LOREDANA BURY – CURRICULUM VITAE

PERSONAL INFORMATION
Loredana Bury
Born in: **Jesi (AN) - Italy**
Date of birth: **15/10/1983**
Nationality: **Italian**

- **EDUCATION**

2006	Bachelor Degree in Biological Science (22/02/2006) University of Perugia, Perugia, Italy Thesis: "JAK2 Val617Phe mutation in chronic myelomonocytic leukemia"
2007	Master Degree in Molecular Biomedical Sciences (23/10/2007) University of Perugia, Perugia, Italy Thesis: "Identification and cloning of leukemogenic genes" Final mark: 110/110 *cum laude*
2008	Qualification as a Professional Biologist (enrolled in the professional register)
2012	PhD in Cellular and Molecular Pathology (17/02/2012) Department of Medicine, University of Perugia, Perugia, Italy Name of PhD Supervisor: prof. Paolo Gresele Thesis: "Identification of the mechanisms leading to defective platelet function and impaired megakaryopoiesis in a novel Glanzmann's variant hereditary macrothrombocytopenia"

- **CURRENT POSITION**

Researcher (Ricercatore a tempo determinato, ai sensi dell'art.24, comma 3, lettera b, della Legge 240/2010) at University of Perugia, Department of Medicine and Surgery, SSD MED/46

- **PREVIOUS POSITIONS**

2020-2021	Fellowship from Fondazione Umberto Veronesi for the project "Frailty and cardiovascular risk in elderly persons: studies on the contribution of platelets" Department of Medicine, Section of Internal and Cardiovascular Medicine, University of Perugia, Perugia, Italy
2019-2020	Fellowship from Fondazione Umberto Veronesi for the project "Platelet involvement in a cardiovascular disease predisposing condition: comparative studies in gestational diabetes mellitus and type 2 diabetes mellitus" Department of Medicine, Section of Internal and Cardiovascular Medicine, University of Perugia, Perugia, Italy
2014 – 2019	Researcher (RTD-A) from 03/02/2014 to 02/02/2019

Department of Medicine, Section of Internal and Cardiovascular Medicine, University of Perugia, Perugia, Italy

2011 – 2013 Postdoctoral Fellow (from 01/11/2011 to 31/10/2013)
Department of Medicine, Section of Internal and Cardiovascular Medicine, University of Perugia, Perugia, Italy

2008 - 2011 PhD student (from 07/02/2008 to 31/10/2011)
Department of Medicine, Section of Internal and Cardiovascular Medicine, University of Perugia, Perugia, Italy

- **ACADEMIC ACTIVITIES**

2013 – present Assistant supervisor for graduation thesis at the faculty of Biotechnology, University of Perugia, Perugia, Italy.

2014 – 2019 Member of University Examining boards for the course "Biotechnology and biotech drugs in haemostasis and thrombosis" at the faculty of Biotechnology, University of Perugia, Perugia, Italy.

2014 – 2019 Member of University Degree boards at the faculty of Medicine, University of Perugia, Perugia, Italy.

2015 - 2016 Lecturer of the course (elective activity) "Molecular diagnosis of bleeding and thrombotic disorders" at the faculty of Medicine, University of Perugia, Perugia, Italy.

2015 – present Integrated didactics and students tutoring for the course "Biotechnology and biotech drugs in haemostasis and thrombosis" at the faculty of Biotechnology, University of Perugia, Perugia, Italy.

2016 – 2019 Member of the teaching staff of the Research Doctorate in Translational Medicine and Surgery, University of Perugia, Perugia, Italy.

2018 – present Lecturer of the course "Biotechnology and biotech drugs in haemostasis and thrombosis" at the faculty of Biotechnology, University of Perugia, Perugia, Italy

2018 Lecturer of Molecular Biology at the School of Medical Specialization "Infectious and tropical diseases"

2018 National Academic Qualification as Associate Professor in the Academic Discipline "Clinical Biochemistry and Molecular Biology".

