



Sonia Tarazona Campos

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Date of document: 26/05/2021

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Sonia Tarazona Campos

Surname(s): **Tarazona Campos**
 Name: **Sonia**
 DNI: **20815653D**
 Date of birth: **02/07/1974**
 Gender: **Female**
 Land line phone: **(034) 963877000 - 77497**
 Email: **sotacam@eio.upv.es**

Current professional situation

Employing entity: UNIVERSITAT POLITÈCNICA DE VALÈNCIA **Type of entity:** University
Department: D. Estadística e Invest. Oper. Aplic. y Cali, E.T.S.I. Informática
Professional category: Profesor/a Titular de Universidad **Educational Management (Yes/No):** Yes
Email: sotacam@eio.upv.es
Start date: 04/12/2020
Type of contract: Civil servant **Dedication regime:** Full time

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat Politècnica de València	Profesor/a Titular de Universidad	04/12/2020
2	Universitat Politècnica de València	Profesor/a Ayudante Doctor	07/01/2019
3	Universitat Oberta de Catalunya	Profesora colaboradora del Máster de Bioinformática y Bioestadística	21/02/2018
4	Universitat Politècnica de València	Profesor/a Asociado/a (ASO/1)	01/09/2016
5	Centro de Investigación Príncipe Felipe	Investigación en Biomedicina	06/04/2009
6	Universitat Politècnica de València	Profesor/a Asociado/a (ASO/1)	07/10/2005
7	JECAMA S.L.	Investigación para el desarrollo empresarial	01/10/2003
8	MAPFRE FINISTERRE CIA SEGUROS y REASEGUROS SA	Compañía de Seguros. Diseño y análisis de encuestas de satisfacción de los asegurados.	03/05/2000
9	SIPFE S.L. (Grupo Finisterre)	Servicios de Investigación Para el Fomento Empresarial	04/05/1998
10	FORD ESPAÑA S.A.	Becaria en prácticas	02/03/1998

1 **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Titular de Universidad
Start date: 04/12/2020



- 2** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Ayudante Doctor
Start date: 07/01/2019 **Duration:** 1 year - 10 months - 27 days
- 3** **Employing entity:** Universitat Oberta de Catalunya
Professional category: Profesora colaboradora del Máster de Bionformática y Bioestadística
Start date: 21/02/2018
- 4** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Asociado/a (ASO/1)
Start date: 01/09/2016 **Duration:** 2 years - 4 months - 5 days
- 5** **Employing entity:** Centro de Investigación Príncipe Felipe
Professional category: Investigación en Biomedicina
Start date: 06/04/2009
- 6** **Employing entity:** Universitat Politècnica de València
Professional category: Profesor/a Asociado/a (ASO/1)
Start date: 07/10/2005 **Duration:** 10 years - 10 months - 24 days
- 7** **Employing entity:** JECAMA S.L.
Professional category: Investigación para el desarrollo empresarial
Start date: 01/10/2003 **Duration:** 4 years
- 8** **Employing entity:** MAPFRE FINISTERRE CIA SEGUROS y REASEGUROS SA
Professional category: Compañía de Seguros. Diseño y análisis de encuestas de satisfacción de los asegurados.
Start date: 03/05/2000 **Duration:** 3 years - 4 months - 27 days
- 9** **Employing entity:** SIPFE S.L. (Grupo Finisterre)
Professional category: Servicios de Investigación Para el Fomento Empresarial
Start date: 04/05/1998 **Duration:** 1 year - 11 months - 26 days
- 10** **Employing entity:** FORD ESPAÑA S.A.
Professional category: Becaria en prácticas
Start date: 02/03/1998 **Duration:** 1 month - 28 days



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1** **University degree:** Ciencias y Técnicas Estadísticas
Name of qualification: Ciencias y Técnicas Estadísticas
City degree awarding entity: Spain
Degree awarding entity: UNIVERSITAT DE VALENCIA **Type of entity:** University
Date of qualification: 20/09/2001
- 2** **University degree:** Matemáticas
Name of qualification: Matemáticas
City degree awarding entity: Spain
Degree awarding entity: UNIVERSITAT DE VALENCIA **Type of entity:** University
Date of qualification: 25/07/1997

Doctorates

Doctorate programme: Estadística y Optimización
Degree awarding entity: UNIVERSITAT POLITÈCNICA DE VALÈNCIA **Type of entity:** University
City degree awarding entity: Spain
Date of degree: 19/12/2014
Thesis title: Statistical methods for transcriptomics: From microarrays to RNA-seq
Obtained qualification: Sobresaliente Cum Laude

