

UNIVERSITÀ DEGLI STUDI DI MILANO

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## **[Francesca Guerrieri] CURRICULUM VITAE**

### **INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)**

<b>COGNOME</b>	<b>GUERRIERI</b>
<b>NOME</b>	<b>FRANCESCA</b>
<b>DATA DI NASCITA</b>	<b>14/11/1978</b>

### **INSERIRE IL PROPRIO CURRICULUM (non eccedente le 30 pagine)**

**Current position:** Staff scientist, Cancer Research Center of Lyon (CRCL) UMR Inserm 1052 (France).

**Professional expertise:** Strong experience in molecular biology, chromatin remodeling and gene expression (ChIP, re-ChIP, RIP, ChIRP). Study of transcriptional and post-transcriptional regulation in normal and pathological eukaryotic cells (cancer, HBV infections). Exploration of the human, murine and environmental microbiome in different settings. Expertise in NGS (RNA Seq, Chip Seq, Mir Seq, Atac Seq, rRNA 16s, ITS-seq, Shotgun, Virome) and Nanostring Digital Counter (Mirnas in serum, lncRNAs panel, Single Cell).

### **Education: degrees and diplomas**

- 1997: Secondary School Certificate - Liceo Ginnasio Pilo Albertelli, - Rome, Italy
- 2004: B.Sc. Degree, Curriculum "Molecular Biology" – La Sapienza University of Rome. Dissertation title: "Acetylases and deacetylases in the transcriptional regulation of TP73 gene expression" (110 cum laude/110). Advisor: Prof. Bozzoni and Prof. Levrero
- 2005-2008: PhD Program in "Endocrinology and Molecular Medicine" (XXI Cycle) Sapienza University of Rome. Dissertation Title "Transcriptional regulation of NIS/SLC5A5 gene in normal and neoplastic hepatic cells.". Advisor: Prof. Gulino
- 2010: EASL Basic Course 6 - "Cell Biology of the liver"
- 2011: EMBL Course - "EMBL Genomatrix Practical Course Next-Gen Sequencing Data Analysis"
- 2012: Sequencing NGS (Alp Nano Bio International School 3, ANIS3)
- 2019: Qlucore Data analysis
- 2020: Statistics for Biologists (Lyon, Biosciences&Co)

- 2020-2021 : University Diploma (ongoing) DU «Infectiologie, chimiothérapie anti-infectieuse et vaccinologie» (University of Lyon)

## Research experience

- 2001-2004 Training and research activity in the Laboratory of Gene Expression. Andrea Cesalpino Foundation – Rome (Italy). Director: Prof. Massimo Levrero
- 2005 PhD student in the Laboratory of Molecular Oncology –Dept of Experimental Medicine – Sapienza University of Rome (Italy) Director: Prof. Alberto Gulino
- 2006-2007 Research activity at the INSERM U785, CHB Institut Paul Brousse, Villejuif, Paris, France. Tutors: Prof.ssa Jamila Faivre and Prof. Christian Brechot
- 2008 - 2009 Research activity in the Laboratory of Gene Expression -Andrea Cesalpino Foundation – Rome (Italy).
- 2009-2010 Post-Doctoral Fellow - Laboratory of Gene Expression Andrea Cesalpino Foundation.
- 2011-2013 Staff Scientist Research Contract (Assegno di Ricerca). Dept of Internal Medicine, Sapienza University of Rome. Director: Prof. Massimo Levrero
- 2014-2019 Group Leader, IIT (Istituto Italiano di Tecnologia, Rome) Integrative Genomic and Epigenomic Platform
- 2019- today Staff Scientist, Cancer Research Center of Lyon (CRCL) UMR Inserm 1052 (France). Director: Prof. Massimo Levrero

## Grants

- 2017- 2020 Life2020  
Role: Principal Investigator  
Title: Development of assays for detecting Drug-drug Interaction effects and drug-induced HEpaTOXicity  
Financing institution: Lazio Innova. Funding: €151.000
- 2020 ONB (Ente nazionale dei biologi)  
Role: Scientific Coordinator.  
Title: NGS and embedding-casting technique for the characterization of the Tomb of the Pancrazi  
Funding: €10.000
- 2019-2021  
Role: Research activity and Supervision  
Title: Role of the HBx - DLEU2 lncRNA functional interaction in the regulation of Ezh2/PRC2 activity and HBV-related liver carcinogenesis.  
Financing institution: National Agency for Research against AIDS and Hepatitis (ANRS/Francia).
- 2014-2018  
Role: Principal Investigator  
Microbiota sequencing (16s and shotgun). 22 projects. Funding: €130.000