2019 National Academic Qualification as Associate Professor in the Academic Discipline "Technical Sciences of Laboratory Medicine".

2019 – present Coordinator of the Unit "Hereditary thrombophilias in Perinatal Medicine"

of the Research Center in Perinatal and Reproductive Medicine, University of Perugia.

- **ELECTIVE ASSIGNEMENTS**

2019 – present Co-chair of the International Society of Thrombosis and Hemostasis (ISTH) Scientific and Standardization Sub-committee (SSC) on Genomics in Thrombosis and Hemostasis

2020 – present (SISET) Scientific secretary of the Italian Society on Thrombosis and Hemostasis

- **MAJOR COLLABORATIONS**

2009 – present Collaboration with Prof. Alessandra Balduini, Department of Molecular Medicine, University of Pavia, Pavia, Italy on the topic of isolation of hematopoietic CD34+ cells from peripheral blood and their differentiation towards megakaryocytes

2009 From June to October 2009 collaboration with Prof. Kathleen Freson, Center of Molecular and Vascular Biology, Catholic University of Leuven, Belgium on the topic of the isolation of hematopoietic CD34+ cells from cord blood and their transfection by Nucleofector

2011 From August to October collaboration with Prof. Joseph Italiano, Harvard Medical School, Department of Translational Medicine, Boston MA, USA on the topic of the culture of murine megakaryocytes from foetal livers and their genetic manipulation by retrovirus transfection

2011 Collaboration with prof. Timothy Springer, Harvard Medical School, Department of Biological Chemistry and Molecular Pharmacology, Boston MA, USA on the topic of protein modelling of a mutant integrin β_3

2016 – present Member of the ThromboGenomics Consortium, Chair prof. Willem Ouwehand, University of Cambridge, Cambridge, UK; aimed at the development and improvement of a next generation sequencing based test for the screening of multiple genes involved in platelet and coagulation disorders

2017 – present Member of the BRIDGE-bleeding and platelet disorders (BPD) consortium, Chair prof. Willem Ouwehand, University of Cambridge, Cambridge, UK; aimed at identifying the genetic basis of hitherto unresolved bleeding and platelet disorders by exome-sequencing.

2018 Collaboration with Prof Jose Rivera Pozo, University of Murcia, Department of Hematology and Medical Oncology, Murcia, Spain, on the application of next generation sequencing for the diagnosis of inherited platelet disorders

2019 - present Member of the ClinGen Gene Curation Expert Panel Hemostasis/Thrombosis. https://www.clinicalgenome.org/working-

groups/clinical-domain/hemostasis-thrombosis-clinical-domain-working-group/hemostasis-thrombosis-gene-curation-expert-panel/

- **MEMBER OF THE EDITORIAL BOARDS OF INTERNATIONAL JOURNALS**

2017 – 2019 Member of the Editorial Board of the peer reviewed journal "Research and Practice in Thrombosis and Haemostasis"

2017 – present Member of the Editorial Board of the peer reviewed journal "European Medical Journal – Hematology"

2020 – present Associate editor of the peer reviewed journal "Frontiers in Genetics, section Genetics of Common and Rare Diseases"

- **INVITED PRESENTATIONS**

2014 60th Annual Meeting of the Scientific and Standardization Committee (SSC) of International Society on Thrombosis and Haemostasis (ISTH) (Milwaukee, USA). Title of the speech: "New Insights into megakaryopoiesis and proplatelet formation in platelet-type von Willebrand disease"

2017 XXVI ISTH Congress (Berlin, Germany). Educational session on Platelet Physiology. Title of the speech: "Abnormal $\alpha_{IIb}\beta_3$ and cytoskeletal perturbation causing platelet dysfunction"

2018 International Society on Thrombosis and Haemostasis (ISTH) Workshop on Platelets (Valencia, Spain). Title of the speech "Recent updates on de novo protein synthesis by platelets".

