

## Annunziata Gloghini

- **Date of birth:** February 27, 1954.
- **Degree:** Biologist, University of Genova, Italy
- **Post-doctoral degrees:** General Pathology, University of Genova, Italy
- **Post-doctoral training:** Visiting scientist Department of Pathology, University of Geneva (June 1984), Switzerland.

### Track Record *including* Top 5 publications in the last 5 years

#### Top 5 Publications in the last 5 years

- Gloghini A**, Dolcetti R, Carbone A. Lymphomas occurring specifically in HIV-infected patients: from pathogenesis to pathology. *Semin Cancer Biol.* 2013;23(6):457-467. **I.F. 09.330**
- Gloghini A**, Volpi CC, Caccia D, Gualeni AV, Cilia AM, Carbone A, Bongarzone I. Primary effusion lymphoma: secretome analysis reveals novel candidate biomarkers with potential pathogenetic significance. *American Journal of Pathology* 184:618-630, 2014. **I.F. 04.591**
- Gloghini A**, Bosco A, Ponzoni M, Spina M, Carbone A. Immunoarchitectural patterns in nodular lymphocyte predominant Hodgkin lymphoma: pathologic and clinical implications. *Expert Reviews of Hematology.* 2015;8:217-223 **I.F. 02.070**
- Gloghini A**, Bongarzone I. Cell-secreted signals shape lymphoma identity. *Seminars in Cancer Biology* 34:81-91, 2015. **I.F.09.330**
- Dolcetti R, **Gloghini A**, Caruso A, Carbone A. A lymphomagenic role for HIV beyond immune suppression? *Blood.* 2016 Jan 14. pii: blood-2015-11-681411. [Epub ahead of print] **I.F.10.452**

#### Top 5 Publications in the previous years

- Carbone A, **Gloghini A**, Larocca LM, Capello D, Pierconti F, Canzonieri V, Tirelli U, Dalla-Favera R, Gaidano G: Expression profile of MUM1/IRF4, BCL-6, and CD138/syndecan-1 defines novel histogenetic subsets of human immunodeficiency virus-related lymphomas. *Blood* 2001;97(3):744-751 **I.F. 10.452**
- Gloghini A**, Gaidano G, Larocca LM, Pierconti F, Cingolani A, Dal Maso L, Capello D, Franceschi S, Tirelli U, Libra M, Niu H, Dalla-Favera R, Carbone A: Expression of cyclin-dependent kinase inhibitor p27Kip1 in AIDS-related diffuse large cell lymphomas is associated with EBV-encoded latent membrane protein 1. *American Journal of Pathology* 161: 163-171, 2002 **I.F. 04.591**
- Klein U, **Gloghini A**, Gaidano G, Chadburn A, Cesarman E, Dalla-Favera R, **Carbone A**: Gene expression profile analysis of AIDS-related primary effusion lymphoma (PEL) suggests a plasmablastic derivation and identifies PEL-specific transcripts. *Blood* 2003;101(10):4115-4121. **I.F. 10.452**

**Gloghini A**, Canal B, Dal Maso L, Carbone A. Multiple gene expression analyses in human lymphoid tissues by taqman low-density array using amplified rna isolated from paraffin-embedded samples. *Diagnostic Molecular Pathology* 18:156-164, 2009. **I.F. 01.861**

**Gloghini A**, Buglio D, Khaskhely NM, Georgakis G, Orłowski RZ, Neelapu SS, Carbone A, Younes A. Expression of histone deacetylases in lymphoma: implication for the development of selective inhibitors. *British Journal of Haematology* 147:515-525, 2009 **I.F. 04.971**

### **Overall Track Record**

- **Professional appointments.**

- 2007- Senior staff researcher in the Department of Pathology and Laboratory Medicine of the Istituto Nazionale dei Tumori - Milano, Italy.
- 2002-2007 Head of the “Diagnostic Immunohistochemistry and Molecular Pathology Unit at the Centro di Riferimento Oncologico, Aviano, Italy
- 1994-2002 Deputy Director at the Division of Pathology at the Centro di Riferimento Oncologico, Aviano, Italy
- 1986-1993 Assistant at the Division of Pathology at the Centro di Riferimento Oncologico, Aviano, Italy

- **International appointments.**

- 2010 – **Member** of the Italian TNM Staging Committee UICC

- **Honours and awards.** Papers were awarded with special recognitions (Featured Cover Article):

- Carbone A, **Gloghini A**, Castagna L, Santoro A, Carlo-Stella C. Primary Refractory and Early-Relapsed Hodgkin Lymphoma: Strategies for Therapeutic Targeting Based on the Tumor Microenvironment. *J Pathol* 2015,237(1):4-13. **I.F.07.429**
- Carbone A, Botti G, **Gloghini A**, Simone G, Truini M, Curcio MP, Gasparini P, Mangia A, Perin T, Salvi S, Testi A, Verderio P. Delineation of HER2 Gene Status in Breast Carcinoma by Silver in Situ Hybridization is Reproducible among Laboratories and Pathologists. *J Mol Diagn* 2008;10(6):527-536. **I.F.04.851**

- **Contribution to the field of research**

The fields of main interest are Hodgkin and non-Hodgkin lymphomas, in particular HIV-associated lymphomas. She contributed to the latter field of research studying and improving the morphologic classification of HIV-associated lymphomas and their viral association. The study of the

microenvironmental impact on lymphomagenesis is the recent contribution of the Researcher to these fields of interest.

The main fields of expertise are immunophenotyping of hematological neoplasms, and application of new in situ molecular techniques for the molecular and virologic characterization of human solid tumours and lymphomas.

She has published over 300 articles in international peer-reviewed journals (h-index: 60 [Google Scholar database]).

- **Opinions: published articles as invited Editorials or Letters**

- Carbone A, **Gloghini A.** Activated DDR1 increases RS cell survival. *Blood.* 2013;122(26):4152-4154.
- Carbone A, **Gloghini A.** The microenvironment of AIDS-related diffuse large B-cell lymphoma provides insight into the pathophysiology and indicates possible therapeutic strategies. *Blood.* 2013;122(3):459-460.
- Carbone A, **Gloghini A.** Plasmablastic lymphoma: one or more entities? *Am J Hematol.* 2008;83(10):763-764

- **Selected invited talks:**

2015 - Digital pathology clinical applications and non –clinical application: Focus on “in situ molecular pathology”. At the Digital Pathology Workshop: Is it time to set up an International post-graduate school for digital pathology? Roche Diagnostics, Monza

2011 - “L’evoluzione delle metodiche ISH in oncologia” Napoli, Roma, Bologna.

2008- “Delineation of HER2 Gene Status in Breast Carcinoma by Bright field (chromogenic and silver) in situ hybridization” at the OECI Pathobiology Workshop: Structure and Genetics, the new Paradigm. Cluj, Romania

- **Peer review**

- Reviewing for international journals: *British Journal of Cancer*, *Clinical Cancer Research*, *Future Virology*, *Journal of Neuroscience in Rural Practice*, *Journal of Pediatric Infectious Diseases*, *PLOS one*

**Collaborations:** She has been involved in active collaborations with international groups from Memorial Sloan Kettering Cancer Center (Anas Younes), from University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania (Liron Pantanowitz), from IARC, Lyon, France (Silvia Franceschi)

National Expert in “Test predittivi in situ (ISH – CISH – SISH) e diagnostica virologica oncologica” for the Oncological Telepathology Network of the Sicily Region