

STEFANIA RAFFAELLA BETTELLI
CURRICULUM VITAE

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Office: room 4.28, IV Piano COM, Modena University Hospital
Student Meeting: by appointment

CURRENT POSITION
CHIEF OF MOLECULAR PATHOLOGY AND PREDICTIVE MEDICINE UNIT, AOU Modena

ACTIVITY

RESEARCH AND CLINICAL ACTIVITY:

Genomic analysis for the study of molecular markers with diagnostic and predictive value in Cancer Pathology: in particular in Breast Cancer (HER and PIK3ca genes), Colo-Rectal Cancer (KRAS, NRAS, BRAF genes), Lung Cancer (EGFR, KTAS, BRAF, ALK genes), Lymphomas (BCL1, BCL2, CMYC, MALT genes), sarcomas (EWS, SYT, FKHR, CHOP genes), Melanomas (BRAF, NRAS, C-KIT genes) and Brain Tumors (IDH 1-2, MGMTgenes).

APPLIED TECHNOLOGIES:

In Situ Hybridization (FISH, CISH, DDISH), PCR, RT-PCR, Multiplex PCR, Direct Gene Sequencing, Pyrosequencing, Mass Spectrometry (MALDI-TOF) for Genomic Analysis, Next generation Sequencing (NGS),

Gene Expression Analyses.

DIDACTIC ACTIVITY:

Adjunct Professor in the Laboratory Technician Course of the Faculty of Medicine of Modena and Reggio Emilia University: Course of Molecular Pathology

PUBLICATIONS:

Co-author of 57 publications published in peer-reviewed international journals with impact factor.
Scopus Author ID: 6603737644, ORCID: orcid.org/0000-0002-3885-674X

WORK/ACADEMIC EXPERIENCE

Name of the employer:

UNIMORE University of Modena and Reggio Emilia
Department of Medical and Surgical Sciences (SMECHIMAI),
Division of Pathology, Molecular Pathology Laboratory
AOU-Modena

Department of Laboratory and Pathology Medicine
Division of Pathology, Molecular Pathology Laboratory

Position:

-01/05/2020-present: Chief of Molecular Pathology and Predictive Medicine Unit, AOU Modena
-1/05/2015-30/04/2020: Executive Biologist, AOU Modena and Graduate Assistant UNIMORE
-15/01/2004-30/04/2005: Graduate Assistant (D category)
-18/09/1995-15/01/2004: Technical Assistant (C category)
-1/01/1992-31/12/1994: Research Contract

EDUCATION AND TRAINING

-2005: Specialist in Clinical Pathology, summa cum laude at the University of Modena
-1990: Master: "Methodology of Laboratory Research" at the University of Modena
-1989: Doctoral degree in Biological Science, summa cum laude at the University of Modena

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