

Section A. PERSONAL DATA

Date of the CVA

27-07-2023

Name and Surname	Yulia A. Nevzorova		
NIE	Y4391524X	Edad	43
Researcher's identification number	Researcher ID	X-2156-2018	
	ORCID	000-003-1390-8002	

A.1. CURRENT PROFESSIONAL SITUATION

Institution	Universidad Complutense de Madrid (UCM)		
Department	Department of Genetic, Physiology y Microbiology		
Address	c/Jose Antonio Novais, 12, Facultad de Biología, 28040, Madrid		
Phone	+34679615144	e-mail	yulianev@ucm.es
Professional category	Profesora Titular de Universidad	Start date	06/2017
UNESCO spec. code	240113, 241010		
Keywords	liver, NAFLD, ALD, c-MYC		

A.2. ACADEMIC EDUCATION

Bachelor/Master /PhD	University	Year
Degree in Medicine (M.D.)	Northern State Medical University, Archangelsk, Russian Federation	2003
Doctor in Scientific Medicine (Ph.D.)	University Hospital RWTH Aachen, Germany	2009

A.3. Professional category: Ramón y Cajal (RyC) Researcher/PDI. Universidad Complutense. Knowledge Area: Immunology. Since start date: 18 months.

A.4. General quality indicators of scientific production

A total of 22 scientific publications and 4 book chapters. Total citations: 1700(Google Scholar). Citations in the last 5 years: 1360. Index "h": 24. Index "h" last 5 years: 21.

Part B. MOST RELEVANT MERITS

B.1. Publications

Original Publications (in chronological order)

1. Aguilar-Bravo B, Ariño S, Blaya D, Pose E, Martínez García de la Torre RA, Latasa MU, Martínez-Sánchez C, Zanatto L, Sererols-Viñas L, Cantallops-Vilà P, Affo S, Coll M, Thillen X, Dubuquoy L, Avila MA, Argemi J, Paz AL, **Nevzorova YA**, Cubero FJ, Bataller R, Lozano JJ, Ginès P, Mathurin P, Sancho-Bru P. Hepatocyte dedifferentiation profiling in alcohol-related liver disease identifies CXCR4 as a driver of cell reprogramming. *J Hepatol.* 2023 Apr 21:S0168-8278(23)00236-2. doi: 10.1016/j.jhep.2023.04.013.
2. Ramadori P, Woitok MM, Estévez-Vázquez O, Benedé-Ubieto R, Leal-Lassalle H, Lamas-Paz A, Guo F, Fabre J, Otto J, Verwaayen A, Reissing J, Bruns T, Erschfeld S, Haas U, Paffen D, Nelson LJ, Vaquero J, Bañares R, Trautwein C, Cubero FJ, Liedtke C, **Nevzorova YA***. Lack of Cyclin E1 in hepatocytes aggravates ethanol-induced liver injury and hepatic steatosis in experimental murine model of acute and chronic alcohol-associated liver disease. *Biochim Biophys Acta Mol Basis Dis.* 2023 Apr;1869(4):166646. doi: 10.1016/j.bbdis.2023.166646. Epub 2023 Feb 1. *Corresponding Author
3. Goikoetxea-Usandizaga N, Bravo M, Egia-Mendikute L, Abecia L, Serrano-Maciá M, Urduinguio RG, Clos-García M, Rodríguez-Agudo R, Araujo-Legido R, López-Bermudo L, Delgado TC, Lachiondo-Ortega S, González-Recio I, Gil-Pitarch C, Peña-Cearra A, Simón J, Benedé-Ubieto R, Ariño S, Herranz JM, Azkargorta M, Salazar-Bermeo J, Martí N, Varela-Rey M, Falcón-Pérez JM, Lorenzo Ó, Nogueiras R, Elortza F, **Nevzorova YA**, Cubero FJ, Saura D, Martínez-Cruz LA, Sabio G, Palazón A, Sancho-Bru P, Elguezabal N, Fraga MF, Ávila MA, Bataller R, Marín JJG, Martín F, Martínez-Chantar ML. The



outcome of boosting mitochondrial activity in alcohol-associated liver disease is organ-dependent. *Hepatology*. 2023 Feb 9. doi: 10.1097/HEP.000000000000303. Online ahead of print. PMID: 36745935

