

ELENA POMARI

EDUCAZIONE

Gen. 2023: Master II livello in Virologia Molecolare, Università Sapienza Roma, Italia

Apr. 2011: Dottorato in Biologia e Medicina della Rigenerazione, Università di Padova, Italia

Ott. 2007: Laurea Specialistica in Biologia Molecolare, Università di Padova, Italia

Ott. 2005: Laurea Triennale in Biologia Molecolare, Università di Padova, Italia

ESPERIENZA LAVORATIVA

Gen. 2020 - presente: Dirigente Biologo, Dipartimento Malattie Infettive-Tropicali e Microbiologia, IRCCS Ospedale Sacro Cuore Don Calabria, Negrar di Valpolicella, Verona, Italia

Mag. 2017 – Dic. 2019: Biologo Contrattista, Dipartimento Malattie Infettive-Tropicali e Microbiologia, IRCCS Ospedale Sacro Cuore Don Calabria, Negrar di Valpolicella, Verona, Italia

Feb. 2015 – Apr. 2017: Borsista, Clinica di Oncoematologia pediatrica, Az. Ospedaliera Università di Padova, Istituto di Ricerca Pediatrica Città della Speranza (IRP), Padova, Italia

Lug. 2012 – Gen. 2015: Assegnista di Ricerca, Università di Udine, Italia

Mag. 2011 – Mag. 2012: Biologo contrattista, Nutrigene srl, Udine, Italia

PUBBLICAZIONI RECENTI

- **E Pomari**, A Mori, S Accordini, A Donini, M Cordioli, E Tacconelli, C Castilletti. Evaluation of a ddPCR Commercial Assay for the Absolute Quantification of the Monkeypox Virus West Africa in Clinical Samples. *Diagnostics* 2023, 13(7), 1349
- S Accordini, M Cordioli, **E Pomari**, E Tacconelli, C Castilletti. People with asymptomatic or unrecognised infection potentially contribute to monkeypox virus transmission. *Lancet Microbe*. 2022:S2666-5247(22)00379-2
- AL Nicolini, F Tamarozzi, **E Pomari**, M Mistretta, M Camera, C Sepulcri, M Bassetti, FG Gobbi. Loiasis from where you don't expect it: an illustrative case of misled diagnosis. *J of Travel Med*. 2022. taac060
- D Buonfrate, F Chesini, D Martini, MC Roncaglioni, ML Ojeda Fernandez, MF Alvisi, I De Simone, E Rulli, A Nobili, G Casalini, S Antinori, M Gobbi, C Campoli, M Deiana, **E Pomari**, G Lunardi, R Tessari, Z Bisoffi. High Dose Ivermectin for the Early Treatment of COVID-19 (COVER Study): A Randomised, Double-Blind, Multicentre, Phase II, Dose-Finding, Proof of Concept Clinical Trial. *Preprints with The Lancet*. 2021
- M Deiana, A Mori, C Piubelli, F Perandin, D Treggiari, D Martini, F Chesini, A Angheben, F Bonfante, C Terregino, Z Bisoffi, **E Pomari**. Impact of Full Vaccination with mRNA BNT162b2 on SARS-CoV-2 Infection: Genomic and Subgenomic Viral RNAs Detection in Nasopharyngeal Swab and Saliva of Health Care Workers. *Microorganisms*. 2021;9(8):1738.
- M Deiana, C Piubelli, A Mori, GP Chiecchi, G La Marca, M Leonardi, D Treggiari, A Beltrame, L Moro, Z Bisoffi, **E Pomari**. Direct Quantitation of SARS-CoV-2 Using Droplet Digital PCR in Suspected Samples With Very Low Viral Load. doi: 10.20944/preprints202104.0688.v1
- L Marcolungo, C Beltrami, CD Esposti, G Lopatriello, C Piubelli, A Mori, **E Pomari**, M Deiana, S Scarso, Z Bisoffi, V Grosso, E Cosentino, S Maestri, D Lavezzari, B Iadarola, M Paterno, E Segala, B Giovannone, M Gallinaro, M Rossato, M Delledonne. ACoRE: Accurate SARS-CoV-2 genome reconstruction for the characterization of intra-host and inter-host viral diversity in clinical samples and for the evaluation of re-infections. *Genomics*, 2021;113(4):1628-1638.
