

University of Groningen

## Imaging of tumor specific antigens and microenvironment

Galli, Filippo

**IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.**

*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2015

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Galli, F. (2015). *Imaging of tumor specific antigens and microenvironment*. University of Groningen.

### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

# Chapter 8

---

## **Curriculum Vitae**

## Filippo Galli

22-March-1985

Via colle dell'oro, 8 05100 Terni (TR) Italy

Mobile: +393402932086

E-mail: filippo.galli@hotmail.com



### Education

*Present:* Ph.D. student in nuclear medicine, at the University Medical Centre Groningen (UMCG), Groningen, The Netherlands. In affiliation with the Nuclear Medicine Unit, Faculty of Medicine and Psychology, Department of Medical-Surgical Sciences and Translational Medicine, "Sapienza" University.

*January-December 2012:* 2nd level university master degree in "Science and Technologies of Radiopharmaceuticals", 110 cum Laude, Faculty Pharmacy, University of Rome "Sapienza".

*October 2010:* Master degree in "Medical, cellular and molecular biotechnologies", 110 cum Laude. Faculty of Medicine and Pharmacy, University of Rome "Sapienza".

*October 2007:* Bachelor in "Biotechnology" (first level in tertiary education), 107/110. Faculty of Natural Sciences, University of Rome "Tor Vergata".

### Research experience

*Present:* Ph.D. student in nuclear medicine at the U.O.C. of Nuclear Medicine, "Sapienza" University of Rome, Italy. Involvement in basic and pre-clinical research on radiolabelling of monoclonal antibodies and peptides for molecular imaging of inflammatory diseases and cancer.

*January 2008 – October 2010:* Specialization student in the Nuclear Medicine laboratory – Prof. A. Signore – University of Rome "Sapienza", S. Andrea Hospital: Thesis and experience in labeling peptides with gamma and positron emitting isotopes for imaging tumors and host response to tumors.

2006 – 2007: Stage and thesis in the laboratory of Microbiology – Prof. P. Ghelardini – University of Rome “Tor Vergata”: Visualization of mismatch repair in bacteria

#### **Awards, Fellowships & Research Projects**

*August 2014* - Best young presenting researcher at the 22th Meeting of the International Research group in Immuno-Scintigraphy and Therapy (IRIST), Cancun, Mexico.

*July 2014* – P.I. in the University Research Project: Radiolabelling and in vitro studies with a novel anti-CD56 monoclonal antibody for NK cell targeting

*July 2013* – P.I. in the University Research Project: Radiolabelled VEGF Analogues For Diagnostic Purposes In Ovarian And Thyroid Cancer.

*November 2012* - Best young presenting researcher at the 21th Meeting of the International Research group in Immuno-Scintigraphy and Therapy (IRIST), Bertinoro, Italy.

*November 2010* – Fellowship in the AIRC project 10359: Radiolabelled TSH superagonist analogue for diagnostic purposes in thyroid cancer.

*April 2010* – Best young presenting researcher at the 20th Meeting of the International Research group in Immuno-Scintigraphy and Therapy (IRIST), Groningen, The Netherlands.

*February 2009* - COST-BM0607 bursary of the European Community (February-April 2009) for 2 months at the Department of radiopharmacy of Prof. Helmut Maecke and the department of infectious diseases of dr. Andrej Trampuz at the Universitatsspital Basel (Switzerland).

#### **Publications**

Galli F, Rapisarda AS, Stabile H, Manni I, Bonanno E, Piaggio G, Gismondi A, Santoni A, Signore A. In vivo imaging of NK cell trafficking in tumors. J Nucl Med. 2015 Aug 13. pii: jnumed.114.152918. [Epub ahead of print]

Ceccarelli F, Perricone C, Galli F, Valesini G, Conti F. Use of <sup>99m</sup>Tc-labelled Anti-TNF Monoclonal Antibodies to Assess Patients Affected by Inflammatory Arthropathies. Int J Radiol Med Imag 2015, 1: 102.

Signore A, Glaudemans AW, Galli F, Rouzet F. Imaging infection and inflammation. Biomed Res Int. 2015;2015:615150.

Galli F, Lanzolla T, Pietrangeli V, Malviya G, Ricci A, Bruno P, Ragni P, Scopinaro F, Mariotta S, Signore A. In vivo evaluation of TNF-alpha in the lungs of patients affected by sarcoidosis. *Biomed Res Int.* 2015;2015:401341.

