MATTEO GELATI

Tecnico Sanitario di Laboratorio Biomedico | Ricerca Traslazionale

Dipartimento di Ingegneria per la Medicina di Innovazione (DIMI)
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Nato il: 05/01/1976 – Isola della Scala (VR)
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INDICATORI BIBLIOMETRICI (SCOPUS)

Produzione Scientifica	**78 Pubblicazioni in extenso su riviste scientifiche internazionali peer-reviewed (2001 – 2026)**
Impatto Citazionale	**2.014 Citazioni totali • H-Index: 26**

ESPERIENZE PROFESSIONALI E INCARICHI ISTITUZIONALI

2006 – in corso	**Tecnico di Laboratorio Biomedico (Area dei Collaboratori / già Cat. D)** Università degli Studi di Verona – Policlinico G.B. Rossi (Dipartimento di Ingegneria per la Medicina di Innovazione – DIMI, già Sezione di Biochimica Clinica). Contratto a tempo indeterminato dal 01/12/2006. Attività di ricerca traslazionale multidisciplinare, validazione analitica di nuovi biomarcatori (cardiaci, oncologici, infiammatori) e valutazione comparativa di piattaforme diagnostiche.
Incarichi Istituzionali e Associativi	**Rappresentanza Professionale e Accademica** • Dal 2026: Rappresentante Regionale dei Tecnici Sanitari di Laboratorio Biomedico nel Consiglio Direttivo Regionale – Sezione Regionale Veneto della SIBioC (Società Italiana di Biochimica Clinica e Biologia Molecolare Clinica – Medicina di Laboratorio ETS). • Rappresentante eletto del personale tecnico-amministrativo nel Consiglio di Dipartimento, Università degli Studi di Verona. • Già titolare di incarico di Funzione specialistica presso l'Università degli Studi di Verona (fino al 2023).
10/2006 – 11/2006	**Tecnico di Laboratorio Biomedico (Tempo Determinato)** Servizio Trasfusionale, Ospedale Civile Maggiore, Verona.
05/2001 – 06/2006	**Borsista di Ricerca – Sezione di Neuropatologia** Dipartimento di Neuroscienze e della Visione, Università degli Studi di Verona. Studio biochimico e molecolare delle encefalopatie spongiformi trasmissibili (prioni) e delle malattie neurodegenerative.
11/1999 – 10/2000	**Borsista di Ricerca – Sezione di Farmacologia** Dipartimento di Medicina e Sanità Pubblica, Università degli Studi di Verona.

TITOLI DI STUDIO

15 marzo 2018	**Laurea Magistrale in Biotecnologie Mediche e Bioinformatica** Università degli Studi di Verona
28 novembre 2003	**Laurea in Tecniche di Laboratorio Biomedico** Università degli Studi di Verona
27 ottobre 1999	**Diploma Universitario in Tecnico Sanitario di Laboratorio Biomedico** Università degli Studi di Verona
Anno 1995	**Diploma di Maturità Linguistica** I.T.C. Ettore Bolisani, Isola della Scala (VR)

COMPETENZE TECNICHE, INFORMATICHE E LINGUISTICHE	
Ambito Laboratorio	**Chimica clinica, immunometria (chemiluminescenza, ELISA), coagulazione, aggregometria piastrinica, cromatografia (HPLC/UPLC)** Applicazione di protocolli CLSI per la validazione analitica e il confronto tra metodi.
Informatica & Analisi Dati	**Python per analisi dati e bioinformatica • Pacchetto Office avanzato (Excel, Word, PowerPoint)** Grafica e imaging (Adobe Photoshop, Illustrator, Nikon NX Studio); sistemi operativi Windows, macOS, Linux.
Lingue Straniere	**Inglese, Francese**

PRODUZIONE SCIENTIFICA — 78 PUBBLICAZIONI IN ESTENSO (2001 – 2026)