## University teaching responsibilities

- National Academic Qualification as Associate Professor in Italy: 06/A3 Microbiology and clinical microbiology (until to 12/11/2029)
- National Academic Qualification as Associate Professor in Italy: 06/N1 Sciences of the healthcare professions and applied medical technologies (until to 13/11/2029)
- National Academic Qualification as Associate Professor in Italy: 05/E2 Molecular Biology (until to 13/11/2029)
- Qualification for Assistant Professor in France: qualification #17264305013, Maître de conférences, 64-Biologie moléculaire, obtained on 02/02/2017 and valid till 31/12/2021.

- Trainer for the “1st First Rome Oncogenomic Center Practical Course on Chromatin Immunoprecipitation Related Techniques” in 2013.
- Teaching course on theoretical and practical approach to genomic high throughput sequencing technologies (“Applicazioni delle tecnologie genomiche in biomedicina” – “Application of genomic technologies in biomedicine”) in the Medical Biotechnology curriculum at University of Rome La Sapienza.
- Training of one Master students during my thesis internship, Ms. Valeria Schinzari. (January 2004 – November 2005). Conceptual support, technical training and monitoring, report/dissertation correction.
- Training of one PhD student during my 1st Post-Doctoral internship, Ms. Cecilia Scisciani (May 2010 – juillet 2011). Conceptual support, technical training and monitoring.
- Training and mentoring of 3 post-doctoral fellows during my 2nd Post-Doctoral training: Safaa Jeddari (2014) and Anna D’Angelo (2016), Vincenzo Alfano (2019-2022), Silvia Maria Serrao (2019), Alexia Paturel (2020-2021), Francesca Casuscelli (2020-2022)
- Training and thesis co-director of 2 Master students: Isabella Illuminati and Giuseppe Pascucci (2018)

### **Scientific prizes and awards**

- 2014 Young Investigator Bursary, UEGW, United European Gastroenterology week, Vienna
- 2013 EASL Young Investigator Bursary, EASL Annual Meeting. Amsterdam, The Netherlands, April
- 2013 Young Investigator Bursary, UEGW, United European Gastroenterology week, Berlin
- 2013 UEGW Berlin, National Scholars: Identification Of Hbx Target Mirnas That Regulate HBV Replication By Chip-Seq.
- 2012 Young Investigator Bursary, ISVHLD, The 14th International Symposium on Viral Hepatitis and Liver Disease, Shanghai
- 2012 Young Investigator Bursary, EASL Annual Meeting. Barcelona, Spain
- 2012 Award "Best Young Investigator EASL posters": "Identification of HBx target miRNAs that regulate HBV replication by ChIP-Seq".
- 2011 Young Investigator Bursary, EASL Annual Meeting. Berlin, Germany, March 30 – April 3, 2011
- 2010 Young Investigator Bursary, EASL Annual Meeting. Vienna, Austria, April 14–18
- 2010 Meeting Travel Grant, International Meeting on the Molecular Biology of HBV, Taipei
- 2010 Young Investigator Bursary, UEGW, United European Gastroenterology week, Barcelona, Spain
- 2009 Young Investigator Bursary, UEGW, United European Gastroenterology week, London
- 2005- 2008 Awarded a 3 years PhD fellowship, Sapienza University of Rome

### **Professional Service**

- Editorial Board Member: World Journal of Gastroenterology (2014-2021); International Journal of Genetics and Genomics (2019-2022)
- 2009-today Member of EASL (European association for the study of the liver)
- 2009-today Member of AISF (Associazione Italiana per lo studio del fegato)
- Journal Reviewer: Gut, Hepatology, Molecular Cancer, Scientific Report, Plos One, Oncotarget, Cellular Physiology and Biochemistry, World Journal of Hepatology, Cellular and Molecular Neurobiology, Epigenomics.