2019 XXVII ISTH Congress (Melbourne, Australia). Joint session SSC Genomics in Thrombosis and Hemostasis and SSC Platelet Physiology. Title of the speech "De Novo Protein Synthesis Induced by Platelet Activation and Its Impact on the Platelet Transcriptome".

2020 XXVIII Virtual ISTH Congress. Title of the speech: "COVID-19: the Italian experience".

2021 Assistance and research course on rare diseases in Umbria

- **AWARDS**

2013 XXIV ISTH Congress Young Investigator Award for the abstract "Constitutive activation of integrin alphaIIb-beta3 due to an inherited mutation of integrin beta3 leads to defective receptor function and impaired thrombopoiesis"

2014 XXIII SISET (Italian Society for Hemostasis and Thrombosis) Congress "Best Abstract" Award for the abstract "Abnormal proplatelet formation in platelet-type von Willebrand disease"

2015 XXV ISTH Congress Young Investigator Award for the abstract "Defective $\alpha_{IIb}\beta_3$ activation causes platelet dysfunction in Platelet type Von Willebrand Disease (PT-VWD)"

2019 XXVII ISTH Congress Early Career Award for the abstract "A RNA interference-based gene-therapy approach to autosomal dominant Glanzmann Thrombasthenia: a step towards personalized treatment"

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2009 – present Member of the Italian Group for the Study of Platelets -Gruppo di Studio per le Piastrine- (GSP)
2015 – present Member of the International Society of Thrombosis and Haemostasis (ISTH)
2015 – present Member of the Italian Society of Haemostasis and Thrombosis (SISET)
2016 – present Member of the European Haematology Association (EHA)

Main research topics
Molecular genetic diagnosis of inherited platelet disorders and inherited blood coagulation disorders. Establishment of cellular models: construction of expression vectors and expression in cell lines, mutagenesis, cloning, PCR, real time PCR, RNA interference techniques. Study of platelet microRNAs (real time PCR). Platelet function testing (light transmission aggregometry, platelet granule content and release by lumiaggregometry/flow cytometry/ELISA, platelet ultrastructure by electron microscopy, fluorescence and confocal microscopy, analysis of platelet surface antigens and platelet activation by flow cytometry). Coagulation testing (expression and function of coagulation factors, protein C, protein S, ATIII and other coagulation cascade proteins).
Pathophysiology of platelet signal transduction (Western blotting of signaling proteins, use of inhibitors). Human and murine megakaryocyte maturation and proplatelet formation (separation of human hematopoietic CD34+ cells from peripheral blood and differentiation toward megakaryocytes, separation of murine megakaryocytes from fetal livers, analysis of proplatelet formation by fluorescence and confocal microscopy).

- **PUBLICATIONS**

Author, or co-author, of **40** publications indexed in PubMed, of which **8** as a first author, and **1** as last author, **2** books chapters, **748** citations, h-index **14**

1. Gresele P, Falcinelli E, **Bury L**, Pecci A, Alessi MC, Borhany M, Heller PG, Santoro C, Cid AR, Orsini S, Fontana P, De Candia E, Podda G, Kannan M, Jurk K, Castaman G, Falaise C, Guglielmini G, Noris P; BAT-VAL Study Investigators. The ISTH bleeding assessment tool as predictor of bleeding events in inherited platelet disorders: Communication from the ISTH SSC Subcommittee on Platelet Physiology. J Thromb Haemost. 2021 May;19(5):1364-1371.
2. **Bury L**, Falcinelli E, Gresele P. Learning the Ropes of Platelet Count Regulation: Inherited Thrombocytopenias. J Clin Med. 2021 Feb 2;10(3):533.
3. **Bury L**, Camilloni B, Castronari R, Piselli E, Malvestiti M, Borghi M, KuchiBotla H, Falcinelli E, Petito E, Amato F, Paliani U, Vaudo G, Cerotto V, Gori F, Becattini C, De Robertis E, Lazzarini

