

**INFORMAZIONI
PERSONALI****Claudio Giuseppe Molteni****POSIZIONE
RICOPERTA****Clinical study startup - Study coordinator - Research scientist****TITOLO DI STUDIO****Master in Data management per la ricerca clinica - Dottorato di ricerca in Medicina molecolare e traslazionale – Laurea in Biotecnologie mediche****ESPERIENZA PROFESSIONALE**

Maggio 2023 – Marzo 2024	Regulatory Affairs Officer (clinical study startup, data manager) IRCCS Ospedale San Raffaele, Milano (MI)
Gennaio 2023 – Aprile 2023	Data manager/Study coordinator Multimedica S.p.A, Sesto San Giovanni (MI)
Settembre 2020–Novembre 2022	Collaboratore di ricerca Università degli Studi di Milano-Bicocca, Monza (MB)
Marzo 2019 - Giugno 2020	Data manager/Study coordinator ASST Ovest Milanese, Legnano (MI)
Luglio 2017 – Dicembre 2018	Records Management Associate QuintilesIMS/IQVIA, Milano
Luglio 2016-Novembre 2016	Tirocinio – Data manager/Study coordinator Istituto Europeo di Oncologia, Milano
Aprile 2010 - Aprile 2014	Assegnista di ricerca Università degli Studi di Milano - IRCCS Policlinico Cà Granda, Milano
Ottobre 2012 - Maggio 2013	Missione per collaborazione scientifica Center for Experimental Immunology and Infectious Diseases, University of Texas Medical Branch, Galveston, TX, USA
Ottobre 2009 - Dicembre 2009	Missione per collaborazione scientifica Health Protection Agency, London, UK
Novembre 2008 - Aprile 2010	Collaboratore di ricerca IRCCS Policlinico Cà Granda, Milano
Luglio 2004 - Ottobre 2008	Collaboratore di ricerca - PhD student Ospedale S.Gerardo - Università di Milano-Bicocca, Monza
Soettembre 2002 - Luglio 2004	Tesi sperimentale CNR-Istituto di Neuroscienze, via Vanvitelli, Milano

ISTRUZIONE E FORMAZIONE

Novembre 2022	Abilitazione all' esercizio della professione di Biologo Università degli Studi di Milano
Ottobre 2015 - Novembre 2016	Master, Data Management per la Ricerca Clinica Università degli Studi di Milano - Bicocca
Luglio 2015 – Agosto 2015	Corso “Missione CRA” Clinopshub srl

Novembre 2005 - Marzo 2009	Dottorato di ricerca, Medicina Traslazionale e Molecolare Università degli Studi di Milano - Bicocca
Settembre 1999 - Luglio 2004	Laurea, Biotecnologie Mediche Università degli Studi di Milano
Settembre 1994 - Luglio 1999	Maturità Scientifica Liceo Scientifico "M.G.Agnesi", Merate (LC)

COMPETENZE PERSONALI

Competenze comunicative	• Presentazione dati a congressi e seminari • Scrittura scientifica • Teamworking
Competenze organizzative e gestionali	• Gestione studi clinici in U.O. ospedaliera • Lab management

PUBBLICAZIONI

Pellegrinelli L, Castiglioni S, Cocuzza CE, Bertasi B, Primache V, Schiarea S, Salmoiraghi G, Franzetti A, Musumeci R, Tilola M, Galuppini E, Bertanza G, Callegari , Stefani F, Turolla A, Ammoni E, Cereda D, Pariani E, Binda S and the **WBE Study Group**. Evaluation of Pre-Analytical and Analytical Methods for Detecting SARS-CoV-2 in Municipal Wastewater Samples from Northern Italy. *Water* 2021; 14, 833.

Musumeci R, Troiano P, Martinelli M, Piovella M, Carbonara C, Rossi S, Alessio G, Molteni L, **Molteni CG**, Saderi L, Sotgiu G, Cocuzza CE. Effectiveness of 0.66% Povidone-Iodine Eye Drops on Ocular Surface Flora before Cataract Surgery: A Nationwide Microbiological Study. *J Clin Med* 2021; 10:2198

Molteni CG, Principi N, Esposito S. Reactive oxygen and nitrogen species during viral infections. (Review). *Free Radic Res* 2014; Oct;48(10):1163-9.