### **Languages**

- Italian – mother tongue
- English – very good
- French – excellent

**Scopus Identifier** (February 2021)

Author ID: 26434179900; Citations: 1270 total citations by 1111 documents; Co-authors: 201 ORCID: 0000-0002-2021-4394

**Hirsch Index (H-Index): 16 (Scopus); 18 (Google Scholar)**

## **Publications**

1. D.Salerno, L.Chiodo, V.Alfano, O.Floriot, G.Cottone, M.Palocca, L.Belloni, M.L.Plissonier, S.Jeddari, M B Zeisel, M. Levvero, **F. Guerrieri**. The HBV protein HBx directly binds DLEU2 lncRNA and sustains viral and host transcription. *Gut*. 2020 Nov 69(11), pp. 2016–2024.
2. Riganelli L, Iebba V, Piccioni M, Illuminati I, Bonfiglio G, Neroni B, Calvo L, Gagliardi A, Levvero M, Merlino L, Mariani M, Capri O, Pietrangeli D, Schippa S, **Guerrieri F**. Structural Variations of Vaginal and Endometrial Microbiota: Hints on Female Infertility. *Frontiers Cell Infect Microbiol*. 2020 Jul 14;10:350.
3. Coni S, Serrao SM, Yurtsever ZN, Di Magno L, Bordone R, Bertani C, Licursi V, Ianniello Z, Infante P, Moretti M, Petroni M, **Guerrieri F**, Fatica A, Maccone A, De Smaele E, Di Marcotullio L, Giannini Maroder M, Agostinelli E, Canettieri G. Blockade of EIF5A hypusination limits colorectal cancer growth by inhibiting MYC elongation. *Cell Death and Disease*, 2020, 11(12), 1045.
4. Antonelli F, Esposito, A., Plissionier ML, Galotta, G., Ricci S, Petriaggi Davidde B, Piazza S, **Guerrieri, F\***, Romagnoli, M\*. Essential oils as biocides for the preservation of waterlogged archaeological wood. *Microorganism* 2020, 8(12), pp. 1–25 2015.
5. V Barili, P Fisicaro, B Montanini, G Acerbi, G Forleo, C Romualdi, M Ferracin, C Boni, M Rossi, A Vecchi, **F Guerrieri**, et al. p53 and repressive H3 methylation drive metabolic dysregulation and exhaustion of HCV-specific CD8+ T cells. *Nat Commun*. 2020 Jan 30;11(1):604.
6. Schippa S, Frassanito A, Marazzato M, Nenna R, Petrarca L, Neroni B, Bonfiglio G, **Guerrieri F**, et al. Nasal Microbiota in RSV Bronchiolitis. *Microorganisms*. 2020 May 13;8(5):731
7. Antonelli, F., Esposito, A., Galotta, G., Piazza S, Romagnoli, M., **Guerrieri, F**. Microbiota in waterlogged archaeological wood: Use of next-generation sequencing to evaluate the risk of biodegradation. *evaluate the risk of biodegradation*. 2020 *Applied Sciences* (Switzerland)
8. NAbeywickrama Samarakoon, J-CCortay, CSureau, SMuller, DAlfaite, **FGuerrieri** et al. Hepatitis Delta Virus Histone Mimicry Drives The Recruitment Of Cellular Brf (Baz2b-Associated Remodelling Factor) Chromatin Remodelers For Viral Rna Replication. *Nat Commun*. 2020 Jan 21;11(1):419.
9. Antonelli F, Esposito A, Calvo L, Tisseyre P, Licursi V, Ricci S, Piazza S, **Guerrieri F**. Characterisation of the black patina of the Tiber's embankments by Next-Generation Sequencing. *Plos One* 10.1371/journal.pone.0227639 2019
10. A Grimaldi, C Serpe, G Chece, V Nigro, A Sarra, B Ruzicka, M Relucenti, G Familiari, G Ruocco, G R Pascucci, **F Guerrieri**, et al. Microglia-derived microvesicles affect microglia phenotype in glioma. *Frontiers in Cellular Neuroscience* 2019 Feb 22;13:41.
11. V Iebba\*, **F Guerrieri\***, et al.. A functional metagenomics investigation of cirrhotic patients highlights distinctive microbiota features involved in bacterial translocation, systemic inflammation and hepatic encephalopathy. *Scientific Report* 2018. May 29;8(1):8210. doi: 10.1038/s41598-018-26509-y.
12. Laudisi F., Di Fusco D., Dinallo V., Stolfi C., Di Grazia A., Marafini I., Colantoni A., Ortenzi A., Alteri C., **Guerrieri F.**, et al. Effect of food preservatives and additives in promoting intestinal inflammation. *Cellular and Molecular Gastroenterology and Hepatology*. 2018.  
<https://doi.org/10.1016/j.jcmgh.2018.09.002>
13. Belloni L., Di Cocco S., **Guerrieri F.**, et al. Metformin targets a phosphoSTAT-miRNAs pathway to inhibit lipid droplets accumulation and intracellular inflammation. *Scientific Report*. 2018 Sep 11;8(1):13638. doi: 10.1038/s41598-018-31835-2.
14. Darnaud M, Dos Santos A, Gonzales P, Augui S, Lacoste C, Desterke C, De Hertogh G, Valentino E, Braun E, Zheng J, Boisgard R, Neut C, Chiappini F, Samuel D, Lepage P, **Guerrieri F**, et al. Enteric Delivery of Regenerating Family Member 3 alpha Alters the Intestinal Microbiota and Controls Inflammation in Mice With Colitis. *Gastroenterology*. 2018 Mar;154(4):1009-1023.e14. doi: 10.1053/j.gastro.2017.11.003.

