

## PERSONAL INFORMATION

### Chiara Calatozzolo

📍 Fondazione IRCCS Istituto Neurologico Carlo Besta  
UOC Neurologia V-Neuropatologia

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## WORK EXPERIENCE

December 2019 - present

### Italian NHS Reseacher

U.O.C. Neurologia V – Neuropatologia, Fondazione IRCCS Istituto Neurologico “C. Besta”, via Celoria 11, 20133 Milano

- Involved in diagnostic procedures of histopathology of brain tumors and in research activity to study diagnostic, prognostic and predictive markers in adult and paediatric CNS tumors.

May 2011 - December 2019

### Contract Researcher

U.O.C. Neurologia V – Neuropatologia, Fondazione IRCCS Istituto Neurologico “C. Besta”, via Celoria 11, 20133 Milano

- Involved in diagnostic procedures of histopathology of brain tumors and in research activity to study diagnostic, prognostic and predictive markers in adult and paediatric CNS tumors.

May 2010 – April 2011

### Fellowship

U.O.C. Neurologia V – Neuropatologia, Fondazione IRCCS Istituto Neurologico “C. Besta”, via Celoria 11, 20133 Milano

- Involved in diagnostic procedures of histopathology of brain tumors and in research activity to study diagnostic, prognostic and predictive markers in adult and paediatric CNS tumors.

October 2009 - April 2010

### Contract Researcher

U.O.C. Neurologia V – Neuropatologia, Fondazione IRCCS Istituto Neurologico “C. Besta”, via Celoria 11, 20133 Milano

- Involved in diagnostic procedures of histopathology of brain tumors and in research activity to study diagnostic, prognostic and predictive markers in adult and paediatric CNS tumors.

July 2007 - August 2009

### Fellowship

S.C. di Radioterapia dell'Ospedale Niguarda Ca' Granda, Piazza Ospedale Maggiore 3, 20162 Milano

- Investigator in a project in the radiobiology field, to study the effects of radiations on glioblastoma cells and on cellular populations of brain parenchyma.

May 2003 - May 2007

### Fellowships

U.O. Neurologia II, Fondazione IRCCS Istituto Neurologico “C. Besta”, via Celoria 11, 20133 Milano

- Investigator in several projects about neuro-oncology, mainly regarding malignant glioma, with *in vitro* and *in vivo* studies.

May 2002 - April 2003

### Contract Researcher

U.O. Laboratorio Analisi, Fondazione IRCCS Istituto Neurologico “C. Besta”, via Celoria 11, 20133 Milano

- Involved in the research project: “Ruolo di TRAIL nell'induzione dell'apoptosi in cellule di glioma umano”.

September 2000 - March 2002

### Master thesis internship

Laboratory of Prof. Alberto Corsini at Pharmacological Sciences Department, Faculty of Pharmacy, Università degli Studi di Milano, via Balzaretto, 9, 20133 Milano

- Involved in the laboratory activities and in the thesis project “Effetti del trattamento con statine lipofile sui livelli plasmatici della proteina prenilata rap 1”

1999 **Internship**

Quality control laboratory at Biologici Italia Laboratories Srl, via Cavour Camillo Benso, 41/43, 20026 Novate Milanese

- Three-months internship in a quality control laboratory of a pharmaceutical industry, performing tests on injections preparations and raw material

## EDUCATION AND TRAINING

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2007 - 2012 **Specialization in Clinical Pathology**

Università degli Studi di Pavia, Faculty of Medicine and Surgery, Strada Nuova 65, 27100 Pavia

- Thesis project: “Studio di espressione del nuovo recettore di CXCL12, CXCR7 nei gliomi”, 50 *cum laude*

January 2003 **Registered pharmacist**

Università degli Studi di Milano, Faculty of Pharmacy, via Balzaretti 9, 20133 Milano

- Licensure exam to practice as a pharmacist, following the 6 months' apprenticeship in a pharmacy.

1993 - 2002 **Master degree in Pharmaceutical Chemistry and Technology**

Università degli Studi di Milano, Faculty of Pharmacy, via Balzaretti 9, 20133 Milano

- Thesis project: “Effetti del trattamento con statine lipofile sui livelli plasmatici della proteina prenilata rap 1”, 98/110

1997 **Evaluator of quality control systems**

Università degli Studi di Milano, Faculty of Chemistry, Via Camillo Golgi 19, 20133 Milano

- 44 hours' course organized under the sponsorship of CERTICHIM and UNICHIM, related to “Sistemi Qualità: applicazioni delle norme ISO 9000 e aspetti di controllo di prodotto e di processo”

1988 - 1993 **Scientific high school diploma**

Liceo Scientifico Statale R. Donatelli, viale Campania, 6, 20133 Milano

## ACHIEVEMENTS AND AWARD

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**Awards** 2007: winner for best poster communication at XII National Congress and Residential Course of Associazione Italiana di Neuro-Oncologia, Lecce, 30 September - 3 October 2007

## TECHNICAL SKILLS

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- Histology, immunohistochemistry and immunocytochemistry techniques.
- Confocal microscopy.
- Management of cell cultures, immortal cell lines and primary cultures obtained from tissue.
- Use of assays to assess vitality, proliferation, apoptosis, migration and invasion of cell cultures.
- Clonogenic assay for the evaluation of radiation treatments on cell cultures.
- Isolation of monocyte population from blood.
- Flow cytometry.
- RNA/DNA extraction, reverse transcription, PCR e real-time quantitative PCR.
- Electrophoresis, western blotting, ELISA assay.
- Use of the Windows operating system and software for capture and data/image processing