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	A1	A2	A1	A1	A1
English	B2	B2	B2	B2	B2
Catalan	C2	C2	C2	C2	C2



Teaching experience

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Estudio metabólico en ratas con hiperamonemia crónica. Implicaciones en encefalopatía hepática mínima
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , RODRIGUEZ HERNANDEZ, ZULEMA
Obtained qualification: 10.0
Date of reading: 26/03/2021
- 2** **Project title:** Análisis de las comorbilidades en una población de pacientes con diabetes mellitus
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , ESCUDERO GONZALEZ, JUAN PABLO
Obtained qualification: 9.0
Date of reading: 25/09/2019
- 3** **Project title:** Papel de las enzimas modificadoras de la cromatina y la acetilación de histonas en la regulación del ciclo metabólico de la levadura
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , ONOFRIYCHUK, ANASTASIYA
Obtained qualification: 10.0
Date of reading: 24/07/2019
- 4** **Project title:** Análisis del estado de la cromatina en el ciclo metabólico de la levadura y su integración estadística con el metabolismo y la expresión génica
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , VILLACAMPA FERNANDEZ, MARINA
Obtained qualification: 10.0
Date of reading: 23/07/2019
- 5** **Project title:** Análisis de encuestas sobre eventos deportivos para deportistas con discapacidad
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , ATIENZA SANCHEZ, JAVIER
Obtained qualification: 8.5
Date of reading: 28/06/2019
- 6** **Project title:** Integrative Pipeline for Metabolomic, Transcriptomic and CHIP-Seq Data in YMC
Type of project: Minor thesis
Entity: Universitat Oberta de Catalunya
Student: ,
Obtained qualification: 8.0
Date of reading: 18/01/2019



- 7** **Project title:** Modelos estadísticos para el análisis integrativo de experimentos multi-ómicos
Type of project: Minor thesis
Entity: Universitat Politècnica de València
Student: , TOMAS RIQUELME, BLANCA
Obtained qualification: 9.5
Date of reading: 27/09/2018
- 8** **Project title:** Integración de datos ómicos para el estudio de los efectos de la hiperamonemia
Type of project: Minor thesis
Entity: Universitat de València
Student: ,
Obtained qualification: 9.5
Date of reading: 23/07/2018
- 9** **Project title:** Elucidating the regulation of the Yeast Metabolic Cycle through the integration of gene expression and chromatin status
Type of project: Minor thesis
Entity: Universitat Oberta de Catalunya
Student: ,
Obtained qualification: 10.0
Date of reading: 25/06/2018
- 10** **Project title:** Estudio del efecto de la exposición a pesticidas en el neurodesarrollo mediante la integración de datos ómicos
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , SANCHEZ GAYA, VICTOR
Obtained qualification: 10.0
Date of reading: 26/06/2017
- 11** **Project title:** Influencia del paisaje sobre el control biológico de plagas en el cultivo de cítricos del municipio de Altea (València)
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , BERTOMEU CUCART, SALVADOR
Obtained qualification: 10.0
Date of reading: 07/04/2017
- 12** **Project title:** Integración de datos multi-ómicos para describir la relación entre la exposición a pesticidas durante la infancia y el neurodesarrollo perjudicado
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , BERNABEU GOMEZ, ELENA
Obtained qualification: 10.0
Date of reading: 08/07/2016
- 13** **Project title:** Implementación de herramientas para el análisis de datos multi-ómicos en una librería de R
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , MARTINEZ MIRA, CARLOS



Obtained qualification: 10.0
Date of reading: 09/09/2015

- 14** **Project title:** Análisis de la expresión alternativa de isoformas en el tiempo mediante datos de RNA-seq
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , MARTORELL MARUGAN, JORDI
Obtained qualification: 9.5
Date of reading: 17/07/2015
- 15** **Project title:** EFECTOS DEL SAE 2010 SOBRE CUATRO ARTRÓPODOS DE INTERÉS AGRÍCOLA: Amblyseius swirskii (Acari: Phytoseiidae), Bombus terrestris (Hymenoptera: Apidae), Nesidiocoris tenuis (Heteroptera: Miridae) Y Orius laevigatus (Heteroptera: Anthocoridae)
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , CORTES DOMARCO, VICTOR NICOLAS
Obtained qualification: 9.0
Date of reading: 22/12/2010
- 16** **Project title:** ESTUDIO DEL PROCESO DE ENVASADO DE CHAMPIÑÓN DE UNA INDUSTRIA CONSERVERA Y PROPUESTAS DE MEJORA A PARTIR DEL ESTABLECIMIENTO DEL CONTROL ESTADÍSTICO DE CALIDAD.
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , GARRIDO LEDESMA, CARLOS ENRIQUE
Obtained qualification: 8.0
Date of reading: 26/03/2010
- 17** **Project title:** PREDICCIÓN DE FUNCIÓN EN SECUENCIAS NÓVELES DE CÍTRICOS A PARTIR DEL ANÁLISIS DE EXPRESIÓN GÉNICA
Type of project: End of course project
Entity: Universitat Politècnica de València
Student: , DIESTRO TAMARIT, MARTA
Obtained qualification: 10.0
Date of reading: 08/09/2008

Educational or pedagogical publications, books, articles, etc.