Baldoni D, Waibel R, Bläuenstein P, Galli F, Iodice V, Signore A, Schibli R, Trampuz A. Evaluation of a Novel Tc-99m Labelled Vitamin B12 Derivative for Targeting Escherichia coli and Staphylococcus aureus In Vitro and in an Experimental Foreign-Body Infection Model. *Mol Imaging Biol.* 2015 Apr 10.

Galli F, Iodice V, Lauri C, Signore A. New approaches to image thyroid cancer cells and microenvironment. *Q J Nucl Med Mol Imaging.* 2015;59(2):184-96.

Lauri C, Di Traglia S, Galli F, Pizzichini P, Signore A. Current status of PET imaging of differentiated thyroid cancer with second generation radiopharmaceuticals. *Q J Nucl Med Mol Imaging.* 2015;59(1):105-15.

Signore A, Capriotti G, Chianelli M, Bonanno E, Galli F, Catalano C, Quintero AM, De Toma G, Manfrini S, Pozzilli P; Action LADA Group. Detection of insulinitis by pancreatic scintigraphy with 99mTc-labeled IL-2 and MRI in patients with LADA (Action LADA 10). *Diabetes Care.* 2015;38(4):652-8.

Malviya G, Galli F, Sonni I, Signore A. Imaging T-lymphocytes in inflammatory diseases: a nuclear medicine approach. *Q J Nucl Med Mol Imaging.* 2014;58(3):237-57.

Galli F, Histed S, Aras O. NK cell imaging by in vitro and in vivo labelling approaches. *Q J Nucl Med Mol Imaging.* 2014;58(3):276-83.

Galli F, Manni I, Piaggio G, Balogh L, Weintraub BD, Szkudlinski MW, Fremont V, Dierckx RA, Signore A. 99mTc-labelled-rhTSH analogue (TR1401) for imaging poorly differentiated metastatic thyroid cancer. *Thyroid.* 2014 24(8):1297-308.

Glaudemans AW, Bonanno E, Galli F, Zeebregts CJ, de Vries EF, Koole M, Luurtsema G, Boersma HH, Taurino M, Slart RH, Signore A. In vivo and in vitro evidence that 99mTc-HYNIC-interleukin-2 is able to detect T lymphocytes in vulnerable atherosclerotic plaques of the carotid artery. *Eur J Nucl Med Mol Imaging.* 2014; 41(9):1710-9.

Erba PA, Glaudemans AW, Veltman NC, Sollini M, Pacilio M, Galli F, Dierckx RA, Signore A. Image acquisition and interpretation criteria for (99m)Tc-HMPAO-labelled white blood cell scintigraphy: results of a multicentre study. *Eur J Nucl Med Mol Imaging.* 2014 Apr;41(4):615-23.

Signore A, Lauri C, Galli F. Radiolabelled probes targeting infection and inflammation for personalized medicine. *Curr Pharm Des.* 2014;20(14):2338-45.

Glaudemans AW, de Vries EF, Galli F, Dierckx RA, Slart RH, Signore A. The use of (18)F-FDG-PET/CT for diagnosis and treatment monitoring of inflammatory and infectious diseases.

*Clin Dev Immunol.* 2013;2013:623036.

Glaudemans A.W.J.M, Galli F, Pacilio M, Signore A. Leukocyte and bacteria imaging in prosthetic joint infection. *Eur Cells Mater* 2013; 25:61-77

Karczmarczyk U, Garnuszek P, Maurin M, Di Gialleonardo V, Galli F, Signore A, Mikołajczak R. Investigation of <sup>99m</sup>Tc-labelling of recombinant human interleukin-2 (rhIL-2) via hydrazinonicotinamide (HYNIC). *Nucl Med Biol Nucl Med Biol*. 2010;37:795-803.

Malviya G, Galli F, Sonni I, Pacilio M, Signore A. Targeting T and B lymphocytes with radiolabelled antibodies for diagnostic and therapeutic applications. *Q J Nucl Med Mol Imaging*. 2010;54:654-76.

Chianelli M, Boerman O C, Malviya G, Galli F, Oyen W J G, Signore A. Receptor binding ligands to image infection. *Curr Pharm Des*. 2008;14:3316-3325

#### Book Chapters

Signore A, de Vries EFJ, Galli F and Malviya G. Chapter 22: Applications of molecular small-animal imaging in inflammation and infection. *Molecular Imaging of Small Animals: Instrumentation and Applications*, 9781493908943 pp. 637 - 683.