T, Castaldo G, Mencacci A, Gresele P. Search for SARS-CoV-2 RNA in platelets from COVID-19 patients. Platelets. 2021 Feb 17;32(2):284-287.
4. Petito E, Falcinelli E, Paliani U, Cesari E, Vaudo G, Sebastiano M, Cerotto V, Guglielmini G, Gori F, Malvestiti M, Becattini C, Paciullo F, De Robertis E, **Bury L**, Lazzarini T, Gresele P; COVIR study investigators. Neutrophil more than platelet activation associates with thrombotic complications in COVID-19 patients. J Infect Dis. 2020 Dec 6:jiaa756.
5. Falcinelli E, Petito E, Becattini C, De Robertis E, Paliani U, Sebastiano M, Vaudo G, Guglielmini G, Paciullo F, Cerotto V, Malvestiti M, Gori F, **Bury L**, Lazzarini T, Gresele P; COVIR study investigators. Role of endothelial dysfunction in the thrombotic complications of COVID-19 patients. J Infect. 2020 Dec 2:S0163-4453(20)30760-X.
6. Sims MC, Mayer L, Collins J, Bariana T, Megy K, Lavenu-Bombled C, Seyres D, Kollipara L, Burden F, Greene D, Lee D, Rodriguez-Romera A, Alessi MC, Astle WJ, Bahou W, **Bury L**, Chalmers E, Da Silva R, De Candia E, Deevi SVV, Farrow S, Gomez K, Grassi L, Greinacher A, Gresele P, Hart DP, Hurtaud MF, Kelly A, Kerr R, Le Quellec S, Leblanc TM, Leinøe EB, Mapeta RP, McKinney H, Michelson AD, Morais S, Nugent DJ, Papadia S, Park SJ, Pasi J, Podda GM, Poon MC, Reed R, Sekhar M, Shalev H, Sivapalaratnam S, Steinberg-Shemer O, Stephens JC, Tait RC, Turro E, Wu JK, Zieger BMH, BioResource N, Kuijpers TW, Whetton AD, Sickmann A, Freson K, Downes K, Erber W, Frontini M, Nurden P, Ouwehand WH, Favier R, Guerrero JA. Novel manifestations of immune dysregulation and granule defects in gray platelet syndrome. Blood. 2020;136(17):1956-1967.
7. Paciullo F, **Bury L**, Gresele P. Eltrombopag to allow chemotherapy in a patient with MYH9-related inherited thrombocytopenia and pancreatic cancer. Int J Hematol. 2020;112(5):725-727.
8. Paciullo F, Fierro T, Calcinaro F, Zucca Giucca G, Gresele P, **Bury L**. Long-term treatment with thalidomide for severe recurrent hemorrhage from intestinal angiodysplasia in Glanzmann Thrombasthenia. Platelets. 2021 Feb 17;32(2):288-291.
9. **Bury L**, Megy K, Stephens JC, Grassi L, Greene D, Gleadall N, Althaus K, Allsup D, Bariana TK, Bonduel M, Butta NV, Collins P, Curry N, Deevi SVV, Downes K, Duarte D, Elliott K, Falcinelli E, Furie B, Keeling D, Lambert MP, Linger R, Mangles S, Mapeta R, Millar CM, Penkett C, Perry DJ, Stirrups KE, Turro E, Westbury SK, Wu J, BioResource N, Gomez K, Freson K, Ouwehand WH, Gresele P, Simeoni I. Next-generation sequencing for the diagnosis of MYH9-RD: Predicting pathogenic variants. Hum Mutat. 2020;41(1):277-290
10. Paciullo F, **Bury L**, Noris P, Falcinelli E, Melazzini F, Orsini S, Zaninetti C, Abdul-Kadir R, Obeng-Tuudah D, Heller P, Glembotsky AC, Fabris F, Rivera J, Lozano ML, Butta N, Favier R, Cid AR, Fouassier M, Podda GM, Santoro C, Grandone E, Henskens Y, Nurden P, Zieger B, Cuker A, Devreese K, Tosetto A, De Candia E, Dupuis A, Miyazaki K, Othman M, Gresele P. Antithrombotic prophylaxis for surgery-associated venous thromboembolism risk in patients with inherited platelet disorders. The SPATA-DVT Study. Haematologica. 2020;105(7):1948-1956.
11. Megy K, Downes K, Simeoni I, **Bury L**, Morales J, Mapeta R, Bellissimo DB, Bray PF, Goodeve AC, Gresele P, Lambert M, Reitsma P, Ouwehand WH, Freson K; Subcommittee on Genomics in Thrombosis and Hemostasis. Curated disease-causing genes for bleeding, thrombotic, and platelet disorders: Communication from the SSC of the ISTH. J Thromb Haemost. 2019;17(8):1253-1260.
12. Gresele P, Falcinelli E, **Bury L**. Inherited platelet disorders in women. Thromb Res. 2019;181 Suppl 1:S54-S59.
13. Francisci D, Pirro M, Schiaroli E, Mannarino MR, Cipriani S, Bianconi V, Alunno A, Bagaglia F, Bistoni O, Falcinelli E, **Bury L**, Gerli R, Mannarino E, De Caterina R, Baldelli F. Maraviroc