Gupta MR, Kolli D, **Molteni C**, Casola A, Garofalo RP. Paramyxovirus infection regulates T cell responses by BDCA-1⁺ and BDCA-3⁺ myeloid dendritic cells. *PLoS One* 2014; 9(6):e99227

Molteni CG, Terranova L, Zampiero A, Galeone C, Principi N, Esposito S. Comparison of manual methods of extracting genomic DNA from dried blood spots collected on different cards: implications for clinical practice. *Int J Immunopathol Pharmacol*. 2013; 26(3):779-83.

Esposito S, **Molteni CG**, Giliani S, Mazza C, Scala A, Tagliaferri L, Pelucchi C, Fossali E, Plebani A, Principi N. Toll-like receptor 3 gene polymorphisms and severity of pandemic A/H1N1/2009 influenza in otherwise healthy children. *Virol J*. 2012; 9:270.

Esposito S, **Molteni CG**, Zampiero A, Baggi E, Lavizzari A, Semino M, Daleno C, Groppo M, Scala A, Terranova L, Miozzo M, Pelucchi C, Principi N. Role of polymorphisms of toll-like receptor (TLR) 4, TLR9, toll-interleukin 1 receptor domain containing adaptor protein (TIRAP) and FCGR2A genes in malaria susceptibility and severity in Burundian children. *Malar J*. 2012; 11(1):196.

Esposito S, **Molteni CG**, Daleno C, Valzano A, Fossali E, Da Dalt L, Cecinati V, Bruzzese E, Giacchino R, Giaquinto C, Lackenby A, Principi N. Clinical and socioeconomic impact of different types and subtypes of seasonal influenza viruses in children during influenza seasons 2007/2008 and 2008/2009. *BMC Infect Dis* 2011; 11:271.

Esposito S, **Molteni CG**, Daleno C, Tagliabue C, Picciolli I, Scala A, Pelucchi C, Fossali E, Principi N. Impact of pandemic A/H1N1/2009 influenza on children and their families: Comparison with seasonal A/H1N1 and A/H3N2 influenza viruses. *J Infect*. 2011; 63:300-307.

Esposito S, Cantarutti L, **Molteni CG**, Daleno C, Scala A, Tagliabue C, Pelucchi C, Giaquinto C, Principi N. Clinical manifestations and socio-economic impact of influenza among healthy children in the community. *J Infect*. 2011; 62:379-387

Esposito S, **Molteni CG**, Daleno C, Valzano A, Fossali E, Da Dalt L, Cecinati V, Bruzzese E, Giacchino R, Giaquinto C, Galeone C, Lackenby A, Principi N. Clinical importance and impact on the households of oseltamivir-resistant seasonal A/H1N1 influenza virus in healthy children in Italy. *Virol J.* 2010;7:202.

Esposito S, **Molteni CG**, Daleno C, Valzano A, Tagliabue C, Galeone C, Milani G, Fossali E, Marchisio P, Principi N. Collection by trained pediatricians or parents of mid-turbinate nasal flocked swabs for the detection of influenza viruses in childhood. *Virol J.* 2010; 7:85.

Esposito S, **Molteni CG**, Colombo C, Daleno C, Daccò V, Lackenby A, Principi N. Oseltamivir-induced resistant pandemic A/H1N1 influenza virus in a child with cystic fibrosis and *Pseudomonas aeruginosa* infection. *J Clin Virol.* 2010; 48(1):62-5.

Esposito S, **Molteni CG**, Daleno C, Valzano A, Cesati L, Gualtieri L, Tagliabue C, Bosis S, Principi N. Comparison of nasopharyngeal nylon flocked swabs with universal transport medium and rayon-bud swabs with a sponge reservoir of viral transport medium in the diagnosis of paediatric influenza. *J Med Microbiol* 2010; 59(Pt 1):96-9.

Molteni CG, Te Kronnie G, Bicciato S, Villa T, Tartaglia M, Basso G, Biondi A, Cazzaniga G. *PTPN11* mutations in childhood acute lymphoblastic leukemia occur as a secondary event in a preleukemic hyperdiploid clone. *Leukemia* 2010; 24(1):232-5

Molteni CG, Cazzaniga G, Condorelli DF, Fortuna CG, Biondi A, Musumarra G. Successful application of OPLS-DA for the discrimination of wild-type and mutated cells in acute lymphoblastic leukemia. *QSAR & Combinatorial Science* 2009; 28(8):822-828.