15. **Guerrieri F** et al. Genome-wide identification of direct HBx genomic targets. *BMC Genomics*. 2017 Feb 17;18(1):184. doi: 10.1186/s12864-017-3561-5
16. Fisicaro P, Barili V, Montanini B, Acerbi G, Ferracin M, **Guerrieri F**, et al. Targeting mitochondrial dysfunction can restore antiviral activity of exhausted HBV-specific CD8 T cells in chronic hepatitis B. *Nat Med*. 2017 Mar;23(3):327-336. doi: 10.1038/nm.4275.
17. Palumbo GA, Scisciani C, Pediconi N, Lupacchini L, Alfalate D, **Guerrieri F** et al. IL6 Inhibits HBV Transcription by Targeting the Epigenetic Control of the Nuclear cccDNA Minichromosome. *PLoS One*. 2015 Nov 18;10(11):e0142599.
18. **Guerrieri F**. Long non coding RNAs era in liver cancer. *World J Hepatol*. 2015 Aug 8;7(16):1971-3.
19. Costanzo A, Pediconi N, Narcisi A, **Guerrieri F**, et al. TP63 and TP73 in cancer, an unresolved “family” puzzle of complexity, redundancy and hierarchy. *FEBS letters*. 2014 588 (16), 2590-2599
20. **Guerrieri F** et al. Molecular Mechanisms of HBV-Associated Hepatocarcinogenesis. *Seminars in Liver Disease* 2013; 33(2):147-56.
21. **Guerrieri F** et al. The sodium/iodide symporter NIS is a transcriptional target of the p53-family members in liver cancer cells. *Cell Death & Disease* 01/2013; 4:e807.
22. Belloni L, Allweiss L, **Guerrieri F**, et al. IFN- $\alpha$  inhibits HBV transcription and replication in cell culture and in humanized mice by targeting the epigenetic regulation of the nuclear ccc-DNA minichromosome. *J Clin Invest*. 2012, 122, 529-37.
23. Massimi I, **Guerrieri F**, et al G. The HMGA1 proto-oncogene frequently deregulated in cancer is a transcriptional target of E2F1. *Mol Carcinog*. 2013 Jul;52(7):526-34. doi: 10.1002/mc.2188
24. Scisciani C, Vossio S, **Guerrieri F**, et al. Transcriptional regulation of miR-224 upregulated in human HCCs by NF- $\kappa$ B inflammatory pathways. *Journal of Hepatology* 12/2011; 56(4):855-61.
25. Testoni B, Völlenkle C, **Guerrieri F**, et al. Chromatin dynamics of gene activation and repression in response to interferon alpha (IFN( $\alpha$ )) reveal new roles for phosphorylated and unphosphorylated forms of the transcription factor STAT2. *Journal of Biological Chemistry* 06/2011; 286(23):20217-27.
26. Testoni B, V Schinzari, **F Guerrieri**, et al. p53-paralog DNp73 oncogene is repressed by IFN $\alpha$ /STAT2 through the recruitment of the Ezh2 polycomb group transcriptional repressor. *Oncogene* 03/2011; 30(23):2670-8.
27. Belloni L, Pollicino T, De Nicola F, **Guerrieri F**, et al. Nuclear HBx binds the HBV minichromosome and modifies the epigenetic regulation of cccDNA function. *Proc Natl Acad Sci USA*. 2009, 106, 19975-9
28. Pediconi N\*, **Guerrieri F\*** et al. hSirT1-dependent regulation of the PCAF-E2F1-p73 apoptotic pathway in response to DNA damage. *Mol Cell Biol*. 2009, 29, 1989-98.