4. Ye H, Chen C, Wu H, Zheng K, Martín-Adrados B, Caparros E, Francés R, Nelson LJ, Gómez Del Moral M, Asensio I, Vaquero J, Bañares R, Ávila MA, Andrade RJ, Isabel Lucena M, Martínez-Chantar ML, Reeves HL, Masson S, Blumberg RS, Gracia-Sancho J, **Nevezorova YA**, Martínez-Naves E, Cubero FJ. Genetic and pharmacological inhibition of XBP1 protects against APAP hepatotoxicity through the activation of autophagy. *Cell Death Dis*. 2022 Feb 10;13(2):143. doi: 10.1038/s41419-022-04580-8.

5. Guo, F.; Estevez-Vazquez, O.; Benede-Ubieto, R.; Maya-Miles, D.; Zheng, K.; Gallego-Duran, R.; Rojas, A.; Ampuero, J.; Romero-Gomez, M.; Philip, K.; Egbuniwe, I. U.; Chen, C.; Simon, J.; Delgado, T. C.; Martínez-Chantar, M. L.; Sun, J.; Reissing, J.; Bruns, T.; Lamas-Paz, A.; Moral, M. G. D.; Woitok, M. M.; Vaquero, J.; Regueiro, J. R.; Liedtke, C.; Trautwein, C.; Banares, R.; Cubero, F. J.; **Nevezorova, Y. A.*** A shortcut from metabolic-associated fatty liver disease (MAFLD) to hepatocellular carcinoma (hcc): C-myc a promising target for preventative strategies and individualized therapy. *Cancers (Basel)* 2021, 14. *Corresponding Author

6. Estévez-Vázquez O, Benedé-Ubieto R, Guo F, Gómez-Santos B, Aspichueta P, Reissing J, Bruns T, Sanz-García C, Sydor S, Bechmann LP, Marañillo E, Sañudo JR, Vázquez MT, Lamas-Paz A, Morán L, Mazariegos MS, Ciudin A, Pericàs JM, Peligros MI, Vaquero J, Martínez-Naves E, Liedtke C, Regueiro JR, Trautwein C, Bañares R, Cubero FJ, **Nevezorova YA***. Fat: Quality, or Quantity? What Matters Most for the Progression of Metabolic Associated Fatty Liver Disease (MAFLD). *Biomedicines*.2021 Sep 22;9(10):1289. doi: 10.3390/biomedicines9101289. *Corresponding Author

7. Figge A, Sydor S, Wenning C, Manka P, Assmuth S, Vilchez-Vargas R, Link A, Jähnert A, Brodesser S, Lucas C, **Nevezorova YA**, Faber KN, Moshage H, Porsch-Özcürümez M, Gerken G, Cubero FJ, Canbay A, Bechmann LP. Gender and gut microbiota composition determine hepatic bile acid, metabolic and inflammatory response to a single fast-food meal in healthy adults. *Clin Nutr*. 2021 May;40(5):2609-2619. doi: 10.1016/j.clnu.2021.04.008. Epub 2021 Apr 20. PMID: 33933727

8. Benedé-Ubieto R, Estévez-Vázquez O, Flores-Perojo V, Macías-Rodríguez RU, Ruiz-Margáin A, Martínez-Naves E, Regueiro JR, Ávila M, Trautwein C, Bañares R, Bosch J, Cubero FJ, **Nevezorova YA***. Abnormal liver function test in patients infected with coronavirus (SARS-CoV-2): A retrospective single center study from Spain. *Journal of Clinical Medicine* 2021, 10(5), 1039 (*Corresponding Author

