

# Elena Giné Domínguez

<https://orcid.org/0000-0001-6305-6237>

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## Other IDs

ResearcherID: I-3205-2012 (<http://www.researcherid.com/rid/I-3205-2012>)

Loop profile: 469812 ([http://loop.frontiersin.org/people/469812/overview?referrer=orcid\\_profile](http://loop.frontiersin.org/people/469812/overview?referrer=orcid_profile))

Scopus Author ID: 6701325682 ([http://www.scopus.com/inward/authorDetails.url?](http://www.scopus.com/inward/authorDetails.url?authorID=6701325682&partnerID=MN8TOARS)

[authorID=6701325682&partnerID=MN8TOARS](http://www.scopus.com/inward/authorDetails.url?authorID=6701325682&partnerID=MN8TOARS))

## Employment (1)

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**Universidad Complutense de Madrid: Madrid,  
Comunidad de Madrid, ES**

| Profesor Titular (Biología Celular)

Employment

**Source:**Elena Giné Domínguez

## Education and qualifications (1)

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**Universidad Complutense de Madrid: Madrid,  
Comunidad de Madrid, ES**

| Doctor Biological Science

Education

**Source:**Elena Giné Domínguez

## Works (48 of 48)

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**Dissecting operant alcohol self-administration using  
saccharin-fading procedure**

*Neuropsychopharmacology Reports*

2023-02-02 | journal-article

DOI: 10.1002/npr2.12289

Part of ISSN: 2574-173X

Part of ISSN: 2574-173X

**Source:**Elena Giné Domínguez

**C/EBP $\beta$  Regulates TFAM Expression, Mitochondrial  
Function and Autophagy in Cellular Models of  
Parkinson's Disease**

*International Journal of Molecular Sciences*

2023-01-11 | journal-article

DOI: 10.3390/ijms24021459

Part of ISSN: 1422-0067

**Source:**Elena Giné Domínguez

**Gut microbiota and voluntary alcohol consumption***Translational Psychiatry*

2022-12 | journal-article

DOI: 10.1038/s41398-022-01920-2

Part of ISSN: 2158-3188

Source: Elena Giné Domínguez

**Classic psychedelics and alcohol use disorders: A systematic review of human and animal studies***Addiction Biology*

2022-11-01 | journal-article

DOI: 10.1111/adb.13229

Part of ISSN: 1355-6215

Part of ISSN: 1369-1600

Source: Elena Giné Domínguez

**Seroprevalence of anti-SARS-CoV-2 IgG antibodies: relationship with COVID-19 diagnosis, symptoms, smoking, and method of transmission***IJID Regions*

2022-09 | journal-article

DOI: 10.1016/j.ijregi.2022.05.007

Part of ISSN: 2772-7076

Source: Elena Giné Domínguez

**The Immune System through the Lens of Alcohol Intake and Gut Microbiota***International Journal of Molecular Sciences*

2021-07-13 | journal-article

DOI: 10.3390/ijms22147485

Part of ISSN: 1422-0067

Source: Elena Giné Domínguez

**Women Neuroscientist Disciples of Pío del Río-Hortega: the Cajal School Spreads in Europe and South America***Frontiers in Neuroanatomy*

2021-05-10 | journal-article

DOI: 10.3389/fnana.2021.666938

Part of ISSN: 1662-5129

Source: Elena Giné Domínguez

**Alcohol mixed with energy drinks: what about taurine?***Psychopharmacology*

2020-11-11 | journal-article

DOI: 10.1007/s00213-020-05705-7

*Part of ISSN:* 0033-3158*Part of ISSN:* 1432-2072**Source:**Elena Giné Domínguez**Inhibition of Receptor Protein Tyrosine Phosphatase  $\beta/\zeta$   
Reduces Alcohol Intake in Rats***Alcoholism: Clinical and Experimental Research*

2020-05 | journal-article

DOI: 10.1111/acer.14321

*Part of ISSN:* 0145-6008*Part of ISSN:* 1530-0277**Source:**Elena Giné Domínguez**The Women Neuroscientists in the Cajal School***Frontiers in Neuroanatomy*