David Gómez Cabrero; Francesco Marabita; Sonia Tarazona Campos; Isaac Cano; Josep Roca; Ana Conesa Cegarra; Philippe Sabatier; Jesper Tegner. Guidelines for Developing Successful Short Advanced Courses in Systems Medicine and Systems Biology. Cell Systems. 5, pp. 168 - 175. 2017. ISSN 2405-4712. DOI: 10.1016/j.cels.2017.05.013
Format: Article(s)



Participation in conferences with talks focused on teacher training

Name of the event: I Jornadas Virtuales en Didáctica de la Estadística, Probabilidad y Combinatoria

City of event: Virtual,

Date of presentation: 07/04/2012

Enseñanza no presencial de la estadística a través del uso de herramientas web. pp. 34 - 34. Grupo de Investigación en Didáctica de la Estadística, Probabilidad y Combinatoria de la Sociedad Es,

Scientific and technological experience

Research and development groups/teams

Name of the group: Grupo de Ingeniería Estadística Multivariante GIEM - Dpto. De Estadística E Investigación Operativa Aplicadas Y Calidad

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

1 Name of the project: AYUDA PREDOCTORAL GVA-SALGUERO GARCIA. PROYECTO: DESARROLLO DE UNA APLICACION WEB PARA FACILITAR EL ANALISIS DE DATOS MULTIOMICOS EN LA MEDICINA PERSONALIZADA. (ACIF/2019/081)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI...): Sonia Tarazona Campos

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Start date: 01/01/2021

Duration: 1 year - 8 months

Total amount: 36.988 €

2 Name of the project: AYUDA PREDOCTORAL GVA-PARDO PALACIOS. PROYECTO: DESARROLLO DE METODOS BIOINFORMATICOS Y EXPERIMENTALES PARA EL ESTUDIO DEL IMPACTO FUNCIONAL DE LAS ISOFORMAS ALTERNATIVAS (ACIF/2018/290)

Degree of contribution: Researcher

Entity where project took place: Universitat Politècnica de València

Name principal investigator (PI, Co-PI...): Sonia Tarazona Campos

Nº of researchers: 2

Funding entity or bodies:

GENERALITAT VALENCIANA

Start date: 01/01/2020

Duration: 1 year - 8 months

Total amount: 36.988 €



- 3** **Name of the project:** Estimación de nivel riesgo cardiovascular en obesidad infantil mediante un modelo estadístico (ADOBES)
Degree of contribution: Researcher
Entity where project took place: Fisabio
Name principal investigator (PI, Co-PI....): Sonia Tarazona Campos
Nº of researchers: 2
Funding entity or bodies:
UPV-Fisabio
Start date: 01/01/2020 **Duration:** 11 months - 30 days
- 4** **Name of the project:** DETECCION DE UNA FIRMA MIRNAS COMO BIOMARCADORES PREDICTIVOS DE DAÑO ISQUEMICO CARDIACO. (UPV-FE-AP10)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Sonia Tarazona Campos
Nº of researchers: 1
Funding entity or bodies:
UNIVERSIDAD POLITECNICA DE VALENCIA
Start date: 01/12/2019 **Duration:** 1 year - 3 months
Total amount: 400 €
- 5** **Name of the project:** AYUDA PREDOCTORAL GVA-SALGUERO GARCIA. PROYECTO: DESARROLLO DE UNA APLICACION WEB PARA FACILITAR EL ANALISIS DE DATOS MULTIOMICOS EN LA MEDICINA PERSONALIZADA. (ACIF/2019/081)
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Vicent Giner Bosch
Nº of researchers: 3
Funding entity or bodies:
GENERALITAT VALENCIANA
Start date: 01/09/2019 **Duration:** 3 years
Total amount: 66.578,4 €
- 6** **Name of the project:** AYUDAS PARA CONTRATOS PREDOCTORALES PARA LA FORMACION DE DOCTORES-ARZALLUZ LUQUE (BES-2016-076994)
Entity where project took place: Universitat Politècnica de València
Nº of researchers: 3
Funding entity or bodies:
AGENCIA ESTATAL DE INVESTIGACION
Start date: 01/05/2019 **Duration:** 2 years - 5 months
Total amount: 46.780,03 €
- 7** **Name of the project:** Statistical and machine learning techniques in human microbiome studies (CA18131)
Nº of researchers: 26
Funding entity or bodies:
Comisión europea
Start date: 22/02/2019 **Duration:** 3 years - 11 months - 27 days
Total amount: 0 €