1. G Zanusso, A Farinazzo, M Fiorini, **M Gelati**, A Castagna, P G Righetti, N Rizzuto, S Monaco. *pH-dependent prion protein conformation in classical Creutzfeldt-Jakob disease.* **Journal of Biological Chemistry** 2001 Nov; 276(44):40377-80.
2. G Zanusso, S Ferrari, F Cardone, P Zampieri, **M Gelati**, M Fiorini, A Farinazzo, M Gardiman, T Cavallaro, M Bentivoglio, P G Righetti, M Pocchiari, N Rizzuto, S Monaco. *Detection of pathologic prion protein in the olfactory epithelium in sporadic Creutzfeldt-Jakob disease.* **New England Journal of Medicine** 2003 Feb 20; 348(8):711-9. doi: 10.1056/NEJMoa022043.
3. G Zanusso, C Casalone, P Acutis, E Bozzetta, A Farinazzo, **M Gelati**, M Fiorini, G Forloni, M S Sy, S Monaco, M Caramelli. *Molecular analysis of iatrogenic scrapie in Italy.* **Journal of General Virology** 2003 Apr; 84(Pt 4):1047-1052. doi: 10.1099/vir.0.18774-0.
4. G Zanusso, A Farinazzo, F Prelli, M Fiorini, **M Gelati**, S Ferrari, P G Righetti, N Rizzuto, B Frangione, S Monaco. *Identification of distinct N-terminal truncated forms of prion protein in different Creutzfeldt-Jakob disease subtypes.* **Journal of Biological Chemistry** 2004 Sep 10; 279(37):38936-42. doi: 10.1074/jbc.M405468200.
5. A Matucci, G Zanusso, **M Gelati**, A Farinazzo, M Fiorini, S Ferrari, G Andrighetto, T Cestari, M Caramelli, A Negro, M Morbin, R Chiesa, S Monaco, G Tridente. *Analysis of mammalian scrapie protein by novel monoclonal antibodies recognizing distinct prion protein glycoforms: an immunoblot and immunohistochemical study at the light and electron microscopic levels.* **Brain Research Bulletin** 2005 Mar 15; 65(2):155-62. doi: 10.1016/j.brainresbull.2004.12.008.
6. G Zanusso, M Fiorini, A Farinazzo, **M Gelati**, M D Benedetti, S Ferrari, A Dalla Libera, S Capaldi, H L Monaco, N Rizzuto, S Monaco. *Phosphorylated 14-3-3 protein in the CSF of neuroleptic-treated patients.* **Neurology** 2005 Jun; 64(9):1618-20.
7. A Bersano, M Fiorini, S Allaria, G Zanusso, E Fasoli, **M Gelati**, H Monaco, G Squintani, S Monaco, E Nobile-Orazio. *Detection of CSF 14-3-3 protein in Guillain-Barre syndrome.* **Neurology** 2006 Jan; 67(12):2211-6.
8. G Zanusso, A Polo, A Farinazzo, R Nonno, F Cardone, M Di Bari, S Ferrari, S Principe, **M Gelati**, E Fasoli, M Fiorini, F Prelli, B Frangione, G Tridente, M Bentivoglio, A Giorgi, M E Schininà, B Maras, U Agrimi, N Rizzuto, M Pocchiari, S Monaco. *Novel prion protein conformation and glycotype in Creutzfeldt-Jakob disease.* **JAMA Neurology (Arch Neurol)** 2007 Apr; 64(4):595-9. doi: 10.1001/archneur.64.4.595.
9. A Piccini, G Zanusso, R Borghi, C Noviello, S Monaco, R Russo, G Damonte, A Armirotti, **M Gelati**, R Giordano, P Zambenedetti, C Russo, B Ghetti, M Tabaton. *Association of a presenilin 1 S170F mutation with a novel Alzheimer disease molecular phenotype.* **JAMA Neurology (Arch Neurol)** 2007 May; 64(5):738-45. doi: 10.1001/archneur.64.5.738.
10. M Montagnana, G Lippi, N Tessitore, G L Salvagno, G Targher, **M Gelati**, A Lupo, G C Guidi. *Effect of hemodialysis on traditional and innovative cardiac markers.* **Journal of Clinical Laboratory Analysis** 2008; 22(1):59-65. doi: 10.1002/jcla.20210.
11. G Lippi, F Schena, G L Salvagno, M Montagnana, **M Gelati**, C Tarperi, G Banfi, G C Guidi. *Influence of a half-marathon run on NT-proBNP and troponin T.* **Clinical Laboratory** 2008; 54(7-8):251-4.
12. G Lombardi, C Casalone, A D'Angelo, D Gelmetti, G Torcoli, I Barbieri, C Corona, E Fasoli, A Farinazzo, M Fiorini, **M Gelati**, B Iulini, F Tagliavini, S Ferrari, M Caramelli, S Monaco, L Capucci, G Zanusso. *Intraspecies transmission of BASE induces clinical dullness and amyotrophic changes.* **PLoS Pathogens** 2008 May 23; 4(5):e1000075. doi: 10.1371/journal.ppat.1000075.
13. G Lippi, F Schena, G L Salvagno, M Montagnana, **M Gelati**, C Tarperi, G Banfi, G C Guidi. *Acute variation of biochemical markers of muscle damage following a 21-km, half-marathon run.* **Scandinavian Journal of Clinical and Laboratory Investigation** 2008 Jun; 68(7):667-72.