#### Manuscript submitted

- **Guerrieri F**, Alfano V, Levrero M. LncRNAs in HBV-related HCC. *Cancers*
- Zeisel MB, **Guerrieri F**, Levrero M. Host epigenetic alterations and hepatitis B virus-associated hepatocellular carcinoma. *Journal of Clinical Medicine*

#### 6 Manuscripts in preparation

- G Pascucci, A...**Guerrieri F**. Identification of chromatin-accessible domains on host genome and HBV genome in HBV infected primary human hepatocytes. *Hepatology*
- Thirion M, Plissonnier M-L, Floriot O, Guerrieri F, Caron De Fromentel C, Zeisel MB, Levrero M. O-GlcNAc transferase and enhancer of zeste homolog 2 modulate cancer-associated pathways in hepatocellular
- Plissonnier M-L, Guerrieri et al. Circulating microRNAs to identify hepatocellular carcinoma risk in patients with hepatitis B virus-related cirrhosis treated with nucleotide analogues
- Plissonnier M-L, Guerrieri F, et al. Circulating microRNAs profiles to predict the risk of HCC development in DAA-treated HCV-related cirrhosis
- V Totino, C Cicerone, V Iebba, **F Guerrieri**, et al. Mucosa-associated microbiota structure and methylation status of genes involved in the inflammation response in Crohn's disease

- M Pombi, V Totino, B Fosso, M Santamaria, **F Guerrieri**, I et al. Characterization of surface layer microbial communities of anopheles gambiae complex larval habitats in Burkina Faso

## 49 Proceedings

### Oral presentations (9):

- D. Salerno, L. Chiodo, G. Cottone, M Pallocca, S. Jeddari, M. Levrero, F. Guerrieri. The HBV protein HBx directly binds DLEU2 lncRNA and sustains viral and host transcription. Colloque Génomique fonctionnelle du Foie, Rennes, France 2020.
- F Guerrieri. Microbiome and sequencing. CLNS meeting. Guado Tadino (Italy) 2015
- F Guerrieri, S Jeddari, D D'andrea, A Tramontano, M Levrero. HBx interact with and modulates the expression of the Dleu2 lncRNA locus in HBV replicating cells. 2014. Hepatology 60, 1019A. UEGW 2014, Vienne, Autriche. Awarded full travel grant to attend the meeting and present the data
- Guerrieri F, Belloni L, D'Andrea D, Le Pera L, Pediconi N, Tramontano A, Levrero M. Identification Of Hbx Target Mirnas That Regulate Hbv Replication By Chip-Seq. 2013.UEGW 2013, Berlin, Germany. Awarded full travel grant to attend the meeting and present the data
- Guerrieri F, Belloni L, D'Andrea D, Le Pera L, Pediconi N, Tramontano A, Levrero M. Identification Of Hbx Target Mirnas That Regulate Hbv Replication By Chip-Seq. 2013. Journal of Hepatology 58, S57. Awarded full travel grant to attend the meeting and present the data
- F Guerrieri, L Belloni, V Schinzari, T Pollicino, G Raimondo, G Blandino, Levrero M. Genome Wide Identification of HBx Cellular Target Genes And Transcriptional Partners In HBV Replicating Hcc Cells By Chip-Seq. 2010. Hepatology 52, 364A. International Meeting HBV Molecular Biology 2010, Taipei, Taiwan.
- Guerrieri F, Belloni L, D'Andrea D, Le Pera L, Pediconi N, Tramontano A, Levrero M. A genome wide chromatin-immunoprecipitation (ChIP-Seq) study to identify HBx cellular target genes and transcriptional partners in HBV replicating HCC cells. - ISVHLD 2012 Shanghai, China. Awarded full travel grant to attend the meeting and present the data
- F Guerrieri, L Belloni, V Schinzari, T Pollicino, G Raimondo, G Blandino, Levrero M HBx transcriptome in HCC cells replicating HBV: a chromatin-immunoprecipitation (ChIP and ChIP-Seq) study. APASL 2010 Meeting, Beijing, China
- F Guerrieri, L Belloni, V Schinzari, T Pollicino, G Raimondo, G Blandino, Levrero M Epigenetic regulation of cellular target genes by HBx: a chromatin-immunoprecipitation (ChIP and ChIP-Seq) study to define the HBx transcriptome in HBV replicating HCC cells. - Colloque Génomique fonctionnelle du Foie 2010, Rennes, France