- 8** **Name of the project:** NUEVOS METODOS PARA LOS RETOS EMERGENTES EN EL ANALISIS DE DATOS DE SECUENCIACION MASIVA (BIO2015-71658-R)
Degree of contribution: Researcher
Entity where project took place: Universitat Politècnica de València
Name principal investigator (PI, Co-PI....): Sonia Tarazona Campos
Nº of researchers: 3
Funding entity or bodies:
MINISTERIO DE ECONOMIA Y EMPRESA
Start date: 07/01/2019 **Duration:** 1 year
Total amount: 12.868,47 €
- 9** **Name of the project:** Plataforma de Bionformática (PT17/0009/0015)
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 5
Funding entity or bodies:
Ministerio de Economía y Competitividad (Instituto de Salud Carlos III)
Start date: 01/01/2018 **Duration:** 2 years - 11 months - 30 days
Total amount: 0 €
- 10** **Name of the project:** The Next Systems Biology: desarrollo de métodos estadísticos para la biología de sistemas multiómica (PROMETEO GRUPOS DE EXCELENCIA)
Entity where project took place: Centro de Investigación Príncipe Felipe (Valencia)
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 5
Funding entity or bodies:
Generalitat Valenciana
Start date: 01/01/2016 **Duration:** 3 years - 11 months - 30 days
Total amount: 192.164 €
- 11** **Name of the project:** Nuevos métodos para los retos emergentes en el análisis de datos de secuenciación masiva (BIO2015-71658-R)
Degree of contribution: Researcher
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Sonia Tarazona Campos
Nº of researchers: 5
Funding entity or bodies:
Ministerio de Economía y Competitividad
Start date: 01/01/2016 **Duration:** 2 years - 11 months - 30 days
Total amount: 220.000 €
- 12** **Name of the project:** DEANN: Developing an European American NGS Network (612583 IRSES)
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 15
Funding entity or bodies:
Comisión Europea
Start date: 01/01/2014 **Duration:** 3 years - 11 months - 30 days
Total amount: 0 €



- 13** **Name of the project:** Desarrollo de recursos computacionales para la caracterización y anotación funcional de ARN no codificante (BIO2012-40244)
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 6
Funding entity or bodies:
Ministerio de Economía y Competitividad
Start date: 01/01/2013 **Duration:** 2 years - 11 months - 30 days
Total amount: 0 €
- 14** **Name of the project:** Análisis de gemelos discordantes para investigar la correlación entre alteraciones en expresión y metilación de DNA en Lupus eritematoso sistémico (16ER)
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 2
Funding entity or bodies:
Fundación Gent per Gent
Start date: 26/10/2012 **Duration:** 11 months - 30 days
Total amount: 0 €
- 15** **Name of the project:** STATegra: User-driven Development of Statistical Methods for Experimental Planning, Data Gathering and Integrative Analysis of Next Generation Sequencing, Proteomics and Metabolomics (306000)
Entity where project took place: CENTRO DE INVESTIGACION PRINCIPE FELIPE
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 11
Funding entity or bodies:
COMISIÓN EUROPEA FP7-HEALTH
Start date: 01/10/2012 **Duration:** 2 years - 11 months - 29 days
Total amount: 7.856.483 €
- 16** **Name of the project:** Genómica y transcriptómica de las rutas de detoxificación en Drosophila (PIBAR-00266)
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 3
Funding entity or bodies:
Ministerio de Educación y Ciencia
Start date: 26/07/2012 **Duration:** 2 years - 1 month - 29 days
Total amount: 0 €
- 17** **Name of the project:** Estudio de nuevas relaciones genoma-transcriptoma mediante técnicas de ultra-secuenciación (BIO2009-10799)
Entity where project took place: Centro de Investigación Príncipe Felipe
Name principal investigator (PI, Co-PI....): Ana Conesa Cegarra
Nº of researchers: 4
Funding entity or bodies:
Ministerio de Educación y Ciencia

**Start date:** 01/01/2010**Duration:** 2 years - 11 months - 30 days**Total amount:** 0 €**18 Name of the project:** PathoGenoMics: Transcriptional networks controlling virulence in filamentous fungal pathogens (BIO2008-04638-E)**Entity where project took place:** Centro de Investigación Príncipe Felipe**Name principal investigator (PI, Co-PI....):** Ana Conesa Cegarra**Nº of researchers:** 4**Funding entity or bodies:**