14. G Lippi, F Schena, G L Salvagno, C Tarperi, M Montagnana, **M Gelati**, G Banfi, G C Guidi. *Acute variation of estimated glomerular filtration rate following a half-marathon run.* **International Journal of Sports Medicine** 2008 Jul; 29(12):948-51.

15. G Lippi, G L Salvagno, D M Adcock, **M Gelati**, G C Guidi, E J Favaloro. *Right or wrong sample received for coagulation testing? Tentative algorithms for detection of an incorrect type of sample.* **International Journal of Laboratory Hematology** 2009 Feb; 32(1 Pt 2):132-8.

16. G Lippi, F De Vita, G L Salvagno, **M Gelati**, M Montagnana, G C Guidi. *Measurement of morning saliva cortisol in athletes.* **Clinical Biochemistry** 2009 Jun; 42(9):904-6. doi: 10.1016/j.clinbiochem.2009.02.012.

17. G Lippi, G Lima-Oliveira, G L Salvagno, M Montagnana, **M Gelati**, G Picheth, A J Duarte, M Franchini, G C Guidi. *Influence of a light meal on routine haematological tests.* **Blood Transfusion** 2010 Apr; 8(2):94-9. doi: 10.2450/2009.0142-09.

18. M Montagnana, E Danese, O Ruzzenente, V Bresciani, T Nuzzo, **M Gelati**, G L Salvagno, M Franchi, G Lippi, G C Guidi. *The ROMA (Risk of Ovarian Malignancy Algorithm) for estimating the risk of epithelial ovarian cancer in women presenting with pelvic mass: is it really useful?* **Clinical Chemistry and Laboratory Medicine** 2011 Mar; 49(3):521-5. doi: 10.1515/CCLM.2011.075.

19. G L Salvagno, G Lippi, **M Gelati**, G C Guidi. *Hemolysis, lipaemia and icterus in specimens for arterial blood gas analysis.* **Clinical Biochemistry** 2012 Mar; 45(4-5):372-3. doi: 10.1016/j.clinbiochem.2011.12.005.

20. M Daves, G L Salvagno, R Cemin, **M Gelati**, G Cervellin, G C Guidi, G Lippi. *Influence of hemolysis on routine laboratory cardiac marker testing.* **Clinical Laboratory** 2012; 58(3-4):333-6.

21. S Monaco, M Fiorini, A Farinazzo, S Ferrari, **M Gelati**, P Piccardo, G Zanusso, B Ghetti. *Allelic origin of protease-sensitive and protease-resistant prion protein isoforms in Gerstmann-Sträussler-Scheinker disease with the P102L mutation.* **PLoS One** 2012 Feb 23; 7(2):e32382. doi: 10.1371/journal.pone.0032382.

22. E Danese, M Montagnana, A M Minicozzi, S Bonafini, O Ruzzenente, **M Gelati**, G De Manzoni, G Lippi, G C Guidi. *The role of resistin in colorectal cancer.* **Clinica Chimica Acta** 2012 Apr 11; 413(7-8):760-4. doi: 10.1016/j.cca.2012.01.019.

