by Prof. Thierry Boon.
1997-2000	<b>Postdoctoral Training</b> at <i>Ben May Insitute for Cancer Research, University of Chicago</i> , directed by Prof. Jeffery A. Bluestone
1998	<b>Ph.D. :</b> <i>Rational development of tumor antigen-specific immunization in melanoma</i> . (Perugia Doctorate School in <i>Experimental Medicine</i> )
1999	<b>Ph.D.</b> at the University of Chicago (Prof. Thomas Gajewski)
2000	<b>Recipient of Research Fellowship</b> from the University of Perugia at the Department of Experimental Medicine and Biochemical Science, University of Perugia.
2000-2003:	<b>Recipient of Research Fellowship</b> (from ‘Fondazione Italiana Ricerca sul Cancro’, FIRC).
2002-12	<b>Senior Lecturer</b> , Faculty of Pharmacy, University of Perugia.
2012 to present	<b>Associate Professor</b> University of Perugia.
2013:	<b>Full Prof.</b> eligibility.

### **Honors, and Awards**

1993	<i>Porcellati</i> award for best-of-the-year graduation thesis.
1998	<i>Italian Pharmacology Society Research Fellowship</i> (SIF) travel award.
2000	<i>Italian Society of Immunology</i> (SI) Fellowship to attend the international EMBO course in ‘ <i>Cell Migration and Immunity</i> ’
2000	SIBS award for the best Ph.D. thesis in <i>Experimental Medicine</i> .
2000	‘Fondazione Italiana Ricerca sul Cancro’, FIRC fellowship (three-year fellowship).
2001	<i>Porcellati</i> award for excellence in <i>Experimental Biology Research</i> .
2001	<i>Italian Pharmacology Society</i> (SIF) award for excellence in scientific production in year 2000. <i>European Molecular and Biology Organization</i> (EMBO) short-term fellowship ( <i>Georgia Medical College, USA</i> ) (June-September 2001).
2001	<i>Young Research Investigator Grant</i> from the University of Perugia for the project entitled, “ <i>Tryptophan catabolites as mediators of lymphocytes apoptosis</i> ”.

- 2002 'Fondazione Italiana Ricerca sul Cancro', FIRC, fellowship for a short-term research project in an international laboratory (Prof. K. Murphy, Washington University, MO).
- 2003 Award for best abstract at 'Traslational Research in Autoimmunity'
- 2004 -Italian Pharmacology Society Research Fellowship (SIF) and Farmindustria National Research Award for best scientific paper by an Italian scientist in 2003.  
-Consultant (June-September 2004) (Prof. K. Murphy, Washington University, MO).
- 2006 Junior Faculty Award American Association of Immunologists (AAI) Boston.
- 2013 Prize for being one of Top Italian Scientists: Città della Pieve, Perugia (Italy).
- 2014 Davos World Immunology Meeting Travel Grant recipient
- 2015 Title of Ambassadors of Happiness for research studies "city of Assisi (Italy).

**Teaching activities:**

**Lectures:** continuous curricular lectures on aspects of immunology and pharmacology.

**Institutional responsibilities:**

- 2014 President of the course in Pharmaceutical Biotechnology.
- 2010 to present Committee member of the University of Perugia Ph.D program.
- 2011 to present Representative Committee Member of animal Research at University of Perugia.

**Visiting Professor**

- October -November 2013 Mc Master University, Hamilton, (Toronto), Canada.
- July-December 2015: Washington University, MO, USA.