9. Benedé-Ubieto R., Estévez-Vázquez O., Guo F., Chen, C, Singh, Y., Nakaya, H., Gómez del Moral, M., Lamas-Paz, A., Morán, L., López-Alcántara, N., Reissing, J., Bruns, T., Avila, M., Santamaría, E., Mazariegos, M.S., Woitok, M.M, Haas, U., Zheng, K., Juárez, I., Martín-Villa J.M., Asensio, I., Vaquero, J., Peligros, M.I., Argemi, J., Bataller, R., Ampuero, J., Gómez M.R., Trautwein C., Liedtke C., Bañares, R., Cubero, F. J., **Nevezorova Y.A***. A novel experimental DUAL model of advanced liver damage *Hepatology Communication*, 2021, 10.1002/hep4.1698 *Corresponding Author

10. Campos-Murguía, A., Roman-Calleja, B.M., Toledo-Coronado, I.V, Gonzalez-Regueiro, JA., Solis-Ortega, A.A., Kusulas-Delint, D., Cruz-Contreras, M., Cruz-Yedra, N., Cubero, F.J., **Nevezorova, Y.A.**, Martínez-Cabrera, C.F., Moreno-Guillen, P., Lozano-Cruz, O.A., Chapa-Ibarguengoitia, M., Gullías-Herrero, A., Aguilar-Salinas, C.A., Ruiz-Margáin, A., and Macías-Rodríguez, R.U. Liver fibrosis in patients with metabolic associated fatty liver disease is a risk factor for adverse outcomes in COVID-19. *Dig Liver Dis* doi: 10.1016/j.dld.2021.01.019

11. Lamas-Paz, A., Morán, L., Peng, J., Salinas, B., Lopez-Alcántara, N., Sydor, S., Vilchez-Vargas, R., Asensio, I., Hao, F., Zheng, K., Martín-Adrados, B., Moreno, L., Cogolludo, A., Gómez del Moral, M., Bechmann, L., Martínez-Naves, E., Vaquero, J., Bañares, R., Nevezorova, Y.A., Cubero, F. Intestinal epithelial cell-derived extracellular vesicles (EVs) modulate hepatic injury via the gut-liver axis during acute alcohol injury. *Frontiers in Pharmacology* 2020;11:1738

12. Hubbers, A., Hennings, J., Lambertz, D., Haas U, Trautwein, C., Nevezorova, Y.A., Sonntag, R., et al. Pharmacological Inhibition of Cyclin-Dependent Kinases Triggers Anti-Fibrotic Effects in Hepatic Stellate Cells In Vitro. *Int J Mol Sci* 2020;21