23. G Lima-Oliveira, G L Salvagno, G Lippi, **M Gelati**, M Montagnana, E Danese, G Picheth, G C Guidi. *Influence of a regular, standardized meal on clinical chemistry analytes.* **Annals of Laboratory Medicine** 2012 Jul; 32(4):250-6. doi: 10.3343/alm.2012.32.4.250.

24. G Lima-Oliveira, G Lippi, G L Salvagno, M Montagnana, **M Gelati**, W Volanski, K C Boritiza, G Picheth, G C Guidi. *Effects of vigorous mixing of blood vacuum tubes on laboratory test results.* **Clinical Biochemistry** 2013 Feb; 46(3):250-4. doi: 10.1016/j.clinbiochem.2012.10.033.

25. G L Salvagno, F Schena, **M Gelati**, E Danese, G Cervellin, G C Guidi, G Lippi. *The concentration of high-sensitivity troponin I, galectin-3 and NT-proBNP substantially increase after a 60-km ultramarathon.* **Clinical Chemistry and Laboratory Medicine** 2014 Feb; 52(2):267-72. doi: 10.1515/cclm-2013-0601.

26. G Lippi, D Giavarina, **M Gelati**, G L Salvagno. *Reference range of hemolysis index in serum and lithium-heparin plasma measured with two analytical platforms in a population of unselected outpatients.* **Clinica Chimica Acta** 2014 Feb 15; 429:143-6. doi: 10.1016/j.cca.2013.12.010.

27. G L Salvagno, R Di Paola, S Zaffagnini, **M Gelati**, A Perandini, C Tecchio, C Costantini, R Montemezzi, M Franchi, G C Guidi. *Determinazione dell'ormone anti-mulleriano per la valutazione della riserva ovarica in pazienti dopo trattamento chemioterapico [Utility of anti-mullerian hormone for the evaluation of fertility preservation in female patients after chemotherapy].* **Biochimica Clinica** 2014; 38(5):374-377.

28. A Baldan, S Ferronato, S Olivato, G Malerba, A Scuro, G F Veraldi, **M Gelati**, S Ferrari, S Mariotto, P F Pignatti, S Mazzucco, M Gomez-Lira. *Cyclooxygenase 2, toll-like receptor 4 and interleukin 1β mRNA expression in atherosclerotic plaques of type 2 diabetic patients.* **Inflammation Research** 2014 Oct; 63(10):851-8. doi: 10.1007/s00011-014-0759-8.

29. E Danese, O Ruzzenente, A Ruzzenente, C Iacono, F Bertuzzo, **M Gelati**, S Conci, S Bendinelli, G Bonizzato, A Guglielmi, G L Salvagno, G Lippi, G C Guidi. *Assessment of bile and serum mucin5AC in cholangiocarcinoma: diagnostic performance and biologic significance.* **Surgery** 2014 Nov; 156(5):1218-24. doi: 10.1016/j.surg.2014.05.006.

30. G Lima-Oliveira, G L Salvagno, G Lippi, E Danese, **M Gelati**, M Montagnana, G Picheth, G C Guidi. *Could light meal jeopardize laboratory coagulation tests?* **Biochemia Medica** 2014 Oct 15; 24(3):343-9. doi: 10.11613/BM.2014.036.

31. G Lima-Oliveira, G Lippi, G L Salvagno, S Gaino, G Poli, **M Gelati**, G Picheth, G C Guidi. *Venous stasis and whole blood platelet aggregometry: a question of data reliability and patient safety.* **Blood Coagulation and Fibrinolysis** 2015 Sep; 26(6):665-8. doi: 10.1097/MBC.0000000000000342.

32. D Iacono, S Ferrari, **M Gelati**, G Zanusso, S Mariotto, S Monaco. *Sporadic Creutzfeldt-Jakob Disease: Prion Pathology in Medulla Oblongata—Possible Routes of Infection and Host Susceptibility.* **BioMed Research International** 2015; 2015:396791. doi: 10.1155/2015/396791.