Ministerio de Educación y Ciencia

Start date: 01/02/2009**Duration:** 2 years - 11 months - 29 days**Total amount:** 0 €**R&D non-competitive contracts, agreements or projects with public or private entities****Name of the project:** EVALUACION DE LA BIODIVERSIDAD EN FINCAS DE CITRICOS DE LA COMUNIDAD VALENCIANA**Entity where project took place:** Universitat Politècnica de València**Name principal investigator (PI, Co-PI....):** Rafael Laborda Cenjor**Nº of researchers:** 3**Funding entity or bodies:**

QUALITY AND ADVISER, S.L.

Start date: 01/12/2019**Duration:** 2 years - 1 month**Total amount:** 65.320 €**Scientific and technological activities****Scientific production****Publications, scientific and technical documents****1** Sonia Tarazona Campos; Héctor Carmona; Ana Conesa Cegarra; Marta Llansola; Vicente Felipo. A multi-omic study for uncovering molecular mechanisms associated with hyperammonemia-induced cerebellar function impairment in rats. Cell Biology and Toxicology. 2021. ISSN 0742-2091. DOI: <https://doi.org/10.1007/s10565-020-09572-y>**Type of production:** Scientific paper**Format:** Journal**2** MARÍA TERESA RUBIO MARTINEZ-ABARCA; Vicente Felipo; Sonia Tarazona Campos; Roberta Pastorelli; Desamparados Escudero-García; Joan Tosca; Amparo Urios; Ana Conesa Cegarra; Carmina Montoliu. Multi-omic analysis unveils biological pathways in peripheral immune system associated to minimal hepatic encephalopathy appearance in cirrhotic patients. Scientific Reports. 11, pp. 1 - 14. 2021. ISSN 2045-2322. DOI: 10.1038/s41598-020-80941-7**Type of production:** Scientific paper**Format:** Journal**3** Nuria Planell; Vincenzo Lagani; Patricia Sebastián León; Frans van der Kloet; Ewoud Ewing; Nestoras Karathanasis; Arantxa Urdangarin; Imanol Arozarena; Maja Jagodic; Ioannis Tsamardinos; Sonia Tarazona Campos; Ana Conesa Cegarra; Jesper Tegner; David Gómez Cabrero. STATegra: Multi-Omics Data Integration

- A Conceptual Scheme With a Bioinformatics Pipeline. *Frontiers in Genetics*. 12, 2021. ISSN 1664-8021. DOI: <https://doi.org/10.3389/fgene.2021.620453>

Type of production: Scientific paper

Format: Journal

- 4** MARÍA DEL CARMEN NUÑO CABANES; MANUEL UGIDOS GUERRERO; Sonia Tarazona Campos; Manuel Martín Expósito; Alberto José Ferrer Riquelme; Susana Rodríguez Navarro; Ana Conesa Cegarra. A multi-omics dataset of heat-shock response in the yeast RNA binding protein Mip6. *Scientific data*. 2020. ISSN 2052-4463. DOI: <https://doi.org/10.1038/s41597-020-0412-z>

Type of production: Scientific paper

Format: Journal

- 5** Vicente Palomar Abril; Teresa Soria Comes; Sonia Tarazona Campos; María Martín Ureste; Vicent Giner Bosch; Inmaculada Maestu Maiques. Dynamic evaluation of neutrophil-to-lymphocyte ratio as prognostic factor in stage III non-small cell lung cancer treated with chemoradiotherapy. *Clinical & Translational Oncology*. 22, pp. 2333 - 2340. 2020. ISSN 1699-048X. DOI: 10.1007/s12094-020-02396-6

Type of production: Scientific paper

Format: Journal

- 6** Sonia Tarazona Campos; Leandro Balzano; David Gómez Cabrero; Andreas Schmidt; Axel Imhof; Thomas Hankemeier; Jesper Tegner; Johan Westerhuis; Ana Conesa Cegarra. Harmonization of quality metrics and power calculation in multi-omic studies. *Nature Communications*. 11, pp. 1 - 13. 2020. ISSN 2041-1723. DOI: 10.1038/s41467-020-16937-8

Type of production: Scientific paper

Format: Journal

- 7** Vicente Palomar Abril; Teresa Soria Comes; Sonia Tarazona Campos; María Martín Ureste; Vicent Giner Bosch; Inmaculada Maestu Maiques. Impact of Age on Inflammation-Based Scores among Patients Diagnosed with Stage III Non-Small Cell Lung Cancer. *Oncology*. 98, pp. 528 - 533. 2020. ISSN 0030-2414. DOI: 10.1159/000506204