13. Cubero, F.J., Mohamed, M.R., Woitok, M.M., Zhao, G., Hatting, M., Nevzorova, Y.A., Chen, C., et al. Loss of c-Jun N-terminal Kinase 1 and 2 Function in Liver Epithelial Cells Triggers Biliary Hyperproliferation Resembling Cholangiocarcinoma. *Hepatol Commun* 2020; 4:834-851.
14. Tomas-Loba, A., Manieri, E., Gonzalez-Teran, B., Mora, A., Leiva-Vega, L., Santamans, A. M., Romero-Becerra, R., Rodriguez, E., Pintor-Chocano, A., Feixas, F., Lopez, J. A., Caballero, B., Trakala, M., Blanco, O., Torres, J. L., Hernandez-Cosido, L., Montalvo-Romeral, V., Matesanz, N., Roche-Molina, M., Bernal, J. A., Mischo, H., Leon, M., Caballero, A., Miranda-Saavedra, D., Ruiz-Cabello, J., Nevzorova, Y. A., Cubero, F. J., Bravo, J., Vazquez, J., Malumbres, M., Marcos, M., Osuna, S. and Sabio, G. p38gamma is essential for cell cycle progression and liver tumorigenesis. *Nature* 2019;568:557-560
15. Sonntag R., Giebeler N., **Nevzorova Y.A.**, Bangen JM., Fahrenkamp D., Lambertz D., Haas U., Gassler N, Cubero FJ, Müller-Newen G, Abdallah AT, Weiskirchen R, Ticconi F, Costa IG, Barbacid M, Trautwein C, Liedtke C. *Cyclin E1 and cyclin-dependent kinase 2 are critical for initiation, but not for progression of hepatocellular carcinoma*. *Proc Natl Acad Sci U S A* **2018**, doi: 10.1073/pnas.1807155115
16. Hao, F., Cubero, F.J., Lijun, L., Ramadori, P., Streetz, K.L., Haas, U., Lambertz, D., Gassler, N., Hoss, M., Reissing, J., Zimmermann, H.W., Trautwein, C., Liedtke, C., **Nevzorova, Y.A.** *Inhibition of Caspase-8 does not protect from alcohol-induced liver apoptosis but alleviates alcoholic hepatic steatosis in mice*. *Cell death and disease*. 2017; 8(10):e3152. *Corresponding Author
17. **Nevzorova, Y.A.** *; Grossmann, J.; Trautwein, C. *Anti-tumorigenic and anti-angiogenic effects of natural conifer abies sibirica terpenoids in vivo and in vitro*. *Biomed Pharmacother*. **2017**, 89, 386-395. (*Corresponding Author
18. **Nevzorova, Y.A.***, Cubero, F.J., Hu, W., Haas, U., Ramadori, P., Gassler, N., Strnad, P., Wolfgang Zimmermann, H., Tacke, F., Trautwein, C., Liedtke C. *Overexpression of c-myc in hepatocytes promotes initiation and progression of alcoholic liver disease (ALD)*. *J Hepatology*. **2016**; 64(3):628-40 *Corresponding Author
19. Hatting, M., Spannbaauer, M., Peng, J., Al Masaoudi, M., Sellge G., **Nevzorova, Y.A.**, Gassler, N., Liedtke, C., Cubero, F.J., Trautwein, C. *Lack of gp130 in hepatocytes attenuates tumor progression in the DEN model*. *Cell Death & Disease* **2015**; 6:e1667
20. Schaefer, F.M., Peng, J., Hu, W., Drvarov, O., **Nevzorova, Y.A.**, Zhao, G., Al Masaoudi, M., Davis, R.J., Trautwein, C., Cubero, F.J. *Bone-marrow derived c-jun N-terminal kinase 1 (JNK1) mediates liver regeneration*. *BBA Molecular Basis of Disease* **2015**; 1852:137-45
21. Cubero F.J., Zhao G., **Nevzorova Y.A.**, Hatting M., Masaoudi M.A., Verdier J., Peng J., Schaefer F.M., Hermanns N., Boekschoten MV, Grouls C., Gassler N., Kiessling F., Muller M., Davis R.J., Liedtke C., Trautwein C. *Hematopoietic cells-derived Jnk1 is crucial for chronic inflammation and carcinogenesis in an experimental model of liver injury*. *J Hepatology* **2015**; 62:140-9.
22. Borkham-Kamphorst E., Schaffrath C., Van de Leur E., Haas U., Tihaa L., Meurer S.K., **Nevzorova Y.A.**, Liedtke C., Weiskirchen R. *The anti-fibrotic effects of CCN1/CYR61 in primary portal myofibroblasts are mediated through induction of reactive oxygen species resulting in cellular senescence, apoptosis and attenuated TGF-β signaling*. *BBA-Molecular Cell Research*, **2014**;1 843:902-14.
23. Zhao G., Hatting M., Nevzorova Y.A., Peng J., Hu W., Boekschoten M.V., Roskams T., Müller M., Gassler, N., Liedtke C., Davis R.J, Cubero F.J., Trautwein C. *Jnk1 in murine hepatic stellate cells is a crucial mediator of liver fibrogenesis*. *Gut* 2014; 63:1159-72.
24. Hu W., **Nevzorova Y.A.**, Haas U., Moro N., Sicinski P., Geng Y., Barbacid M., Trautwein C., Liedtke C. *Concurrent deletion of Cyclin E1 and Cyclin dependent kinase 2 in hepatocytes inhibits DNA replication and liver regeneration in mice*. *Hepatology* **2014**; 59:651-60
25. **Nevzorova Y.A.**, Cubero FJ, Hu W., Haas U., Freimuth J., Tacke F., Trautwein C., Liedtke C. *Over-expression of c-myc in hepatocytes promotes activation of hepatic stellate cells and facilitates the onset of liver fibrosis*. *BBA Molecular Basis of Disease* **2013**; 1832:1765-75