Intensification Modulates Atherosclerotic Progression in HIV-Suppressed Patients at High Cardiovascular Risk. A Randomized, Crossover Pilot Study. Open Forum Infect Dis. 2019;6(4):ofz112.
14. **Bury L**, Malara A, Momi S, Petito E, Balduini A, Gresele P. Mechanisms of thrombocytopenia in platelet-type Von Willebrand Disease. Haematologica. 2019;104:(7)1473-1481.
15. Gresele P, **Bury L**, Mezzasoma AM, Falcinelli E. Platelet function assays in diagnosis: an update. Expert Rev Hematol. 2019;12(1):29-46.
16. Gresele P, Orsini S, Noris P, Falcinelli E, Christine Alessi M, **Bury L**, Borhany M, Santoro C, Glembotsky AC, Cid AR, Tosetto A, De Candia E, Fontana P, Guglielmini G, Pecci A; BAT-VAL study investigators. Validation of the ISTH/SSC bleeding assessment tool for inherited platelet disorders: a communication from the Platelet Physiology SSC. J Thromb Haemost. 2020;18:732-739.
17. **Bury L**, Zetterberg E, Leinoe EB, Falcinelli E, Marturano A, Manni G, Nurden AT, Gresele P. A novel variant Glanzmann thrombasthenia due to co-inheritance of a loss- and a gain-of-function mutation of ITGB3: evidence of a dominant effect of gain-of-function mutations. Haematologica. 2018;103(6):e259-e263.
18. Gresele P, Falcinelli E, **Bury L**. Laboratory diagnosis of clinically relevant platelet function disorders. Int J Lab Hematol. 2018;40 Suppl 1:34-45.
19. Gresele P, **Bury L**. Of mice and men: genes relevant to thrombosis and bleeding. Blood. 2018;132(24):2532-2534.
20. Ge X, Yamaguchi Y, Zhao L, **Bury L**, Gresele P, Berube C, Leung LL, Morser J. Prochemerin cleavage by Factor XIa links coagulation and inflammation. Blood. 2018;131(3):353-364.
21. Sebastiano M, Momi S, Falcinelli E, **Bury L**, Hoylaerts M, Gresele P. A novel mechanism regulating human platelet activation by MMP-2 mediated PAR1 biased signaling. Blood. 2017;129(7):883-895.
22. Orsini S, Noris P, **Bury L**, Heller PG, Santoro C, Kadir RA, Butta NC, Falcinelli E, Cid AR, Fabris F, Fouassier M, Miyazaki K, Lozano ML, Zuñiga P, Flaujac C, Podda GM, Bermejo N, Favier R, Henskens Y, De Maistre E, De Candia E, Mumford AD, Ozdemir NG, Eker I, Nurden P, Bayart S, Lambert MP, Bussel J, Zieger B, Tosetto A, Melazzini F, Glembotsky AC, Pecci A, Cattaneo M, Schlegel N, Gresele P. Bleeding risk of surgery and its prevention in patients with inherited platelet disorders. The Surgery in Platelet disorders And Therapeutic Approach (SPATA) study. Haematologica. 2017;102(7):1192-1203.
23. Borghi M, Guglielmini G, Mezzasoma AM, Falcinelli E, **Bury L**, Malvestiti M, Gresele P. Increase of von Willebrand Factor with ageing in type 1 Von Willebrand disease: fact or fiction? Haematologica. 2017;102(11):e431-e433.
24. Daidone V, **Bury L**, Milan M, Galletta E, Gresele P, Casonato A. Two novel ITGA2B mutations in a Glanzmann thrombasthaenia family associated with different platelet phenotypic expression. Blood Transfus. 2017 ;15(5):487-488.
25. Simeoni I, Stephens JC, Hu F, Deevi SV, Megy K, Bariana TK, Lentaigne C, Schulman S, Sivapalaratnam S, Vries MJ, Westbury SK, Greene D, Papadia S, Alessi MC, Attwood AP, Ballmaier M, Baynam G, Bermejo E, Bertoli M, Bray PF, **Bury L**, Cattaneo M, Collins P, Daugherty LC, Favier R, French DL, Furie B, Gattens M, Germeshausen M, Ghevaert C, Goodeve AC, Guerrero JA, Hampshire DJ, Hart DP, Heemskerk JW, Henskens YM, Hill M, Hogg N, Jolley JD, Kahr WH, Kelly AM, Kerr R, Kostadima M, Kunishima S, Lambert MP, Liesner R, López JA, Mapeta RP, Mathias M, Millar CM, Nathwani A, Neerman-Arbez M, Nurden AT, Nurden P, Othman M, Peerlinck K, Perry DJ, Poudel P, Reitsma P, Rondina MT, Smethurst PA, Stevenson W, Szkotak A, Tuna S, van Geet C, Whitehorn D, Wilcox DA, Zhang B, Revel-Vilk S, Gresele P, Bellissimo DB, Penkett CJ, Laffan MA, Mumford AD, Rendon A, Gomez K, Freson K,