Type of production: Scientific paper

Format: Journal

- 8** MANUEL UGIDOS GUERRERO; Sonia Tarazona Campos; José Manuel Prats Montalbán; Alberto José Ferrer Riquelme; Ana Conesa Cegarra. MultiBaC: A strategy to remove batch effects between different omic data types. *Statistical Methods in Medical Research*. 29, pp. 2851 - 2864. 2020. ISSN 0962-2802. DOI: 10.1177/0962280220907365

Type of production: Scientific paper

Format: Journal

- 9** LORENA DE LA FUENTE LORENTE; ÁNGELES ARZALLUZ LUQUE; Manuel Tardáguila; Hector del Risco; Maria Cristina Marti Ibañez; Sonia Tarazona Campos; Pedro Salguero García; Raymond Scott; Alberto Lerma; Ana Alastrue-Agudo; Pablo Bonilla; Jeremy R.B. Newman; Shunichi Kosugi; Lauren M. McIntyre; Victoria Moreno-Manzano; Ana Conesa Cegarra. tappAS: a comprehensive computational framework for the analysis of the functional impact of differential splicing. *GENOME BIOLOGY*. 21, 2020. ISSN 1474-760X. DOI: <https://doi.org/10.1186/s13059-020-02028-w>

Type of production: Scientific paper

Format: Journal

- 10** Sonia Tarazona Campos; Elena Bernabeu; Héctor Carmona; Belén Gómez Jiménez; Javier García Planells; Pim E.G. Leonards; Stephan Jung; Ana Conesa Cegarra; Vicente Felipo; Marta Llansola. A Multiomics Study To Unravel the Effects of Developmental Exposure to Endosulfan in Rats: Molecular Explanation for Sex-Dependent Effects. *ACS Chemical Neuroscience*. 2019. ISSN 1948-7193

Type of production: Scientific paper

Format: Journal

- 11** Isabel Ferreiros Vidal; Thomas Carroll; Tianyi Zhang; Vincenzo Lagani; Ricardo N. Ramirez; Elizabeth Ing-Simmons; Alicia G. Gómez-Valadés; Lee Cooper; Ziwei Liang; Georgios Papoutsoglou; Gopuraja Dharmalingam; Ya Guo; Sonia Tarazona Campos; Sunjay J. Fernandes; Peri Noori. Feedforward regulation of Myc coordinates lineage-specific with housekeeping gene expression during B cell progenitor cell differentiation. *PLoS Biology*. 2019. ISSN 1544-9173