26. Freimuth, J., Bangen, J.M., Lambertz, D., Hu, W., **Nevezorova, Y.A.**, Sonntag, R., Gassler, N., Riethmacher, D., Trautwein, C., Liedtke, C. *Loss of caspase-8 in hepatocytes accelerates the onset of liver regeneration in mice through premature NF κ B activation.* *Hepatology* **2013**; 58:1779-89.
27. Cubero F.J., Singh A., Borkham-Kamphorst E., **Nevezorova Y.A.**, Masaoudi M., Haas U., Boeschoten M.V., Gassler N., Weiskirchen R., Müller M., Liedtke C., Trautwein C. *TNFR1 determines progression of chronic liver injury in the IKK γ /Nemo genetic model.* *Cell Death Differ.* **2013**; 20:1580-92
28. **Nevezorova, Y.A.**, Bangen, J M., Haas, U., Hu, W., Weiskirchen, R., Gassler, N., Sicinski, P., Tacke, F., Trautwein, C., and Liedtke C. *Cyclin E1 controls proliferation of hepatic stellate cells and is essential for liver fibrogenesis in mice.* *Hepatology* **2012**; 56:1140-9
29. **Nevezorova, Y.A.**, Tschaharganeh, D., Gassler, N., Geng, Y., Weiskirchen, R. Sicinski, P., Trautwein, C., Liedtke, C. *Aberrant cell cycle progression and endoreplication in the murine regenerating liver expressing a single E-type cyclin.* *Gastroenterology* **2009**; 137:691-703, 703 e1-6.
30. Zschemisch, N.H., Liedtke, C., Dierssen, U., **Nevezorova, Y.A.**, Wustefeld, T., Borlak, J., Manns, M.P., and Trautwein, C. *Expression of a cyclin E1 isoform in mice is correlated with the quiescent cell cycle status of hepatocytes in vivo.* *Hepatology.* **2006**; 44:164-73

Review Articles

1. Gutierrez AH, Mazariegos MS, Alemany S, **Nevezorova YA**, Cubero FJ, Sanz-García C. Tumor progression locus 2 (TPL2): A Cot-plicated progression from inflammation to chronic liver disease. *Biochim Biophys Acta Mol Basis Dis.* 2023 Apr;1869(4):166660.doi:10.1016/j.bbadis.2023.166660. Epub 2023 Feb 8.
2. Sanz-Garcia C, **Nevezorova YA**, Martínez-Naves E, Cubero FJ; Iberoamerican Consortium for the study of liver Cirrhosis; Hionides-Gutierrez A, Sañudo JR, Enrich C, Rentero C, Sancho-Bru P, Macías-Rodríguez RU, Ruiz-Margain A, Kershenobich-Stalnikowitz D, Vargas NR, Muñoz AE, Nakaya HI. Novel therapeutic avenues for the study of chronic liver disease and regeneration: The foundation of the Iberoamerican Consortium for the study of liver Cirrhosis. *Gastroenterol Hepatol.* 2023 Apr;46(4):322-328. doi: 10.1016/j.gastrohep.2022.05.012. Epub 2022 Jun 7.
3. **Nevezorova YA**, Weiskirchen R, Liedtke C. Mouse Models for Hepatic Stellate Cell Activation and Liver Fibrosis Initiation. *Methods Mol Biol.* 2023;2669:177-191. doi: 10.1007/978-1-0716-3207-9_10.PMID: 37247060
4. Liedtke C, **Nevezorova YA**, Luedde T, Zimmermann H, Kroy D, Strnad P, Berres ML, Bernhagen J, Tacke F, Nattermann J, Spengler U, Sauerbruch T, Wree A, Abdullah Z, Tolba RH, Trebicka J, Lammers T, Trautwein C, Weiskirchen R. Liver Fibrosis-From Mechanisms of Injury to Modulation of Disease. *Front Med (Lausanne).* 2022 Jan 11;8:814496. doi: 10.3389/fmed.2021.814496. eCollection 2021.
5. Wu H, Chen C, Ziani S, Nelson LJ, Ávila MA, Nevezorova YA, Cubero FJ. Fibrotic Events in the Progression of Cholestatic Liver Disease. *Cells.* 2021 May 5;10(5):1107. doi: 10.3390/cells10051107. 440
6. Torres, S., Abdullah, Z., Brol, M. J., Hellerbrand, C., Fernandez, M., Fiorotto, R., Klein, S., Königshofer, P., Liedtke, C., Lotersztajn, S., **Nevezorova, Y. A.***, Schierwagen, R., Reiberger, T., Uschner, F. E., Tacke, F., Weiskirchen, R. and Trebicka, J. Recent Advances in Practical Methods for Liver Cell Biology: A Short Overview. *Int J Mol Sci* 2020;21. *co-first
7. Nevezorova, Y.A., Boyer-Diaz, Z., Cubero F.J., Gracia-Sancho J. Animal models for liver disease - A practical approach for translational research. *J Hepatol* 2020;73:423-440