33. A B Porcaro, A Molinari, A Terrin, N De Luyk, R Baldassarre, M Brunelli, S Cavalleri, M A Cerruto, **M Gelati**, G L Salvagno, G C Guidi, W Artibani. *Robotic-assisted radical prostatectomy is less stressful than the open approach: results of a contemporary prospective study evaluating pathophysiology of cortisol stress-related kinetics in prostate cancer surgery.* **Journal of Robotic Surgery** 2015 Sep; 9(3):249-55. doi: 10.1007/s11701-015-0522-3.

34. E Danese, C Fava, F Beltrame, D Tavella, S Calabria, M Benati, **M Gelati**, R Gottardo, F Tagliaro, G C Guidi, M Cattaneo, P Minuz. *Relationship between pharmacokinetics and pharmacodynamics of clopidogrel in patients undergoing percutaneous coronary intervention: comparison between vasodilator-stimulated phosphoprotein phosphorylation assay and multiple electrode aggregometry.* **Journal of Thrombosis and Haemostasis** 2016 Feb; 14(2):282-93.

35. S Ferronato, **M Gelati**, A Scuro, S Olivato, G Malerba, M G Romanelli, M Gomez-Lira, C Setacci. *HDAC9, TWIST1 and FERD3L gene expression in asymptomatic stable and unstable carotid plaques.* **Inflammation Research** 2016 Apr; 65(4):261-3. doi: 10.1007/s00011-015-0904-z.

36. E Calabria, E M C Mazza, K A Dyar, S Pogliaghi, P Bruseghini, C Morandi, G L Salvagno, **M Gelati**, G C Guidi, S Bicciato, S Schiaffino, F Schena, C Capelli. *Aging: a portrait from gene expression profile in blood cells.* **Aging (Albany NY)** 2016 Aug; 8(8):1802-21. doi: 10.18632/aging.101016.

37. G Lima-Oliveira, G Lippi, G L Salvagno, **M Gelati**, A Bassi, A Contro, F Pizzolo, G C Guidi. *Abnormal gel flotation caused by contrast media during adrenal vein sampling.* **Biochemia Medica** 2016 Oct 15; 26(3):444-450. doi: 10.11613/BM.2016.047.

38. O Ruzzenente, G L Salvagno, **M Gelati**, G Lippi. *Analytical evaluation of the novel Lumipulse G BRAHMS procalcitonin immunoassay.* **Practical Laboratory Medicine** 2016 Jul 16; 6:8-13. doi: 10.1016/j.plabm.2016.07.001.

39. M Montagnana, M Benati, E Danese, S Giudici, M Perfranceschi, O Ruzzenente, G L Salvagno, A Bassi, **M Gelati**, E Paviati, G C Guidi, M Franchi, G Lippi. *Aberrant MicroRNA Expression in Patients With Endometrial Cancer.* **International Journal of Gynecological Cancer** 2017 Mar; 27(3):459-466. doi: 10.1097/IGC.0000000000000913.

40. G Lippi, G L Salvagno, G Brocco, **M Gelati**, E Danese, E J Favaloro. *Impact of experimental hypercalcemia on routine haemostasis testing.* **PLoS One** 2017 Mar 31; 12(3):e0175094. doi: 10.1371/journal.pone.0175094.

41. G Lippi, E Danese, G Brocco, **M Gelati**, G L Salvagno, M Montagnana. *Acute effects of 30 minutes of exposure to a smartphone call on in vitro platelet function.* **Blood Transfusion** 2017 May; 15(3):249-253. doi: 10.2450/2016.0327-15.

42. G L Salvagno, A Ferrari, **M Gelati**, G Brocco, G Lippi. *Analytical validation of Gentian NGAL particle-enhanced turbidimetric immunoassay (PETIA).* **Practical Laboratory Medicine** 2017 Apr 27; 8:60-64. doi: 10.1016/j.plabm.2017.04.006.

43. G Lippi, G L Salvagno, E Danese, G Brocco, **M Gelati**, M Montagnana, F Sanchis-Gomar, E J Favaloro. *Serum Concentration of Growth Differentiation Factor-15 Is Independently Associated with Global Platelet Function and Higher Fibrinogen Values in Adult Healthy Subjects.* **Seminars in Thrombosis and Hemostasis** 2017 Sep; 43(6):621-628. doi: 10.1055/s-0037-1603358.