Type of production: Scientific paper

Format: Journal

- 12** David Gómez Cabrero; Sonia Tarazona Campos; Isabel Ferreiros Vidal; Ricardo N. Ramirez; Cerlos Company; Andreas Schmidt; Theo Reijmers; Veronica von Saint Paul; Francesco Marabita; Javier Rodríguez Ubreva; Antonio Garcia Gomez; Thomas Carroll; Lee Cooper; Ziwei Liang; Gopuraja Dharmalingam. STATegra, a comprehensive multi-omics dataset of B-cell differentiation in mouse. *Scientific data*. 6, 2019. ISSN 2052-4463. DOI: 10.1038/s41597-019-0202-7
Type of production: Scientific paper **Format:** Journal
- 13** Víctor Sánchez-Gaya; Salvador Casaní-Galdón; MANUEL UGIDOS GUERRERO; Zheng Kuang; Jane Mellor; Ana Conesa Cegarra; Sonia Tarazona Campos. Elucidating the Role of Chromatin State and Transcription Factors on the Regulation of the Yeast Metabolic Cycle: A Multi-Omic Integrative Approach. *Frontiers in Genetics*. 2018. ISSN 1664-8021
Type of production: Scientific paper **Format:** Journal
- 14** Luis Delaye; SUSANA RUIZ RUIZ; Enrique Calderon; Sonia Tarazona Campos; Ana Conesa Cegarra; ANDRÉS MOYA. Evidence of the Red-Queen hypothesis from accelerated rates of evolution of genes involved in biotic interactions in *Pneumocystis*. *Genome Biology and Evolution*. 10, pp. 1596 - 1606. 2018. ISSN 1759-6653. DOI: 10.1093/gbe/evy116
Type of production: Scientific paper **Format:** Journal
- 15** RAFAEL HERNANDEZ DE DIEGO; Sonia Tarazona Campos; Carlos Martínez Mira; Leandro Balzano; PEDRO FURIÓ TARÍ; Georgios Pappas; Ana Conesa Cegarra. PaintOmics 3: a web resource for the pathway analysis and visualization of multi-omics data. *Nucleic Acids Research*. 46, pp. 503 - 509. 2018. ISSN 0305-1048. DOI: 10.1093/nar/gky466
Type of production: Scientific paper **Format:** Journal
- 16** Juan J. Arroyo-Crespo; Ana Armiñán; David Charbonnier; Leandro Balzano; Francisco Huertas-López; CRISTINA MARTI; Sonia Tarazona Campos; Jerónimo Forteza; Ana Conesa Cegarra; MARIA JESUS VICENT DOCON. Tumor microenvironment-targeted poly-L-glutamic acid-based combination conjugate for enhanced triple negative breast cancer treatment. *Biomaterials*. 186, pp. 8 - 21. 2018. ISSN 0142-9612. DOI: 10.1016/j.biomaterials.2018.09.023
Type of production: Scientific paper **Format:** Journal
- 17** MARÍA JOSÉ NUEDA; Jordi Martorell; Maria Cristina Marti Ibañez; Sonia Tarazona Campos; Ana Conesa Cegarra. Identification and visualisation of differential isoform expression in RNA-seq time series. *Bioinformatics*. btx578, 2017. ISSN 1367-4803
Type of production: Scientific paper **Format:** Journal
- 18** Ana Conesa; Pedro Madrigal; Sonia Tarazona Campos; David Gómez Cabrero; Alejandra Cervera; Andrew McPherson; Michal Wojciech Szczesniak; Daniel J. Gaffney; Laura L. Elo; Xuegong Zhang; Ali Mortazavi. A survey of best practices for RNA-seq data analysis. *GENOME BIOLOGY*. 17, 2016. ISSN 1474-760X
Type of production: Scientific paper **Format:** Journal
- 19** PEDRO FURIÓ TARÍ; Ana Conesa Cegarra; Sonia Tarazona Campos. RGMATCH: matching genomic regions to proximal genes in omics data integration. *BMC Bioinformatics*. 17, pp. 1293. 2016. ISSN 1471-2105. DOI: 10.1186/s12859-016-1293-1
Type of production: Scientific paper **Format:** Journal
- 20** PEDRO FURIÓ TARÍ; Sonia Tarazona Campos; Toni Gabaldón; Anton Enright; Ana Conesa Cegarra. spongeScan: A web for detecting microRNA binding elements in lncRNA sequences. *Nucleic Acids Research*. 2016. ISSN 0305-1048. DOI: 10.1093/nar/gkw443
Type of production: Scientific paper **Format:** Journal