8. Benede-Ubieto R, Estevez-Vazquez O, Ramadori P, Cubero FJ, **Nevezorova YA***. Guidelines and Considerations for Metabolic Tolerance Tests in Mice. *Diabetes Metab Syndr Obes* 2020;13:439- 450 (*Corresponding Author
9. Lamas-Paz A, Hao F, Nelson LJ, Vazquez MT, Canals S, Gomez Del Moral M, Martinez- Naves, E., Nevezorova, Y. A., Cubero, F. J. Alcoholic liver disease: Utility of animal models. *World J Gastroenterol* 2018;24:5063-5075
10. Guo F., Zheng K., Benede-Ubieto R., Cubero F.J., **Nevezorova Y.A.*** *The Lieber-DeCarli Diet-A Flagship Model for Experimental Alcoholic Liver Disease*. *Alcohol Clin Exp Res* **2018**, doi: 10.1111/acer.13840. *Corresponding Author
11. Ramadori, P., Cubero, F.J., Liedtke, C, Trautwein, C, **Nevezorova, Y.A***. *Alcohol and Hepatocellular Carcinoma: adding fuel to the flames*. *Cancers* 2017. *Corresponding Author
12. Zheng, K., Cubero, F.J., **Nevezorova, Y.A***. *c-MYC-making liver sick: role of c-MYC in hepatic cell function, homeostasis and disease*. *Genes (Basel)* 2017, 8(4). *Corresponding Author
13. **Nevezorova, Y.A.***, Tolba R., Trautwein, C., Liedtke C. *Partial hepatectomy in mice*. *Lab Anim.* **2015**; 49:81-8. *Corresponding Author
14. **Nevezorova, Y.A.**, Liedtke, C. *Sh(i)pping signals protect against Stat3-driven liver cancer*. *Hepatology* **2012**; 55:322-4.

Books

1. **Nevezorova, Y.A.**, Ralf Weiskirchen, R., Liedtke, C. Mouse models for hepatic stellate cell activation and liver fibrosis initiation. In: *Methods in Molecular Biology: Hepatic stellate cells: Methods and Protocols*. Editors: Ralf Weiskirchen & Scott L. Friedman. 2023
2. **Nevezorova Y.A.**, y Cubero FJ. Células esterales hepáticas: directores de orquesta de la sinfonía hepática en *Hepatología clínica y trasplante hepático (Vol. I)*. Editor: Dr. Aldo Torre Delgado. Editorial Permanyer 2017: 13-18. ISBN:978-84-9926-997-9.
3. **Nevezorova, Y.A.**, and Trautwein, C. Chapter 11: *Regulation of Cell Cycle during Liver regeneration*. In: *Liver Regeneration: Basic Mechanisms, Relevant Models And Clinical Applications*, Elsevier 2015.
4. **Nevezorova, Y.A.**, and Trautwein, C. Chapter 2: *Liver Regeneration*. SECTION I: Pathophysiology of the Liver. In: *Zakim and Boyer' Hepatology*, 6th Edition 2012.