2019-07-16 | journal-article

DOI: 10.3389/fnana.2019.00072

*Part of ISSN:* 1662-5129**Source:**Elena Giné Domínguez**Adult-onset hypothyroidism increases ethanol  
consumption***Psychopharmacology*

2019-04 | journal-article

DOI: 10.1007/s00213-018-5123-1

*Part of ISSN:* 0033-3158*Part of ISSN:* 1432-2072**Source:**Elena Giné Domínguez**Long-Term Effects of Intermittent Adolescent Alcohol  
Exposure in Male and Female Rats***Frontiers in Behavioral Neuroscience*

2017-11-28 | journal-article

DOI: 10.3389/fnbeh.2017.00233

*Part of ISSN:* 1662-5153**Source:**Elena Giné Domínguez

**CCAAT/Enhancer binding protein  $\beta$  silencing mitigates glial activation and neurodegeneration in a rat model of Parkinson's disease.**

*Scientific reports*

2017-10 | journal-article

PMID: 29051532

PMC: PMC5648790

DOI: 10.1038/s41598-017-13269-4

**Source:**Elena Giné Dominguez via Europe PubMed Central

**Red Bull® energy drink increases consumption of higher concentrations of alcohol.**

*Addiction biology*

2017-09 | journal-article

PMID: 28940880

DOI: 10.1111/adb.12560

**Source:**Elena Giné Dominguez via Europe PubMed Central

**The CB1 receptor is required for the establishment of the hyperlocomotor phenotype in developmentally-induced hypothyroidism in mice.**

2017-04 | journal-article

PMID: 28017790

DOI: 10.1016/j.neuropharm.2016.12.018

**Source:**Elena Giné Dominguez via Europe PubMed Central

**Complement component 3 (C3) expression in the hippocampus after excitotoxic injury: role of C/EBP $\beta$ .**

2016-10 | journal-article

PMID: 27769255

PMC: PMC5073972

**Source:**Elena Giné Dominguez via Europe PubMed Central

**Nalmefene is effective at reducing alcohol seeking, treating alcohol-cocaine interactions and reducing alcohol-induced histone deacetylases gene expression in blood.**

2016-08 | journal-article

PMID: 27238566

DOI: 10.1111/bph.13526

**Source:**Elena Giné Dominguez via Europe PubMed Central

**Effects of Adolescent Intermittent Alcohol Exposure on the Expression of Endocannabinoid Signaling-Related Proteins in the Spleen of Young Adult Rats.**

2016 | journal-article

PMID: 27662369

PMC: PMC5035052

DOI: 10.1371/journal.pone.0163752

Source: Elena Giné Domínguez via Europe PubMed Central

**CCAAT/enhancer binding protein  $\beta$  directly regulates the expression of the complement component 3 gene in neural cells: implications for the pro-inflammatory effects of this transcription factor**

*J Neuroinflammation*

2015 | journal-article

DOI: 10.1186/s12974-014-0223-2

Source: Elena Giné Domínguez via ResearcherID

**Common single nucleotide variants underlying drug addiction: more than a decade of research**

*Addict Biol*

2015 | journal-article

DOI: 10.1111/adb.12204

Source: Elena Giné Domínguez via ResearcherID

**EFFECTS OF ALCOHOL BINGES ON HISTONE DEACETYLASES GENE EXPRESSION IN RATS AND HUMANS**

*Alcohol and Alcoholism*

2015 | journal-article

WOSUID: WOS:000361525900205

Source: Elena Giné Domínguez via ResearcherID

**Histone Deacetylase Gene Expression Following Binge Alcohol Consumption in Rats and Humans**

*Alcoholism-Clinical and Experimental Research*

2015 | journal-article

DOI: 10.1111/acer.12850

WOSUID: WOS:000362420100009

Source: Elena Giné Domínguez via ResearcherID

**NALMEFENE IS EFFECTIVE REDUCING OPERANT ALCOHOL SELF-ADMINISTRATION EVEN WHEN THERE IS A CO-ADMINISTRATION OF COCAINE**