44. G Lippi, A Ferrari, G Gandini, **M Gelati**, C Lo Cascio, G L Salvagno. *Analytical evaluation of the new Beckman Coulter Access high sensitivity cardiac troponin I immunoassay.* **Clinical Chemistry and Laboratory Medicine** 2017 Nov 27; 56(1):157-161. doi: 10.1515/cclm-2017-0350.

45. G Lippi, J Cadamuro, E Danese, **M Gelati**, M Montagnana, A von Meyer, G L Salvagno, A M Simundic. *Internal quality assurance of HIL indices on Roche Cobas c702.* **PLoS One** 2018 Jul 6; 13(7):e0200088. doi: 10.1371/journal.pone.0200088.

46. G L Salvagno, O Ruzzenente, **M Gelati**, E Danese, M Montagnana, G Lippi. *Validation of the analytical performance of Lumipulse G BRAHMS procalcitonin immunoassay on low sample volume.* **Journal of Laboratory and Precision Medicine** 2018; 3:66.

47. G Lippi, G L Salvagno, C Tarperi, **M Gelati**, M Montagnana, E Danese, L Festa, F Sanchis-Gomar, E J Favaloro, F Schena. *Prothrombotic State Induced by Middle-Distance Endurance Exercise in Middle-Aged Athletes.* **Seminars in Thrombosis and Hemostasis** 2018 Nov; 44(8):747-755. doi: 10.1055/s-0038-1667115.

48. G Lippi, G L Salvagno, S Lampus, E Danese, **M Gelati**, C Bovo, M Montagnana, A M Simundic. *Impact of blood cell counts and volumes on glucose concentration in uncentrifuged serum and lithium-heparin blood tubes.* **Clinical Chemistry and Laboratory Medicine** 2018 Nov 27; 56(12):2125-2131. doi: 10.1515/cclm-2018-0523.

49. M Montagnana, E Danese, D Angelino, P Mena, A Rosi, M Benati, **M Gelati**, G L Salvagno, E J Favaloro, D Del Rio, G Lippi. *Dark chocolate modulates platelet function with a mechanism mediated by flavan-3-ol metabolites.* **Medicine (Baltimore)** 2018 Dec; 97(49):e13432. doi: 10.1097/MD.0000000000013432.

50. G Lippi, G L Salvagno, G Poli, **M Gelati**, E J Favaloro. *Assessment of Plasma Sample Quality on Siemens Atellica COAG 360 System.* **Seminars in Thrombosis and Hemostasis** 2019 Apr; 45(3):315-318. doi: 10.1055/s-0037-1621718.

51. G Lippi, G L Salvagno, **M Gelati**, G Poli, D Giavarina, E J Favaloro. *Analytical Assessment of the New Roche Cobas t 711 Fully Automated Coagulation Analyzer.* **Seminars in Thrombosis and Hemostasis** 2019 Apr; 45(3):308-314. doi: 10.1055/s-0038-1676578.

52. G L Salvagno, G Lippi, **M Gelati**, G Poli, E J Favaloro. *Analytical performance of the new D-dimer and antithrombin assay on Roche cobas t 711 analyzer.* **International Journal of Laboratory Hematology** 2019 Jun; 41(3):e54-e56. doi: 10.1111/ijlh.12957.

53. G Lippi, G L Salvagno, V Radišić Biljak, A K Kralj, I Kuktić, **M Gelati**, A M Šimundić. *Filling accuracy and imprecision of commercial evacuated sodium citrate coagulation tubes.* **Scandinavian Journal of Clinical and Laboratory Investigation** 2019 Jul; 79(4):276-279. doi: 10.1080/00365513.2019.1609696.

54. G L Salvagno, M Pucci, D Demonte, **M Gelati**, G Lippi. *Analytical evaluation of Radiometer ABL90 FLEX PLUS enzymatic creatinine assay.* **Journal of Laboratory and Precision Medicine** 2019 Aug; 4:25.