C.2. Participation in R&D and innovation projects

1. Therapeutic intervention in a novel experimental model of both alcoholic and non-alcoholic steatohepatitis (BASH): targeting the gut-liver axis. 2021-2024 SPONSOR: MINECO- PID2020-117827RB-I00, AMOUNT: 160.000, PI.
2. Tissue regeneration as critical component of gut/liver homeostasis 06/2019- 06/2023 SPONSOR: German Reserch Foundation (CRC 1382), AMOUNT: 374.100, Co-PI (with Christian Liedtke)
3. *Dissecting the activation of liver-generated microglia and neuroinflammation during alcohol misuse*. **2019-2021** SPONSOR: EUROPEAN FOUNDATION FOR ALCOHOL RESEARCH, AMOUNT: 80,000, **Co-PI** (together with Francisco Javier Cubero).
4. *Interdependence of Oxidative stress and inflammation during Chronic Liver Disease: a new theranostic tool*. **2018-2021** SPONSOR: MINECO- SAF2017-87919-R, AMOUNT: 200,000, **PI**.
5. *Prospective EU drug/induced liver injury network*. **2018-2021** SPONSOR: COST ACTION (EU) CA17112, AMOUNT: 130,000, **Secondary proposer**.
6. *Comunicación por exosomas y otras vesículas extracelulares en el fisiología y fisiopatología hepática*. **2017-2021**, SPONSOR: S2017/BMD-3727, AMOUNT: 843,000, **Member of Research team**
7. *Molecular mechanisms driving cell proliferation and cell death in acute and chronic liver disease*. **2017-2022**, SPONSOR: MINECO RYC-2015-17438, AMOUNT: 40,000, **PI** (Tenure Track+ Start-up)



8. *The impact of Cyclin E1 in alcohol-induced organ disease and carcinogenesis within the gut-liver axis.* **2017-2020**, SPONSOR: German Reserch Foundation (DFG), AMOUNT: 263,494, **PI**

9. *TITLE: Treatment of liver fibrosis through inhibition of the cyclin E1/CDK2 kinase complex.* **2017-2020** SPONSOR: German Reserch Foundation (SFB/TRR 57), AMOUNT: 438,400, **Co-PI** (with Christian Liedtke)

10. *Role of E-type cyclins and associated cyclin-dependent kinase 2 for homeostasis and dysbalance of the gut-liver communication.* **2018-2020**, SPONSOR: Interdisciplinary center for clinical Research, AMOUNT: 160,000, **First-PI** (with Christian Liedtke)

11. *Impact of ethanol intake on hepatic cell cycle control and HCC.* **2013-2015**, SPONSOR: Wilhelm-Sander Foundation, AMOUNT: 100,700, **PI**

12. *Cell cycle control in alcoholic liver disease: Impact of c-myc and cyclin E1 for ethanol driven HCC* **2011-2013**. SPONSOR: START-grant, Faculty of Medicine, University RWTH, Aachen, AMOUNT: 80,000, **PI**.

B.3. Participation in R&D and Innovation contracts

1. *Role of cyclins in the development of Alcoholic Liver Disease and its complications.* **2017-2020** SPONSOR: Art.83, Faculty of Medicine, University RWTH, Aachen, AMOUNT: 100,700, **PI**

B.4. Participation in Evaluation Procedures.

- Referee: "Gut", "PLOS One", "Biomedicine & Pharmacotherapy" "The Journal of Pathology", "The FASEB Journal" and "World Journal of Gastroenterology".

B.5. Direction of Master (MSc) and Doctoral Theses (PhD)

2019-2023 PhD Thesis Raquel Benedé Ubieto: "Role of Gut/Liver Axis in BASH induced steatohepatitis" Department of Immunology, Ophthalmology and Otolaryngology, School of Medicine, Complutense University, Madrid, Spain (expected 2025). Beca UCM-Banco Santander (CT63/19).