*Alcohol and Alcoholism*

2015 | journal-article

WOSUID: WOS:000361525900251

Source: Elena Giné Domínguez via ResearcherID

**Consequences of early life stress on the expression of endocannabinoid-related genes in the rat brain**

*Behav Pharmacol*

2014 | journal-article

DOI: 10.1097/FBP.0000000000000068

Source: Elena Giné Domínguez via ResearcherID

**Effects of topiramate on ethanol-cocaine interactions and DNA methyltransferase gene expression in the rat prefrontal cortex.**

*British journal of pharmacology*

2014 | journal-article

DOI: 10.1111/bph.12636

WOSUID: MEDLINE:24527678

Source: Elena Giné Domínguez via ResearcherID

**Risky alcohol consumption in young people is associated with the fatty acid amide hydrolase gene polymorphism C385A and affective rating of drug pictures**

*Molecular Genetics and Genomics*

2014 | journal-article

DOI: 10.1007/s00438-013-0809-x

WOSUID: WOS:000336728600003

Source: Elena Giné Domínguez via ResearcherID

**A spontaneous deletion of alpha-Synuclein is associated with an increase in CB1 mRNA transcript and receptor expression in the hippocampus and amygdala: Effects on alcohol consumption.**

*Synapse (New York, N.Y.)*

2013 | journal-article

DOI: 10.1002/syn.21639

WOSUID: MEDLINE:23345080

Source: Elena Giné Domínguez via ResearcherID

**Developmentally-induced hypothyroidism alters the expression of Egr-1 and Arc genes and the sensitivity to cannabinoid agonists in the hippocampus. Possible implications for memory and learning.**

*Molecular and cellular endocrinology*

2013 | journal-article

DOI: 10.1016/j.mce.2012.10.004

WOSUID: MEDLINE:23079472

**Source:**Elena Giné DomínguezviaResearcherID

**Differential effects of environmental enrichment and isolation housing on the hormonal and neurochemical responses to stress in the prefrontal cortex of the adult rat: relationship to working and emotional memories.**

*Journal of neural transmission (Vienna, Austria : 1996)*

2013 | journal-article

DOI: 10.1007/s00702-012-0935-3

WOSUID: MEDLINE:23254925

**Source:**Elena Giné DomínguezviaResearcherID

**Aging impairs the control of prefrontal cortex on the release of corticosterone in response to stress and on memory consolidation**

*Neurobiology of Aging*

2012 | journal-article

DOI: 10.1016/j.neurobiolaging.2011.06.011

WOSUID: WOS:000301506800026

**Source:**Elena Giné DomínguezviaResearcherID

**Cocaine reverses the naltrexone-induced reduction in operant ethanol self-administration: The effects on immediate-early gene expression in the rat prefrontal cortex**

*Neuropharmacology*

2012 | journal-article

DOI: 10.1016/j.neuropharm.2012.06.010

WOSUID: WOS:000309438600001

**Source:**Elena Giné DomínguezviaResearcherID

**INCREASED HIPPOCAMPAL RESPONSE TO  
CANNABINOID AGONIST AND SPATIAL MEMORY  
IMPAIRMENT IN DEVELOPMENTAL HYPOTHYROID  
RATS**

*Behavioural Pharmacology*

2011 | journal-article

WOSUID: WOS:000300365200123

**Source:**Elena Giné Domínguez via ResearcherID

**Multiple organ inflammatory response to portosystemic  
shunt in the rat**

*Cytokine*

2011 | journal-article

DOI: 10.1016/j.cyto.2011.08.033

WOSUID: WOS:000298122700022

**Source:**Elena Giné Domínguez via ResearcherID

**Developmental Hypothyroidism Increases the  
Expression of Kainate Receptors in the Hippocampus  
and the Sensitivity to Kainic Acid-Induced Seizures in  
the Rat**

*Endocrinology*

2010 | journal-article

DOI: 10.1210/en.2010-0070

WOSUID: WOS:000279049300030

**Source:**Elena Giné Domínguez via ResearcherID

**Antiapoptotic Effect of Tacrolimus on Cytokine-  
Challenged Human Islets**

*Cell Transplantation*

2009 | journal-article

DOI: 10.3727/096368909X12483162197240

WOSUID: WOS:000273434500015

**Source:**Elena Giné Domínguez via ResearcherID

**CANNABINOID-INDUCED INCREASE IN RELAPSE-LIKE  
DRINKING IS PREVENTED BY THE BLOCKADE OF THE  
GLYCINE-BINDING SITE OF N-METHYL-D-ASPARTATE  
RECEPTORS**