**Fundings:**

- 2008 Two-year Grant from **Italian Ministry of University and Research (MIUR)** to conduct research on: Tolerance modulation in, immunity autoimmunity and in transplantation (P.I. of the project).
- 2009 One year Grant from **Italian Foundation for the Research in Multiple sclerosis (FISM)**.
- 2011 Two years **Bayer Award grant** to Dr Davide Matino "Modulating the antibody response to exogenous Factor VIII: the role of tryptophan catabolism" (coordinator).
- 2013 One Year, **Grant 4 Target (Bayer Health Care)**: Installing FVIII-specific tolerance in hemophilia A via the aryl hydrocarbon receptor (AhR) operated by tryptophan catabolites, (Co-principal investigator with Prof. Iorio A. Mc Master University, Toronto).
- 2014 **Bayer Special Project Award (two Years)**: Installing FVIII-specific tolerance in hemophilia A via tryptophan catabolites and aryl hydrocarbon receptor (AhR) activation (P.I. of the project).  
**Telethon project (two years)**: FVIII-specific tolerance in hemophilia A via aryl hydrocarbon receptor (AhR) activation (P.I. of the project).
- 2015 **The center for drug research and development (CDRD, Canada) (One year)**: Exosomes from Amniotic Fluid Stem Cells as Immune Regulators in Progressive Experimental Autoimmune Encephalomyelitis: (P.I. of the project).

- 2015 **Bayer Health Care Grant 4 Target program** (One year):  
Installing FVIII-specific tolerance in hemophilia A aryl  
hydrocarbon receptor (AhR) modulators: (CoP.I of the project):  
2015 **AIRC project** (three years): Dissecting the role of AhR in  
host and tumor: (Co-investigator)

#### **Scientific Society Memberships**

- Italian Society of Immunology and Clinical Immunology (SIICA)
- Italian Society of Pharmacology (SIF)
- American Transplantation Society (The Transplantation Society)
- Member of Editorial Board of the *International Journal of Tryptophan Research* (from 01-2009)
- Member of Editorial Board of the *World Journal of Pharmacology* (From 08-2012).
- Member of Editorial Board of the *International Journal of Neurology Research* (from 11-2014).

#### **International collaborations**

- |                     |                                             |
|---------------------|---------------------------------------------|
| Prof. T.F. Gajewski | University of Chicago (IL), USA.            |
| Prof. K.M. Murphy   | Washington University, St. Louis (MO), USA. |
| Prof Alfonso Iorio  | Mac Master, (Hamilton), Canada.             |
| Prof. Bruno Gran    | Nottingham University (UK)                  |

#### **Referee**

- European Journal of Immunology
- American Journal of Transplantation
- Journal Immunology
- Cancer Research
- Journal of Leukocyte Biology
- International Immunology
- Immunology

#### **Grant Referee**

- 2014- Swiss National Research Foundation, Genève
- 2015- Research Council of Norway: Panel member.
- 2015-European Research Council, ERC, Advance grants.

#### **Ph.D supervisor:**

- 2009-2012 **Dr Alban Bessede** (Bordeaux) France  
Thesis: AhR in immunity
- 2012-2014: **Dr Gloria Gonzalez** (Sidney) Australia  
Thesis: Screening of New Natural inhibitors for Kynurenine Pathway  
Enzymes and Validation in vivo with mouse model of Alzheimer's Disease.
- 2011-2014: **Dr Davide Martino**, Italy. Thesis: Role of IDO in hemophilia A.
- 2012-2015: **Dr Marco Gargaro**, Italy. Aryl hydrocarbon receptor and  
tryptophan catabolism drive endotoxin tolerance.

#### **Patents**

- *Combination of antigen APCs and IL-12 for tumor and viral therapy.* (TF. Gajewski e **Fallarino F.**) (2003)
- *Microencapsulation of sertoli cells: prevention and treatment of type I diabetes with microcapsules containing sertoli cells.* (R. Calafiore, G. Luca, M. Calvitti, E. Becchetti, P. Puccetti, **Fallarino F.**, C. Nastruzzi). (2009)
- *Pluripotent Human Amniotic Mesenchymal Stem Cells* (R. Romani, G. Rosi, I. Pirisinu, **F. Fallarino**, P. Prontera, E. Donti). (2011).
- *Tryptophan catabolites as new potential drugs in chronic*

*inflammation and autoimmunity*  
(P.Puccetti, **F. Fallarino**, U. Grohmann) (2010)

Number of publications in the last ten years: **79**

Total citations at 28-12-2015 (Scopus): **8688**

*h*-index (Scopus): **50**