MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

CURRICULUM VITAE (maximum 4 pages)

AGENCIA ESTATAL DE INVESTIGACIÓN

CV date	27/05/2020

Part A. PERSONAL INFORMATION

First and Family name	Ana María Matia González	
Researcher codes	WoS Researcher ID *(*)*	N-3371-2019
	SCOPUS Author ID*(*)*	Author ID: 36696759900
	Open Researcher and Contributor ID (ORCID) **	0000-0002-8127-4219

A.1. Current position

Name of University	UNIVERSIDAD DE GRANADA		
Department	DEPARTAMENTO DE BIOLOGÍA CELULAR		
Address and Country	Avda. Fuentenueva s/n. 18071- GRANADA (SPAIN)		
Phone number		E-mail	
Current position	PROFESORA SUSTITUTA INTERINA	From	18/11/2019
Key words	Post-transcriptional regulation, RNA-binding proteins, RNA; cellular stress, metabolism, enzymes, yeast, worms, cell culture		

A.2. Education

PhD	University	Year
Biochemistry, Molecular Biology, Biomedicine and Biotechnology	UNIVERSIDAD AUTÓNOMA DE MADRID	2011

A.3. JCR articles, h Index, thesis supervised…

JCR articles:

- **13** scientific articles**: 3 D1, 8 Q1 and 2 Q2**
- Average impact factor**: 5.308**.
- h Index: **6**
- Total Citations**: 132 (Scopus) 118 (WoS).**

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Documents	1	2	1	1	2	1	2	2	2	0
Citations – Scopus (WoS)		1	4 (3)	8 (6)	4 (2)	18	27 (26)	19 (21)	29 (27)	10 (4)

- Average Citations per item**: 9.6.**
- Average Citations per year**: 11.8.**

Thesis supervised:

- Visiting students: Miss Anne Meiwald (2013) – gap year student, currently graduated in Sciences at the University of Surrey, UK; Miss Mayke Cornelissen (2014-2015) – internship for BTEC level 3 lab technician, currently Analyst B at Gezondheidsdienst voor Dieren (GD), Netherlands; and Miss Polina Reichert (2016) – summer student, currently at Jacobs University, Germany.
- Undergraduate students: Miss Nyasha Faya (2015-2016) and Mr. Michael Fryer (2016-2017) – design, supervision and correction of undergraduate dissertation.
- M.Sc. students: Alejandro Salgado (2010-2011) and Miss. Effrosyni Karakitsou (2015) – design, supervision and correction of Master dissertation.
- Ph.D. students: experimental design and supervision of Miss Camila Oliveira internship at the University of Surrey (2014-2015).

Part C. RELEVANT MERITS

C.1. Publications (including books)