2017-2023 PhD Thesis, Olga Estévez Vázquez "Interdependence of Oxidative stress and inflammation during Chronic Liver Disease: a new theranostic tool", School of Biology, Complutense University, Madrid, Spain (expected 2024). Beca FPI associated to MINECO. (04.07.2023, CUM LAUDE).

2017-2020: PhD Thesis Feifei Guo "The role of oncogene c-Myc for development and progression of NAFLD in mice", Department of Immunology, Ophthalmology and Otolaryngology, School of Medicine, Complutense University, Madrid, Spain (14.07.2021, CUM LAUDE). Beca Chinese Scholarship Council (CSC)

2017-2021: PhD Thesis Chaobo Chen "Role of c-Jun N-terminal kinases (JNK1/2) in the development of cancer of the biliary tract", Department of Immunology, Ophthalmology and Otolaryngology, School of Medicine, Complutense University, Madrid, Spain (04.02.2021, CUM LAUDE). Beca Wuxi General Hospital.

2016-2017 M.D. Thesis, Fengjie Hao: "The role of the pro-apoptotic protease Caspase-8 for initiation and progression of alcoholic liver disease: Mechanisms and therapeutic options", University Hospital RWTH Aachen, Germany. Predoctoral contract associated to Wilhelm Sander Foundation.

MSc Theses

2020-2021 M.Sc. Thesis (TFM) Marine Dumartin Larrey: "SEX DIFFERENCES IN DUAL DIET INDUCED STEATOHEPATITIS IN MURINE MODELS", M.Sc program "Máster en Investigación en Inmunología de la UCM". Department of Immunology, Ophthalmology



and Otolaryngology, School of Medicine, Complutense University, Madrid, Spain (Director)

2020-2021 M.Sc. Thesis (TFM) Siham Ziani Akirout: "IMPLICACIÓN DEL ESTRÉS DEL RETÍCULO ENDOPLÁSMICO EN EL DESARROLLO HEPÁTICO", M. Sc program "Máster en Investigación en Inmunología de la UCM". Department of Immunology, Ophthalmology and Otolaryngology, School of Medicine, Complutense University, Madrid, Spain (coDirector)

2018-2019 M.Sc. Thesis (TFM) Raquel Benedé Ubieta: "Efectos cumulativos del alcohol y la dieta grasa en el desarrollo de la enfermedad hepática crónica", M.Sc program "Nutrición humana y dietética aplicada" School of Medicine, Complutense University, Madrid, Spain (coDirector)

2015-2016 M.Sc. Thesis, Anna Ostroginskaya: "The incidence and epidemiology of ALD-associated liver cancer in Northern Russia"; Departments of Human Morphology and Physiology, Northern (Arctic) Federal University, Russian Federation (Director)

B.6. Membership in International Committees

- Member of the European and Spanish Associations for the Study of the Liver (EASL and AEEH)

B.7. Most relevant Awards

- Ramon y Cajal Reintegration Grant, Dept. of Immunology, School of Medicine, Universidad Complutense Madrid, Madrid, Spain, 2017-2022
- Awarded with the Habilitation Scholarship for Female Scientists, Faculty of Medicine, RWTH University, 2014-2018
- European Association for the Study of the Liver (EASL), Invited Speaker Bursary, Vienna, Austria, 2015
- European Association for the Study of the Liver (EASL), Invited Speaker Bursary, London, UK; 2014
- European Association for the Study of the Liver (EASL) Young Investigators Bursary (YIB), Amsterdam, The Netherlands, 2013
- European Association for the Study of the Liver (EASL) YIB, Vienna, Austria, 2010
- FALK Foundation, Bonn, Germany, 2010
- European Association for the Study of the Liver (EASL) YIB, Milan, Italy, 2008
- European Association for the Study of the Liver (EASL) YIB, Barcelona, Spain, 2007
- Grant from the German Academic Exchange Program (DAAD) for scientific training in Germany, 2004-2005