Ouwehand WH, Turro E. A high-throughput sequencing test for diagnosing inherited bleeding, thrombotic, and platelet disorders. Blood. 2016;127(23):2791-803.
26. **Bury L**, Falcinelli E, Chiasserini D, Springer TA, Italiano JE Jr, Gresele P. Cytoskeletal perturbation leads to platelet dysfunction and thrombocytopenia in Glanzmann variants. Haematologica. 2016;101(1):46-56.
27. **Bury L**, Nardiello P, Fierro T, Zarrilli F, Coppola A, Castaldo G, Gresele P. First Diagnosis of Hemophilia B in a Nonagenarian. J Am Geriatr Soc. 2016;64(1):230-1.
28. Gresele P, **Bury L**, Falcinelli E. Inherited Platelet Function Disorders: Algorithms for Phenotypic and Genetic Investigation. Semin Thromb Hemost. 2016;42(3):292-305.
29. Gresele P, Falcinelli E, **Bury L**. Inherited platelet function disorders: diagnostic approach and management. Hamostaseologie 2016; 36(4):265-278.
30. Civaschi E, Klersy C, Melazzini F, Pujol-Moix N, Santoro C, Cattaneo M, Lavenu-Bombled C, **Bury L**, Minuz P, Nurden P, Cid AR, Cuker A, Latger-Cannard V, Favier R, Nichele I, Noris P; European Haematology Association Scientific Working Group on Thrombocytopenias and Platelet Function Disorders. Analysis of 65 pregnancies in 34 women with five different forms of inherited platelet function disorders. Br J Haematol. 2015;170(4):559-63.
31. Bafunno V*, **Bury L***, Tiscia GL, Fierro T, Favuzzi G, Caliandro R, Sessa F, Grandone E, Margaglione M, Gresele P. A novel congenital dysprothrombinemia leading to defective prothrombin maturation. Thromb Res. 2014. 134(5):1135-41. * co-first author
32. Noris P, Schlegel N, Klersy C, Heller PG, Civaschi E, Pujol-Moix N, Fabris F, Favier R, Gresele P, Latger-Cannard V, Cuker A, Nurden P, Greinacher A, Cattaneo M, De Candia E, Pecci A, Hurtaud-Roux MF, Glembotsky AC, Muñiz-Diaz E, Randi ML, Trillot N, **Bury L**, Lecompte T, Marconi C, Savoia A, Balduini CL. Analysis of 339 pregnancies in 181 women with 13 different forms of inherited thrombocytopenia. Haematologica. 2014; 99(8):1387-94.
33. Gresele P, Harrison P, **Bury L**, Falcinelli E, Gachet C, Hayward CP, Kenny D, Mezzano D, Mumford AD, Nugent D, Nurden AT, Orsini S, Cattaneo M. Diagnosis of suspected inherited platelet function disorders: results of a worldwide survey. J Thromb Haemost. 2014;12:1562-9.