1. Iadevaia V, Wouters M, Kanitz A, Matia-González AM, Laing EE, Gerber AP (**2020**). Profiling cisplatin induced rearrangement of RNA-binding proteins on the *CDKN1B/p27^{Kip1}* 3'UTR identifies modulators of drug sensitivity. **RNA Biology**. doi: 10.1080/15476286.2019. **IF: 5.21**. Citations: 2. **Q1**
2. Sendoel A, Subasic D, Ducoli L, Keller M, Michel E, Kohler I, Zheng X, Brümmer A, Imig J, Kishore S, Kanitz A, Kaech A, Mittal N, Wu Y, Matia-González AM, Gerber AP, Zavolan M, Aebersold R, Hall J, Allain FHT, Hengartner MO (**2019**). MINA-1 and WAGO-4 are part of regulatory network coordinating germ cell death and RNAi in *C. elegans*. **Cell Death & Differentiation**. doi: 10.1038/s41418-019-0291-z. **IF: 8.086**. Citations: 0. **D1**.
3. Iadevaia V*, Matia-González AM*, Gerber AP (**2018**). An Oligonucleotide-based Tandem RNA Isolation Procedure to Recover Eukaryotic mRNA-Protein Complexes. **Journal of Visualized Experiments**. doi: 10.3791/58223. **IF: 1.184**. Citations: 1. **Q2.** *These authors contribute equally
4. Robledo M, Matia-González AM, García-Tomsig NI and Jiménez-Zurdo JI. (**2018**) Identification of small RNA-protein partners in plant symbiotic bacteria. **Bacterial Regulatory RNA: Methods and Protocols**. Ed(s): V. Arluison and C. Valverde. Springer International Publishing, 1737:351-370. Citations: 2
5. King HA, El-Sharif H, Matia-González AM, Iadevaia V, Fowotade A, Reddy S, Gerber AP (**2017**). Generation of Ribosome Imprinted Polymers for Sensitive Detection of Translational Responses. **Scientific Reports**. 7(1):6542. doi: 10.1038/s41598-017-06970-x. **IF: 4.259**. Citations: 4. **Q1**
6. Matia-González AM*, Iadevaia V*, Gerber AP (**2017**). A versatile tandem RNA isolation procedure to capture in vivo formed mRNA-protein complexes. **Methods**. S1046-2023(16):30343-7. **IF: 3.802**. Citations: 12. **Q1.** *These authors contribute equally
7. Subasic D, Stoeger T, Eisenring S, Matia-González AM, Imig J, Xiong L, Gisler P, Eberhard R, Zheng X. Gerber AP, Pelkmans L and Hengartner MO (**2016**). Post-transcriptional control of executioner caspases by RNA-binding proteins. **Genes & Development**. 30(19):2213-2225. **IF: 9.413**. Citations: 5. **D1**
8. Matia-González AM, Laing EE, Gerber AP (**2015**). Conserved mRNA-binding proteomes in eukaryotic organisms. **Nature Structural and Molecular Biology**. 22(12):1027-33. doi: 10.1038/nsmb.3128. **IF: 13.338**. Citations: 55. Recommended in F1000 Prime on 20th October 2015 by Sean Ryder. Article in the top 5% of all research outputs scored by Altmetric. **D1**
9. Martín-Oliva D, Martín-Guerrero SM, Matia-González AM, Ferrer-Martín RM, Martín-Estebané M, *et al* (**2015**). DNA damage, poly(ADP-ribose) polymerase activation, and phosphorylated histone h2ax expression during postnatal retina development in c57bl/6 mouse. **Invest Ophthalmol Vis Sci**. 56(2):1301-9. IF: 3.427. # Citations: 6. **Q1**
10. Matia González AM & Gerber AP. (**2014**) Approaches for dissecting RNA-binding protein networks. **Fungal RNA Biology**. Ed(s): A. Sesma and T. von der Haar. Springer International Publishing. Chapter 14, pp. 347-370. Citations: 4
11. Matia-González AM, Hasan A, Moe GH, Mata J & Rodríguez-Gabriel MA. (**2013**). Functional characterization of Upf1 targets in *Schizosaccharomyces pombe*. **RNA Biology** 10(6):1057-65. **IF: 5.377**. Citations: 10. **Q1**
12. Salgado A, López-Serrano Oliver A, Matia-González AM, Sotelo J, Muñoz-Olivas R, Cámara C & Rodríguez-Gabriel MA. (**2012**). Response to Arsenate treatment in *Schizosaccharomyces pombe* and the role of its Arsenate reductase activity. **PLoS ONE** 7(8):e43208. **IF: 3.730**. Citations: 4. Recommended in F1000 Prime on 31st October 2012 by Christopher McInerny. **Q1**
13. Matia-González AM, Sotelo J & Rodríguez-Gabriel MA (**2012**). The RNA binding protein Csx1 promotes sexual differentiation in *Schizosaccharomyces pombe*. **PLoS ONE** 7(1):e30067. **IF: 3.730**. Citations: 3. **Q1**
14. Matia-González AM, Rodríguez-Gabriel MA (**2011**). Slt2 MAPK pathway is essential for cell integrity in the presence of arsenate. **Yeast** 28(1):9-17. **IF: 1.895**. Citations: 10. **Q2**

C.2. Research projects and grants

1. Functional analysis of stress-dependent RNA-enzyme interactions. British Biotechnology and Biological Sciences Research Council (BBSRC). 01/11/2018 – 31/12/2021. PI: Andre P. Gerber. Reference: BB/S017747/1. Budget: £491,000.