55. G L Salvagno, E J Favaloro, D Demonte, **M Gelati**, G Poli, G Targher, G Lippi. *Influence of hypertriglyceridemia, hyperbilirubinemia and hemolysis on thrombin generation in human plasma.* **Clinical Chemistry and Laboratory Medicine** 2019 Oct 25; 57(11):1784-1789. doi: 10.1515/cclm-2019-0135.

56. G Lippi, G L Salvagno, **M Gelati**, M Pucci, C Lo Cascio, D Demonte, D Faggian, M Plebani. *Two-center comparison of 10 fully-automated commercial procalcitonin (PCT) immunoassays.* **Clinical Chemistry and Laboratory Medicine** 2019 Dec 18; 58(1):77-84. doi: 10.1515/cclm-2019-0888.

57. G L Salvagno, D Demonte, **M Gelati**, G Poli, E J Favaloro, G Lippi. *Thrombin generation in different commercial sodium citrate blood tubes.* **Journal of Medical Biochemistry** 2020 Jan 10; 39(1):19-24. doi: 10.2478/jomb-2019-0016.

58. G Lippi, G L Salvagno, **M Gelati**, M Pucci, D Demonte, D Faggian, M Plebani. *Analytical Evaluation of the New Beckman Coulter Access Procalcitonin (PCT) Chemiluminescent Immunoassay.* **Diagnostics (Basel)** 2020 Feb 26; 10(3):128. doi: 10.3390/diagnostics10030128.

59. A Pedrinolla, A L Colosio, R Magliozzi, E Danese, E Kirmizi, S Rossi, S Pogliaghi, M Calabrese, **M Gelati**, E Muti, E Cè, S Longo, F Esposito, G Lippi, F Schena, M Venturelli. *The Vascular Side of Chronic Bed Rest: When a Therapeutic Approach Becomes Deleterious.* **Journal of Clinical Medicine** 2020 Mar 27; 9(4):918. doi: 10.3390/jcm9040918.

60. M Maurelli, P Gisondi, E Danese, **M Gelati**, A Papagrigoraki, M Del Giglio, G Lippi, G Girolomoni. *Psoriasin (S100A7) is increased in the serum of patients with moderate-to-severe psoriasis.* **British Journal of Dermatology** 2020 Jun; 182(6):1502-1503. doi: 10.1111/bjd.18807.

61. D Negrini, P Zecchin, A Ruzzenente, F Bagante, S De Nitto, **M Gelati**, G L Salvagno, E Danese, G Lippi. *Machine Learning Model Comparison in the Screening of Cholangiocarcinoma Using Plasma Bile Acids Profiles.* **Diagnostics (Basel)** 2020 Aug 2; 10(8):551. doi: 10.3390/diagnostics10080551.

62. C Tarperi, F Sanchis-Gomar, M Montagnana, E Danese, G L Salvagno, **M Gelati**, K Skroce, F Schena, G Lippi. *Effects of endurance exercise on serum concentration of calcitonin gene-related peptide (CGRP): a potential link between exercise intensity and headache.* **Clinical Chemistry and Laboratory Medicine** 2020 Sep 25; 58(10):1707-1712. doi: 10.1515/cclm-2019-1337.

63. E Danese, M Montagnana, **M Gelati**, G Lippi. *The Role of Epigenetics in the Regulation of Hemostatic Balance.* **Seminars in Thrombosis and Hemostasis** 2021 Feb; 47(1):53-62. doi: 10.1055/s-0040-1718400.

64. A Mantovani, E Danese, G L Salvagno, **M Gelati**, T Turino, C Bovo, G Lippi, G Targher. *Association between lower plasma adiponectin levels and higher plasma thrombin generation parameters in men with type 2 diabetes: role of plasma triglycerides.* **Journal of Endocrinological Investigation** 2021 Mar; 44(3):547-555. doi: 10.1007/s40618-020-01340-3.

65. M Benati, G L Salvagno, S Nitto, **M Gelati**, B Lavorgna, C Fava, P Minuz, G Lippi. *Thrombin Generation in Patients with Coronavirus Disease 2019.* **Seminars in Thrombosis and Hemostasis** 2021 Jun; 47(4):447-450. doi: 10.1055/s-0041-1722844.

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