*Neuroscience*

2009 | journal-article

DOI: 10.1016/j.neuroscience.2008.10.002

WOSUID: WOS:000262959900010

**Source:**Elena Giné Domínguez via ResearcherID

**Hypothyroidism Decreases the Biogenesis in Free Mitochondria and Neuronal Oxygen Consumption in the Cerebral Cortex of Developing Rats**

*Endocrinology*

2009 | journal-article

DOI: 10.1210/en.2008-1755

WOSUID: WOS:000268158400063

**Source:**Elena Giné Domínguez via ResearcherID

**An osmotic-sensitive taurine pool is localized in rat pancreatic islet cells containing glucagon and somatostatin**

*American Journal of Physiology-Endocrinology and Metabolism*

2001 | journal-article

WOSUID: WOS:000172047700022

**Source:**Elena Giné Domínguez via ResearcherID

**Does biphasic insulin secretion require Krebs-cycle anaplerosis?**

*Diabetologia*

1999 | journal-article

WOSUID: WOS:000081937600464

**Source:**Elena Giné Domínguez via ResearcherID

**Lactate production in pancreatic islets**

*Diabetes*

1998 | journal-article

DOI: 10.2337/diabetes.47.8.1219

WOSUID: WOS:000075177400007

**Source:**Elena Giné Domínguez via ResearcherID

**Taurine levels and localization in pancreatic islets**

*Taurine 3*

1998 | journal-article

WOSUID: WOS:000074919100008

**Source:**Elena Giné Domínguez via ResearcherID

**Stimulation of islet protein kinase C translocation by palmitate requires metabolism of the fatty acid**

*Diabetes*

1997 | journal-article

DOI: 10.2337/diabetes.46.7.1153

WOSUID: WOS:A1997XF83200009

**Source:**Elena Giné Domínguez via ResearcherID

**Islet glycolysis ensures an efficient coupling of pyruvate oxidation to oxidative phosphorylation***Diabetologia*

1996 | journal-article

WOSUID: WOS:A1996VA49300136

**Source:**Elena Giné Domínguez via ResearcherID**THE STIMULATION OF INSULIN-SECRETION BY D-GLYCERALDEHYDE CORRELATES WITH ITS RATE OF OXIDATION IN ISLET CELLS***Biochemical Journal*

1995 | journal-article

WOSUID: WOS:A1995RN73300030

**Source:**Elena Giné Domínguez via ResearcherID**IS THE STIMULATION OF ISLET INSULIN-SECRETION BY D-GLYCERALDEHYDE DUE TO ITS METABOLISM***Diabetologia*

1994 | journal-article

WOSUID: WOS:A1994PB88100039

**Source:**Elena Giné Domínguez via ResearcherID**LOW LACTATE-DEHYDROGENASE AND HIGH MITOCHONDRIAL GLYCEROL PHOSPHATE DEHYDROGENASE IN PANCREATIC BETA-CELLS - POTENTIAL ROLE IN NUTRIENT SENSING***Journal of Biological Chemistry*

1994 | journal-article

WOSUID: WOS:A1994MX57100033

**Source:**Elena Giné Domínguez via ResearcherID**DO ISLET GLUCOSE-UTILIZATION RATES MAINLY REFLECT CHANGES OF GLYCOLYSIS***Diabetologia*

1993 | journal-article

WOSUID: WOS:A1993LZ27400389

**Source:**Elena Giné Domínguez via ResearcherID**LACTATE PRODUCTION BY ISLETS OF RATS AND OB/OB-MICE MEASURED WITH A NEW METHOD***Diabetologia*

1992 | journal-article

WOSUID: WOS:A1992JJ55500480

**Source:**Elena Giné Domínguez via ResearcherID*Record last modified Oct 8, 2025, 9:26:47 AM*