Gaipa G, Bugarin C, Longoni D, Cesana S, **Molteni C**, Faini A, Timeus F, Zecca M, Biondi A. Aberrant GM-CSF signal transduction pathway in juvenile myelomonocytic leukaemia assayed by flow cytometric intracellular STAT5 phosphorylation measurement. *Leukemia* 2009; 23(4):791-3.

Bungaro S, Irving J, Tussiwand R, Mura R, Minto L, **Molteni C**, Citterio M, Hall A, Biondi A, Cazzaniga G. Genomic analysis of different clonal evolution in a twin pair with t(12;21) positive Acute Lymphoblastic Leukemia sharing the same prenatal clone. *Leukemia* 2008; 22(1):208-11.

COMUNICAZIONI SCIENTIFICHE

Molteni CG, Martinelli M, Primache V, Binda S, Castiglioni S, Schiarea S, Franzetti A, Pittino F, Galli C, Bubba L, Pellegrinelli L, Pariani E, Musumeci R, Cocuzza CE, Turolla A, Malpei F. Optimization of sample processing for detection of SARS-CoV-2 in wastewater samples. 31st European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 9-12 July 2021 (online)

Martinelli M, **Molteni CG**, Calcagno G, Bubba L, Galli C, Musumeci R, Giubbi C, Perdoni F, Castriciano S, Pariani E. et al. Alternative pre-analytical strategies for SARS-CoV-2 RNA detection. 31st European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 9-12 July 2021 (online)

Bubba L, Galli C, Pellegrinelli L, Martinelli M, Castriciano S, Musumeci R, **Molteni C**, Giubbi C, Contro E, Rigoldi M, Cocuzza C, Binda S, Pariani E. Alternative sampling strategies for SARS-CoV-2 detection: assessment of agreement and analysis of real-time RT-PCR cycle threshold results. 31st European Congress of Clinical Microbiology and Infectious Diseases, 9-12 July 2021 (online)

Martinelli M, Giubbi C, Musumeci R, Perdoni F, **Molteni C**, Di Meo ML, Sina FP, Fruscio R, Landoni F, Castriciano S, Cocuzza CE. Assessment of HPV testing on self-samples in the follow-up of women treated for cervical dysplasia. 31st European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 9-12 July 2021 (online)

Esposito S, Marchisio P, Baggi E, **Molteni C**, Tirelli S, Bianchini S, Zampiero A, Galeone C, Torresani E, Principi N. Vitamin D deficiency is associated with an increased risk of recurrent acute otitis media with repeated tympanic membrane perforation (poster presentation). 30th annual meeting of the European Society for Pediatric Infectious Diseases (ESPID), Thessaloniki (Greece), May 8-12, 2012

Esposito S, **Molteni CG**, Daleno C, Semino M, Lavizzari A, Baggi E, Zampiero A, Terranova L, Scala A, Principi N. Role of Toll-like receptors 4 and 9, TIRAP and FCGR2A genes in malaria incidence and severity (poster presentation). 30th annual meeting of the European Society for Pediatric Infectious Diseases (ESPID), Thessaloniki (Greece), May 8-12, 2012

Baggi E, Marchisio P, **Molteni CG**, Tirelli S, Bianchini S, Zampiero A, Galeone C, Torresani E, Principi N, Esposito S. Il deficit di vitamina D è associato ad un aumentato rischio di otiti medie acute ricorrenti (OMAR) con otorrea recidivante (abstract). 12° Congresso Nazionale Società Italiana di Infettivologia Pediatrica (SITIP), Firenze (Italy), March 22-23, 2012.

Molteni CG, Daleno C, Semino M, Lavizzari A, Baggi E, Zampiero A, Terranova L, Scala A, Principi N, Esposito S. Ruolo di *Toll-like receptor* (TLR) 4, TLR9, TIRAP/MAL e FCGR2A nel condizionare incidenza e gravità della malaria (poster presentation). 12° Congresso Nazionale Società Italiana di Infettivologia Pediatrica (SITIP), Firenze (Italy), March 22-23, 2012.