34. Marturano A, **Bury L**, Gresele P. Possible incorrect genotyping of heterozygous factor V Leiden and Prothrombin 20210 gene mutations by the GeneXpert assay. Clin Chim Acta. 2014;435:36-9.
35. Gresele P, De Rocco D, **Bury L**, Fierro T, Mezzasoma AM, Pecci A, Savoia A. Apparent genotype-phenotype mismatch in a patient with MYH9-related disease: When the exception proves the rule. Thromb Haemost. 2013;110(3):618-620.
36. **Bury L**, Malara A, Gresele P, Balduini A Outside-in signalling generated by a constitutively activated integrin αIIbβ3 impairs proplatelet formation in human megakaryocytes. PLoS One. 2012;7(4):e34449.
37. Giannini S, Falcinelli E, **Bury L**, Guglielmini G, Rossi R, Momi S, Gresele P. Interaction with damaged vessel wall in vivo in humans induces platelets to express CD40L resulting in endothelial activation with no effect of aspirin intake. Am J Physiol Heart Circ Physiol. 2011;300(6):2072-9.
38. Falcinelli E, **Bury L**, Tolley N, Malvestiti M, Cecchetti L, Weyrich A, Gresele P. Response: MMP-9 in platelets: maybe, maybe not. Blood 2011; 118: 6471-6473.
39. Cecchetti L, Tolley ND, Michetti N, **Bury L**, Weyrich AS, Gresele P. Megakaryocytes differentially sort mRNAs for matrix metalloproteinases and their inhibitors into platelets: a mechanism for regulating synthetic events. Blood 2011;118(7):1903-11.

40. Gorello P, Brandimarte L, La Starza R, Pierini V, **Bury L**, Rosati R, Martelli MF, Vandenberghe P, Wlodarska I, Mecucci C. t(3;11)(q12;p15)/NUP98-LOC348801 fusion transcript in acute myeloid leukemia Haematologica 2008;93(9):1398-401.

Book chapters

• Loredana Bury, Emanuela Falcinelli, Paolo Gresele "Qualitative disorders of platelet function" WINTROBE'S CLINICAL HEMATOLOGY, 14TH EDITION" 2018 pp. 3482-3527 John P. Greer, Fred Appelbaum, Daniel A. Arber, Angela Dispenzieri, Todd Fehniger, Bertil Glader, Alan F. List, Robert T. Means, Jr., and George M. Rodgers. Lippincott Williams & Wilkins.

• Paolo Gresele, Loredana Bury, Emanuela Falcinelli, Marco Cattaneo "I disordini ereditari della funzione piastrinica" CLINICA E TERAPIA DELLE MALATTIE EMORRAGICHE E TROMBOTICHE" Giancarlo Castaman and Anna Falanga. 2018, Piccin Nuova Libraria S.p.A., Padova, Italy.