

WORK EXPERIENCE

Prof. Troncone is Leader of a large research group involved in the field of precision medicine, focusing on the discovery, validation and clinical implementation of genomic and immune biomarkers in the diagnosis, prognostic assessment and predictive evaluation of a number of solid human tumors. He is the Co-Chair of the Cytopathology working Group of the European Society of Pathology, which gives him the opportunity to coordinate a number of multi-institutional worldwide studies leading to a better standardization of advanced molecular technologies in the field of anatomic pathology.

- 2019-present **Head of the Department of Public Health**
Department of Public health, University of Naples Federico II, Naples, Italy.
▪ Responsible of the Department
Public health
- 2015-present **Full Professor of Anatomic Pathology**
Department of Public health, University of Naples Federico II, Naples, Italy.
▪ Research and clinical activities
Anatomic and Molecular Pathology
- 2008-2015 **Associate Professor of Anatomic Pathology**
Department of Public health, University of Naples Federico II, Naples, Italy.
▪ Research and clinical activities
Anatomic and Molecular Pathology
- 2000-2008 **Researcher of Anatomic Pathology**
Department of Biomorphological and Functional Sciences, University of Naples Federico II, Naples, Italy.
▪ Research and clinical activities
Anatomic and Molecular Pathology

EDUCATION AND TRAINING

- 1996 **Research fellowship**
Department of Pathology of Deaconess Hospital, Harvard Medical School, Boston, USA
▪ Expression of cyclin-dependent kinase inhibitors in cervical neoplasia
- 1996 **Research fellowship**
Anatomic Pathology Laboratory of the Gregorio Maranon Hospital, Madrid and the Onco-Hematology Laboratory of the Virgen de la Salud Hospital, Toledo, Spain
▪ immunocytochemical expression of p53, p21 / WAF1 proteins in relation to the presence of HPV infection
- 1994 **PhD. In pathology**
University of Naples Federico II
Anatomic and Molecular Pathology
- 1993 **Research fellowship**
Cytopathology Section, Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, USA
▪ exfoliative and aspirative cytological diagnostic activities
- 1989-1991 **Research fellowship**
Nuffield Department of Pathology, University of Oxford, United Kingdom
▪ isotopic and non-isotopic in situ hybridization methods for HPV testing

1989 **Specialization in Anatomic pathology with full marks and laude**

University of Naples Federico II, Naples, Italy.

- Anatomic Pathology

1985 **M.D. degree with full marks and laude**

University of Naples Federico II, Naples, Italy.

- Medicine and Surgery

WORK ACTIVITIES

Awards 1995 Award for one of the best works presented at the IV Congresso Nazionale della Federazione Italiana delle Società di Anatomia Patologica e Citologia Diagnostica (FISAPEC), Abano Terme October 6-10, 1995.; 1997 Award conferred the best works presented at the Congresso Italiano di Anatomia, Istologia e Citologia Patologica, Pisa 21-24 May 1997.

Editorial activity JMP (Editor in Chief); Cancers (Editor); Cancer Cytopathology (Editor)

Invited presentations More than 100 invited presentation in national and international congress

Grants DiaCarta Inc: Evaluation of a novel liquid biopsy-based ColoScape assay for mutational analysis of colorectal neoplasia and triage of FIT+ patients: a pilot study. 200000 euro ; Amgen s.r.l.: Performance evaluation of Fully Automated Real Time PCR approach (IDylla™) for RAS and BRAF mutation detection in clinical practice of metastatic ColorEctal Cancer patients: an itALian multicenter STUDY. 400000 euro.

ADDITIONAL INFORMATION**Publications**

total number of publications in peer-review journals: 320 (sec. Scopus)

number of paper in the last 10 years: 220 (sec. Scopus)

total number of citations: 8691 (sec. Scopus)

H index: 49 (sec. Scopus)

- Malapelle U, et al. Reference standards for gene fusion molecular assays on cytology smears: a validation study. J Clin Pathol. 2021. Epub ahead of print.

- Malapelle U, et al. Development of a gene panel for next-generation sequencing cell-free DNA from cancer patients. Br J Cancer. 2017 Mar 14;116(6):802-810.

- De Luca C, Pepe F, Iaccharino A, et al. RNA-Based Assay for Next-Generation Sequencing of Gene Fusions in Non-Small Cell Lung Cancer. Cancers (Basel). 2021;13:139.

Naples, 28/01/2022