Esposito S, **Molteni CG**, Giliani S, Mazza C, Scala A, Tagliaferri L, Pelucchi C, Fossali E, Plebani A, Principi N. Toll-like receptor 3 gene polymorphisms and severity of pandemic A/H1N1/2009 influenza in otherwise healthy children (poster presentation). 51st Interscience Conference on Antimicrobial Agents & Chemotherapy (ICAAC), Chicago (USA), September 17-20 2011

Molteni CG, Giliani S, Mazza C, Scala A, Tagliaferri L, Pelucchi C, Fossali E, Plebani A, Principi N, Esposito S. Toll-like receptor 3 gene polymorphisms and severity of pandemic A/H1N1/2009 influenza in otherwise healthy children (ESPID Research Masterclass, oral presentation). 29th annual meeting of the European Society for Pediatric Infectious Diseases (ESPID), The Hague (Netherlands), June 7-11, 2011

Esposito S, Daleno C, Scala A, Tagliabue C, Semino M, Tenconi R, Terranova L, **Molteni CG**, Principi N. Viral co-infections in infants with community-acquired pneumonia (CAP) (poster presentation). 29th annual meeting of the European Society for Pediatric Infectious Diseases (ESPID), The Hague (Netherlands), June 7-11, 2011

Esposito S, **Molteni CG**, Giliani S, Scala A, Picciolli I, Tagliabue C, Daleno C, Plebani A, Principi N. Impact of Toll-like Receptor 3 polymorphisms on severity of influenza (oral presentation). 29th annual meeting of the European Society for Pediatric Infectious Diseases (ESPID), The Hague (Netherlands), June 7-11, 2011

Esposito S, **Molteni CG**, Colombo C, Daleno C, Daccò V, Lackenby A, Principi N. Oseltamivir-induced resistant pandemic A/H1N1 influenza virus in a child with cystic fibrosis (poster presentation). 28th annual meeting of the European Society for Pediatric Infectious Diseases, Nice, France, May 4-8, 2010

Daleno C, **Molteni CG**, Valzano A, Giaquinto C, Bruzzese E, Cecinati V, Fossali E, Lackenby A, Principi N, Esposito S for the Italian Flu Study Group. Evaluation of influenza-related morbidity and resistance to oseltamivir during 2007-2008 and 2008-2009 winter seasons in Italian children. (ESPID Research Masterclass, oral presentation). 28th annual meeting of the European Society for Pediatric Infectious Diseases, Nice, France, May 4-8, 2010

Esposito S, **Molteni CG**, Daleno C, Cesati L, Da Dalt L, Bruzzese E, Fossali E, Lackenby A, Principi N, Italian Flu Study Group. Resistance to oseltamivir of seasonal A/H1N1 influenza virus during winter Seasons 2007-2008 and 2008-2009 in Italian children (poster presentation). 28th annual meeting of the European Society for Pediatric Infectious Diseases, Nice, France, May 4-8, 2010

Esposito S, Daleno C, **Molteni CG**, Valzano A, Preti V, Principi N. Use of rapid diagnostic tests for PID (poster presentation). 28th annual meeting of the European Society for Pediatric Infectious Diseases, Nice, France, May 4-8, 2010

Gualtieri L, Esposito S, **Molteni CG**, Daleno C, Valzano A, Cesati L, Milani G, Fossali E, Principi N. Utilizzo di tamponi nasali eseguiti dai genitori come metodo per l'identificazione dei virus influenzali nei bambini. 65° Congresso Nazionale SIP. Padova (Italy), November 27-30, 2009.

Esposito S, Cesati L, Serra D, **Molteni C**, Daleno C, Valzano A, Giaquinto C, Cantarutti L, Principi N per l'Italian Flu Study Group. Infezioni delle vie aeree inferiori (IVAI) influenza-correlate in bambini ospedalizzati per patologie respiratorie acute (ARD). 65° Congresso Nazionale SIP. Padova (Italy), November 27-30, 2009.

Cesati L, Esposito S, **Molteni CG**, Daleno C, Valzano A, Gualtieri L, Bosis S, Tagliabue C, Principi N. Confronto tra tamponi nasali floccati con mezzo di trasporto universale (MTU) e tamponi Virocult per la diagnosi di influenza in età pediatrica. 65° Congresso Nazionale SIP. Padova (Italy), November 27-30, 2009.