- C Piubelli, M Deiana, **E Pomari**, R Silva, Z Bisoffi, F Formenti, F Perandin, F Gobbi, D Buonfrate. Overall decrease in SARS-CoV-2 viral load and reduction in clinical burden: the experience of a hospital in northern Italy. *Clinical Microbiology and Infection*, 2021, 27(1): 131.e1–131.e3.
- M Deiana, A Mori, C Piubelli, S Scarso, M Favarato, **E Pomari**. Assessment of the direct quantitation of SARS-CoV-2 by droplet digital PCR. *Sci Rep*. 2020;10(1):18764.
- Z Bisoffi, **E Pomari**, M Deiana, C Piubelli, N Ronzoni, A Beltrame, G Bertoli, N Riccardi, F Perandin, F Formenti, F Gobbi, D Buonfrate, R Silva. Sensitivity, Specificity and Predictive Values of Molecular and Serological Tests for COVID-19: A Longitudinal Study in Emergency Room. *Diagnostics (Basel)*. 2020;10(9):669.
- SS Longoni, **E Pomari**, A Antonelli, F Formenti, R Silva, S Tais, S Scarso, GM Rossolini, A Angheben, F Perandin. Performance Evaluation of a Commercial Real-Time PCR Assay and of an In-House Real-Time PCR for *Trypanosoma cruzi* DNA Detection in a Tropical Medicine Reference Center, Northern Italy. *Microorganisms* 2020;8(11):1692.
- Z Bisoffi, M Bertoldi, R Silva, G Bertoli, T Ursini, S Marocco, C Piubelli, **E Pomari**, D Buonfrate, F Gobbi. Dynamics of antimalarial antibodies in non-immune patients during and after a first and unique *P.falciparum* malaria episode. *Malar J*. 2020;19(1):228.
- **E Pomari**, R Silva, L Moro, G La Marca, F Perandin, F Verra, Z Bisoffi and C Piubelli. Droplet Digital PCR for the Detection of *Plasmodium falciparum* DNA in Whole Blood and Serum: A Comparative Analysis with Other Molecular Methods. *Pathogens*. 2020; 9(6), 478.
- M Leonardi, G La Marca, B Pajola, F Perandin, M Ligozzi, **E Pomari**. Assessment of real-time PCR for *Helicobacter pylori* DNA detection in stool with co-infection of intestinal parasites: a comparative study of DNA extraction methods. *BMC Microbiology*. 2020; 24;20(1):131.
- P Rodari, D Buonfrate, **E Pomari**, G Lunardi, I Bon, Z Bisoffi, A Angheben. Ivermectin concentration in breastmilk of a woman with *Strongyloides stercoralis* and human T-lymphotropic virus-1 co-infection. 2020; 202:105249.

ELENA POMARI

EDUCATION

Jan. 2023: Master's Degree Molecular Virology, University Sapienza Roma, Italy

Apr. 2011: PhD in Regenerative Biology and Medicine, University of Padova, Italy

Oct. 2007: Master degree in Molecular Biology University of Padova, Italy

Oct. 2005: Bachelor Degree in Molecular Biology University of Padova, Italy

JOB EXPERIENCE

May 2017 - present: Biologist, Department of Infectious-Tropical Diseases and Microbiology, IRCCS Sacro Cuore Don Calabria Hospital, Negrar di Valpolicella, Verona, Italy

Feb. 2015 – Apr. 2017: Fellowship, Clinic of pediatric Onco-hematology, University Hospital Padova, Institute of Paediatric Research (IRP) “Città della Speranza”, Padova, Italy

Jul. 2012 – Jan. 2015: Post-doc, University of Udine, Italy

May 2011 - May 2012: Biologist, Nutrigene srl, Udine, Italy

RECENT PUBLICATIONS

- **E Pomari**, A Mori, S Accordini, A Donini, M Cordioli, E Tacconelli, C Castilletti. Evaluation of a ddPCR Commercial Assay for the Absolute Quantification of the Monkeypox Virus West Africa in Clinical Samples. *Diagnostics* 2023, 13(7), 1349
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