PROF. FABIO PAGNI

JOB EXPERIENCE

09/2019 - 06/2023 **Associate professor of Pathology**

University Milan Bicocca - Milan

- 2019-2023 Director Residency Program in Pathology University Milan Bicocca
- 2021 National Scientific Qualification (art.16 of the law 30 December 2010, n.240) for Full Professor in Pathology (06/A4, MED 08)
- 2022 Chief NGS facility IRCCS San Gerardo, Monza, Italy
- 2022 Chief of the Oncological Molecular Pathology Unit, IRCCS San Gerardo, Monza
- 2023 Member of the Regione Lombardia Committee for the Digital Pathology Network

11/2010 - 08/2019 **Researcher**

University Milan Bicocca - Milan

EDUCATION AND TRAINING

2021 Master in Health Management DIAS (Corso di Formazione Manageriale per Direzione di Azienda Socio-Sanitaria, DIAS)
POLIS-Regione Lombardia - Milan

2010 School of specialization in Pathology
University Milan Bicocca - Milan

2009 Fellowship at Centro Diagnostico Italiano, Oncological Consultation Center, Chief Juan Rosai - Milan

2005 MD: Pathology
University Milan Bicocca - Milan

PROFESSIONAL PROFILE

CLINICAL ASSISTANCE

The main clinical fields of interest are:

- **HISTOPATHOLOGY:** thyroid pathology, nephropathology and hematopathology;
- **CYTOPATHOLOGY:** lung and thyroid pathology;
- **MOLECULAR PATHOLOGY:** coordination of the Oncological Molecular Pathology Unit and the NGS facility at IRCCS San Gerardo Hospital, Monza

He is an experienced pathologist, being responsible for the US-guided clinic for thyroid FNA at IRCCS San Gerardo Hospital, Monza (around 1000 personally performed thyroid biopsies/year).

RESEARCH

The main field of interest is molecular pathology, as the application of omics for the diagnosis of both neoplastic (thyroid) and inflammatory (kidney) conditions.
Fabio Pagni has spent the last years improving his knowledge in proteomics and NGS to detect new diagnostic approaches in pathology. The potential correlation of the proteomics profiles with the genomic data could help in discriminating new targets, transferable in the routine practice.
Recently he coordinated the transition of his lab from a traditional workflow to **digital pathology**. Both light microscopy and fluorescence scanners were introduced in the routine practice and changed the diagnostic process, offering a great resource for the research field, where the computational pathology era began.

EDUCATION

He directs the School of Specialization in Pathology at UNIMIB (www.apunimib.it)
He coordinates different courses at UNIMIB both in the Medicine and Surgery Faculty and Technical Lab/ Odontoiatry Schools.

PROFESSIONAL SKILLS

GRANTS

Principal Investigator of the following competitive grants:

- AIRC My First Airc Grant 2016 (PI, 220,000 euro; proteomic classifier for indeterminate thyroid lesions);
- Minister of Health Ricerca Finalizzata 2019 (PI, 450,000 euro; GR-2019-1236859 proteomics for the classification of follicular thyroid neoplasms: a project to save thyroid);

- Regione Lombardia DGR 3776/2020 (Co-PI, 1,700,000 euro; NephropaTHy-SpatialOMx integrated platform for the diagnosis of thyroid diseases);
- PNRR Next Generation EU (Coordinator Unit 3 - 1,000,000 euro; PNRR-MR1-2022-12375735 Diplomat, DIgital PLatform for OMics and Artificial intelligence in Transplant and native rare renal diseases).
- DGR n. XI/6989/2022 Regione Lombardia NGS Facility (Principal Investigator for IRCCS San Gerardo, Monza, 200,000 euro)
- He is the Principal Investigator for the Department of Medicine and Surgery, UNIMIB of the MUR- Dipartimento di Eccellenza 2023-2027 (Impact Medicine IMaging e PAtologia digitale CombinaTi per nuove traiettorie di diagnosi e terapia, 9,000,000 euro).

TRACK RECORD SUMMARY (2018-2023)

https://pubmed.ncbi.nlm.nih.gov/?term=pagni+f&sort=date

Author of more than 170 PUMED indexed papers since 2007
Total number of papers since 2018: 77
Average IF (since 2018 of papers with IF):6,7
Number of papers as First, Last, or Corresponding Author (since 2018): 34
Active IF (since 2018): 200
Total IF (since 2018): 494
H-index (Scopus): 25

LANGUAGES

Italian

English : European certification (2004):
level B1 (Spoken interaction)-
level B2 (Grammatical knowledge)
British School of Monza

HOBBIES

- Tennis player since the childhood (max. Italian Chart: 3.4)
- Father of 3 boys: Pietro, Leonardo and Santiago.

CV in compliance with Italian law art. 13 D. Lgs. 196/2003 and art. 13 GDPR (UE 2016/679)

Fabio Pagni

10/6/2023 Milan