### Poster presentations (40):

- ML Plissonnier, A Loglio, F Guerrieri, F Facchetti, CC De Fromentel et al. Circulating microRNAs profiles to predict the risk of HCC development in DAA-treated HCV-related cirrhosis. HEPATOLOGY 72, 33A-33A 2020
- M Thirion, ML Plissonnier, O Floriot, F Guerrieri, CC De Fromentel et al. O-GLCNAC transferase and enhancer of zeste homolog 2 modulate cancer-associated pathways in hepatocellular carcinoma. HEPATOLOGY 72, 242A-242A; 2020
- ML Plissonnier, F Guerrieri, A Loglio, F Facchetti, CC de Fromentel et al. circulating micrornas to identify hepatocellular carcinoma risk in patients with hepatitis b virus-related cirrhosis treated with nucleot (s) ide. HEPATOLOGY 72, 439A-440A; 2020
- V Barili, P Fisicaro, B Montanini, G Acerbi, A Filippi, A Zecca, C Boni, C Romualdi, M Ferracin, F Guerrieri et al. Targeting p53 and histone methyltransferases to restore fully exhausted CD8+ T cells in human HCV infection before and after DAA-therapy. Journal of Hepatology 73, S83; 2020
- O Floriot, V Alfano, GR Pascucci, M Pallocca, F De Nicola, Rivoire M, M Zeisel, Levrero M, Guerrieri F Hepatitis B virus (HBV) cccDNA mini-chromosome transposase-accessible chromatin by atac-seq in infected primary human hepatocytes (PHHs). Journal of Hepatology 73, S850 2020
- O Floriot, GR Pascucci, M Pallocca, F de Nicola, M Rivoire, ML Plissonnier, M Zeisel, Levrero M, Guerrieri F. Identification of chromatin-accessible domains on the host genome and hepatitis B virus mini-chromosome in infected primary human hepatocytes. Journal of Hepatology 70 (1), e702
- Hepatitis Delta virus histone mimicry drives the recruitment of cellular BRF (BAZ2B-associated remodelling

factor) chromatin remodelers for viral RNA replication. NA Samarakoon, JC Cortay, C Sureau, S Muller, D Alfaiate, F Guerrieri, P Merle, Levrero M, Deny P. HEPATOLOGY 70, 641A-641A