Esposito S, **Molteni CG**, Daleno C, Valzano A, Tagliabue C, Bosis S, Galeone C, Milani G, Principi N. Collection of mid-turbinate nasal flocked swabs for the detection of influenza viruses in childhood by trained pediatricians or parents (poster presentation). 12th Annual Meeting of the European Society for Clinical Virology (ESCV), Istanbul (Turkey), September 27-30, 2009

Esposito S, **Molteni CG**, Daleno C, Valzano A, Cesati L, Gualtieri L, Tagliabue C, Bosis S, Principi N. Comparison of pernasal nylon flocked swabs with Universal Transport Medium and rayon swabs for influenza diagnosis in pediatrics (poster presentation). 12th Annual Meeting of the European Society for Clinical Virology (ESCV), Istanbul (Turkey), September 27-30, 2009

Esposito S, **Molteni C**, Daleno C, Valzano A, Giaquinto C, Cantarutti L, Tagliabue C, Principi N. Influenza (FLU)-Related Lower Respiratory Tract Infections (LRTI) in Children Hospitalized for Acute Respiratory Disease (ARD) (poster presentation). 49th Interscience Conference for Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco (California, USA), September 12-15, 2009.

Esposito S, **Molteni CG**, Daleno C, Valzano A, Cesati L, Gualtieri L, Tagliabue C, Principi N. Pernasal flocked swabs with Universal Transport Medium (UTM) versus Virocult swabs for influenza diagnosis in pediatrics (poster presentation). 49th Interscience Conference for Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco (California, USA), September 12-15, 2009.

Musumarra G., **Molteni C.**, Biondi A., Condorelli DF., Fortuna CG., Scirè S. Applications of OPLS in "omics" cancer research (poster presentation). XXIII Congresso Nazionale della Società Chimica Italiana, Sorrento (Italy), 5-10 July 2009.

Esposito S, **Molteni C**, Daleno C, Valzano A, Tagliabue C, Bosis S, Cesati L, Porta A, Principi N. Parental-collected nasal swabs as a valid method for influenza viruses detection in children (poster presentation). 27th Annual Meeting of the European Society for Paediatric Infectious Diseases (ESPID), Brussels (Belgium) June 9-13, 2009.

Esposito S, Daleno C, **Molteni CG**, Valzano A, Porta A, Principi N. Prevenzione dell'influenza. XXI Congresso Nazionale della Società Italiana di Pediatria Preventiva e Sociale. Siena (Italy), May 30-June 1, 2009.

Musumarra G., **Molteni C.**, Biondi A., Condorelli DF., Fortuna CG., Scirè S. Potentialities of PLS and OPLS in "omics" cancer diagnostics and elucidation of antitumour drugs mechanism of action (oral presentation). 17th European Symposium on QSAR in "omics" and Systems Biology, Uppsala (Sweden), 21-26 September 2008

Molteni C., Biciato S., Merk S., Tartaglia M., Bungaro S., Te Kronnie G., Biondi A., Cazzaniga G.. Genomic analysis of childhood ALL cases with PTPN11 mutation (poster presentation). EMBO Conference Series/ FEBS workshop "Europhosphatases 2007 / Protein Phosphatases in Health and Disease", Aveiro (Portugal), 24-28 July 2007

Molteni C. et al. Integrated characterization of ALL patients with PTPN11 gene mutations (oral presentation). XIV Leukemia Winter Meeting, Falcade (Italy), 9-10 March 2007

Ronchi P., **Molteni C.**, Colombo S., Borgese N. The role of transmembrane domain in protein sorting at the ER-Golgi interface (poster and oral presentation). 6° FISV (Federazione Italiana Scienze della Vita) Meeting, Riva del Garda (TN) (Italy) 30 September-3 October 2004

Ronchi P., **Molteni C.**, Colombo S., Borgese N. The role of transmembrane domain in protein sorting at the ER-Golgi interface (poster presentation). EU Network Meeting "Cells as protein factories", Contea (FI) (Italy) 17-19 June 2004

ALTRO

Certificazioni GCP – IATA - EDC