2. Collaborator (named PDRA) in the BBSRC funded grant: 'Enemy at the gate: a novel mechanism of paracrine stress granule induction by viruses'. 01/01/2017 – 31/12/2019. PI: Nicolas Locker. Reference: BB/P018068/1. Budget: £399,535.
3. A ubiquitous system for disrupting how Western blot imaging and data processing is carried for clinical analysis. Horizon 2020, call H2020-INNOSUP-2016-2017. 01/09/2017 – 31/08/2018. PI: Luis Tramón Noheda. Reference: 739777.
4. Elucidating the Role of Glycolytic Enzymes in Posttranscriptional Gene Regulation. British Biotechnology and Biological Sciences Research Council (BBSRC). 01/04/2016 - 31/12/2019. PI: Andre P. Gerber. Reference: BB/N008820/1. Budget: £404,219.
5. Developing tools to investigate combinatorial control of mRNA metabolism. British Biotechnology and Biological Sciences Research Council (BBSRC). 01/10/2013 - 28/02/2017. PI: Andre P. Gerber, Nicolas Locker, Emma E. Laing. Reference: BB/K009303/1. Budget: £324,782.
6. Post-transcriptional regulation of germ cell apoptosis in *C. elegans*. Swiss National Science Foundation (SNSF). 01/11/2012 - 30/10/2015. PI: Fred Allain, Jonathan Hall, Mihaela Zavolan, Michael Hengartner; Andre P. Gerber. Reference: 141942. Budget: 1,853,190.00 CHF.
7. Especificidad de señalización en células eucariotas: MAP quinasas y proteínas de unión a RNA en *Schizosaccharomyces pombe*. Spanish Ministry of Science and Technology. 01/01/2010 - 31/12/2013. PI: Miguel Ángel Rodríguez Gabriel. Reference: BFU2009-09116. Budget: 133,100 €.
8. Especificidad de señalización en *Schizosaccharomyces pombe*: MAP quinasas y proteínas de unión a RNA. Spanish Ministry of Science and Technology. 01/09/2007 - 31/12/2009. PI: Miguel Ángel Rodríguez Gabriel. Reference: BFU2006-01767. Budget: 100,000 €.
9. MAPK pathway regulation in fission yeast: MARKK and more. 6th EU Framework Programme for Research and Technological Development. 01/01/2006 - 31/12/2007. PI: Miguel Ángel Rodríguez Gabriel. Reference: MIRG-CT-2005-29148. Budget: 80,000 €.

C.3. Contracts

1. Profesora Sustituta Interina. Departamento Biología Celular – Universidad de Granada (Granada).
2. Senior Reserarcher at Vitro S.A (Granada). 23/10/2017 – 22/10/2019. PI: Asunción Olmo Sevilla.
3. Innovation Research Associate at Aratech (Madrid) funded by the H2020-INNOSUP-2016-2017programme – Proposal number: 739777. 01/09/2017 – 22/10/2017. PI: Luis Tramón Noheda
4. Postdoctoral Research Fellow, FHMS, University of Surrey, Guildford (UK). PI: Prof. A. P. Gerber. 03/01/2013 – 28/02/2017.

C.5. Contributions to Research Conferences

- 12 oral presentations, 11 international conferences, 1 national.
- 12 poster presentations, all international conferences.

C.6. Organisation of Research conferences

- Translation UK, held in Guildford (UK) on 5th-6th July 2016.
- Workshop 'RNA biology meets sleep and circadian rhythms' Guildford (UK) on 26th-27th June 2014.

C.7. International Research Internships

- Postdoctoral internship (2 weeks) at Prof. Michael Hengartner Lab, Institute of Molecular Life Sciences, University of Zurich (Switzerland). (September 2017)
- Ph.D. internship (6 months) at Prof. Lynne E. Maquat Lab, Department of Biochemistry and Biophysics. University of Rochester (USA). (March – August 2010)
- Ph.D. internship (4 months) at Prof. Jürg Bähler Lab, Department of Genetics, Evolution and Environment and UCL Cancer Institute. University College of London. London (UK). (June-October 2009)
- Ph.D. internship (1 month) at Dr. Juan Mata Lab, Department of Biochemistry, University of Cambridge. Cambridge (UK). (March 2009)
- Ph.D. internship (3 months) at Dr. Juan Mata Lab, Department of Biochemistry, University of Cambridge. Cambridge (UK). (September – December 2008)

C.8. Participation in Industrial Innovation

- Senior Scientist at Vitro S.A, designing molecular diagnostic kits. PI of the Respiratory Flow Chip Kit.
- Innovative Research Associate of the project: 'A ubiquitous system for disrupting how Western blot imaging and data processing is carried for clinical analysis'. Project funded by the Horizon 2020, within the **call H2020-INNOSUP-2016-2017**. Reference: 739777.

C.9. Additional Scientific Activities

- Member of the Spanish Society of Biochemistry and Molecular Biology (SEBBM).
- Member of the Federation of European Biochemical Societies (FEBS).
- Peer-review activity: reviewer of articles in scientific journals including Nature Communications, Nature Methods, Molecular Cell, Methods, etc…
- Panel member for different PhD Thesis defence.
- Part of the expert panel of the European Commission: EX2017D302423.