- VDI Gregorio, V Iebba, F Guerrieri, M Levrero, A Gagliardi, F Santangelo, AP Sobolev, S Circi, V Giannelli, L Mannina, S Schippa, M Merli. A functional metagenomics investigation of cirrhotic patients highlights distinctive microbiota features involved in bacterial translocation, systemic inflammation and hepatic encephalopathy. *Journal of Hepatology* 68, S606
- F Guerrieri, D Salerno, L Chiodo, G Cottone, M Pallocca, O Floriot, M Levrero. HBx/DLEU2/EZH2 co-regulation of host genes expression in HCC. 2018. *Journal of Hepatology* 68, S687-S688
- M Pombi, V Totino, B Fosso, M Santamaria, F Guerrieri, I Bassole, W M Guelbeogo, N Sagnon, V Iebba, G Pesole, A della Torre, S Schippa, C Costantini. Characterization of surface layer microbial communities of anopheles gambiae complex larval habitats in Burkina Faso. 2017. *American Journal of Tropical Medicine and Hygiene* 95 (5), 251-251
- P Fisicaro, V Barili, G Acerbi, B Montanini, D Laccabue, F Guerrieri, M Massari, C Vandelli, D Salerno, G Grossi, A Alfieri, P Lampertico, T Giuberti, G Missale, M Levrero, S Ottonello, C Ferrari. Proteasome dysfunction as a reversible defect underlying virus-specific CD8 cell exhaustion in chronic hepatitis B. 2017. *Journal of Hepatology* 66 (1), S30
- V Barili, P Fisicaro, B Montanini, G Acerbi, F Guerrieri, A Orlandini, E Negri, C Mori, MC Cavallo, M Massari, G Missale, M Levrero, S Ottonello, C Ferrari. Metabolic signatures of chronic hepatitis C evolution revealed by transcriptome profiling of virus-specific CD8 cells across different stages of HCV infection. 2017. *Journal of Hepatology* 66 (1), S31
- F Guerrieri, L Chiodo, D Salerno, O Floriot, S Jeddari, G Ruocco, Levrero M. The binding of the DLEU2 lncRNA to HBx and the cccDNA affects viral chromatin transcription in HBV infected cells. 2016. HEPATOLOGY 64, 315A-316A
- V Barnaba, C Martire, I Cammarata, A Citro, G Peruzzi, F Guerrieri, R Scrivo, G Valesini. Immunological tolerance mechanisms controlling human autoreactive CD8 (+) T cells in healthy and autoimmune conditions. *EUROPEAN JOURNAL OF IMMUNOLOGY* 46, 808-808
- C Cicerone, V Totino, V Iebba, P Vernia, S Pontone, B Porowska, M Giovannone, F Santangelo, A Gagliardi, F Guerrieri, M Levrero, F Pantanella, S Schippa, E Corazzini. Mucosa-Associated Microbiota and Promoter Methylation Status of Genes Involved in Immune Response in Crohn's Disease Patients. 2016. *Gastroenterology* 150 (4), S818
- F Guerrieri, L Chiodo, D Salerno, S Jeddari, G Ruocco, M Levrero. The HBX-DLEU2 LNCRNA Complex Regulates Transcription from the HBV CCCDNA and from Cellular Genes in CIS and in Trans. 2016. *Journal of Hepatology* 64 (2), S388
- F Guerrieri, L Chiodo, D Salerno, S Jeddari, G Ruocco, M Levrero. the HBx-DLEU2 lncrna complex regulates transcription from cellular genes and the HBV cccdna. 2015. *Hepatology* 62, 293A
- F Guerrieri, L Chiodo, S Jeddari, D D'Andrea, G Ruocco, A Tramontano, M Levrero. HBx-DLEU2 lncRNA complex affects transcription of new target promoters. 2015. *Journal of Hepatology* 62, S514-S515
- D Armenia, L Carioti, VC Di Maio, MC Bellocchi, D Di Paolo, F Guerrieri, L Calvo, V Cento, M Tontodonati, V Micheli, F De Leonardis, M Aragri, E Polilli, A Manunta, C Magni, FP Antonucci, F De Luca, C Sarrecchia, A Bertoli, I Lenci, S Francioso, MM Santoro, J Vecchiet, S Marengo, A Picciotto, L Nosotti, F Morisco, S Bruno, M Puoti, S Babudieri, MS Mura, M Andreoni, G Rizzardini, G Parruti, M Levrero, M Angelico, CF Perno, F Ceccherini-Silberstein. Clinical relevance of next generation sequencing on baseline detection of minority resistance associated variants in HCV-1 patients treated with protease inhibitors. 2015. *Digestive and Liver Disease* 47, e48
- Guerrieri F, Chiodo L, Jeddari S, D'Andrea D, Tramontano A, Levrero M. HBx-DLEU2 lncRNA complex affects transcription of new target promoters. 2015. *Digestive and Liver Disease* 47, e30
- Guerrieri F, Jeddari S, Belloni I, D'Andrea D, Tramontano A, Levrero M. HBx directly mediates deregulation of several ncRNAs identified by ChIP-Seq experiment. 2014. *Journal of Hepatology* 60 (1), S129
- Guerrieri F, Jeddari S, D'Andrea D, Tramontano A, Levrero M. HBx interact with and modulates the expression of the DLEU2 lncRNA locus in HBV replicating cells. 2014. *Digestive and Liver Disease* 46, e25
- F Guerrieri, L Belloni, D D'andrea, A Tramontano, M Levrero. A genome wide chromatin-immunoprecipitation (ChIPSeq) study identifies a broad repertoire of miRNAs as direct targets of HBx. 2012.

Hepatology 56, 213A

- Guerrieri F, Scisciani C, Belloni L, Sbardellati A, Tramontani A, Levrero M, Pediconi N. Hbx-Induced Repression of Mir224 Expression Relieves The Direct Inhibitory Effects Of Mir224 On Hbv Pgrna To Potentiate Hbv Replication. 2012. Journal of Hepatology 56, S176. Awarded the EASL prize for "Best Poster Presentation"
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Data

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