- 21** Diego N De Panis; Julián Padró; PEDRO FURIÓ TARÍ; Sonia Tarazona Campos; Pablo S Milla Carmona; Ignacio M Soto; Hernán Dopazo; Ana Conesa Cegarra; Esteban Hasson. Transcriptome modulation during host shift is driven by secondary metabolites in desert *Drosophila*. *Molecular Ecology*. 25, pp. 4534 - 4550. 2016. ISSN 0962-1083
Type of production: Scientific paper **Format:** Journal
- 22** Sonia Tarazona Campos; PEDRO FURIÓ TARÍ; David Turrà; Antonio Di Pietro; MARÍA JOSÉ NUEDA; Alberto José Ferrer Riquelme; Ana Conesa Cegarra. Data quality aware analysis of differential expression in RNA-seq with NOISeq R/Bioc package. *Nucleic Acids Research*. 2015. ISSN 0305-1048. DOI: 10.1093/nar/gkv711
Type of production: Scientific paper **Format:** Journal
- 23** Henriette Imer; Sonia Tarazona Campos; Christoph Sasse; Patrick Olbermann; Jürgen Loeffler; Sven Krappmann; Ana Conesa; Gerhard H. Braus. RNAseq analysis of *Aspergillus fumigatus* in blood reveals a just wait and see resting stage behavior. *BMC Genomics*. 16, pp. 640. 2015. ISSN 1471-2164. DOI: 10.1186/s12864-015-1853-1
Type of production: Scientific paper **Format:** Journal
- 24** MARÍA JOSÉ NUEDA; Sonia Tarazona Campos; Ana Conesa Cegarra. Next maSigPro: updating maSigPro Bioconductor package for RNA-seq time series. *Bioinformatics*. 30, pp. 2598 - 2602. 2014. ISSN 1367-4803
Type of production: Scientific paper **Format:** Journal
- 25** Ignacio Ponzoni; MARÍA JOSÉ NUEDA; Sonia Tarazona Campos; Stefan Götz; David Montaner; J.S. Dussaut; JOAQUÍN DOPAZO; Ana Conesa Cegarra. Pathway network inference from gene expression data. *BMC Systems Biology*. 8, pp. 1 - 17. 2014. ISSN 1752-0509
Type of production: Scientific paper **Format:** Journal
- 26** Patricia Sebastián León; Enrique Vidal; Pablo Minguez; Ana Conesa Cegarra; Sonia Tarazona Campos; Alicia Amadoz; Carmen Armero; Francisco Salavert; Antonio Vidal Puig; David Montaner; JOAQUÍN DOPAZO. Understanding disease mechanisms with models of signaling pathway activities. *BMC Systems Biology*. 8, pp. 0 - 0. 2014. ISSN 1752-0509. DOI: 10.1186/s12918-014-0121-3
Type of production: Scientific paper **Format:** Journal
- 27** Fernando García-Alcalde; Konstantine Okonechnikov; JOSÉ CARBONELL CABALLERO; Luis Miguel Ruiz; STEFAN GOETZ; Sonia Tarazona Campos; Thomas F. Meyer; Ana Conesa. Qualimap: evaluating next generation sequencing alignment data. *Bioinformatics*. 28, pp. 2678 - 2679. 2012. ISSN 1367-4803. DOI: 10.1093/bioinformatics/bts503
Type of production: Scientific paper **Format:** Journal
- 28** Sonia Tarazona Campos; SONIA PRADO-LÓPEZ; JOAQUÍN DOPAZO; Alberto José Ferrer Riquelme; Ana Conesa. Variable Selection for Multifactorial Genomic Data. *Chemometrics and Intelligent Laboratory Systems*. 110, pp. 113 - 122. 2012. ISSN 0169-7439. DOI: doi: 10.1016/j.chemolab.2011.10.012
Type of production: Scientific paper **Format:** Journal
- 29** Sonia Tarazona Campos; Fernando García-Alcalde; JOAQUÍN DOPAZO; Alberto José Ferrer Riquelme; Ana Conesa. Differential expression in RNA-seq: A matter of depth. *Genome Research*. 21, pp. 2213 - 2223. 2011. ISSN 1088-9051. DOI: 10.1101/gr.124321.111
Type of production: Scientific paper **Format:** Journal
- 30** Ana Conesa Cegarra; José Manuel Prats Montalbán; Sonia Tarazona Campos; MARÍA JOSÉ NUEDA; Alberto José Ferrer Riquelme. A multiway approach to data integration in systems biology based on Tucker3 and N-PLS. *Chemometrics and Intelligent Laboratory Systems*. pp. 101 - 111. 2010. ISSN 0169-7439
Type of production: Scientific paper **Format:** Journal



- 31** SONIA PRADO-LÓPEZ; Ana Conesa Cegarra; Ana Armiñán; Magdalena Martínez; Carmen Escobedo-Lucea; Carolina Gandía Ventura; Sonia Tarazona Campos; Dario Melguizo; David Blesa; David Montaner; Silvia Sanz; Pilar Sepúlveda; STEFAN GOETZ; JOSE ENRIQUE O CONNOR; RUBEN MORENO PALANQUES; JOAQUÍN DOPAZO; Deborah J. Burks; Miodrag Stojkovic. Hypoxia promotes efficient differentiation of human embryonic stem cells to functional endothelium. *Stem Cells*. pp. 1 - 18. 2010. ISSN 1066-5099. DOI: 10.1002/stem.295
Type of production: Scientific paper **Format:** Journal
- 32** MARÍA JOSÉ NUEDA; Sonia Tarazona Campos; JOAQUÍN DOPAZO; Alberto José Ferrer Riquelme; Ana Conesa. Functional Assessment of Time Course Microarray Data. *BMC Bioinformatics*. 10, pp. 1 - 18. 2009. ISSN 1471-2105. DOI: 10.1186/1471-2105/10/S6/S9
Type of production: Scientific paper **Format:** Journal
- 33** Sonia Tarazona Campos; Leandro Balzano; Ana Conesa Cegarra. Multiomics Data Integration in Time Series Experiments. *COMPREHENSIVE ANALYTICAL CHEMISTRY. Data Analysis for Omic Sciences: Methods and Applications*. 18, pp. 505 - 532. Elsevier, 2018. ISBN 978-0-444-64044-4
Type of production: Book chapter **Format:** Book
- 34** Rafael Laborda Cenjor; Salvador Bertomeu Cucart; Adrian Sanchez Domingo; Pilar Xamani Monserrat; Sonia Tarazona Campos; Josep Manuel Ibañez Ortuño; Alberto García Prats; Ferran García Mari. Influence of ecological infrastructures on the increase of biodiversity and conservation of beneficial arthropods in citrus orchards. *Integrated Control in Citrus Fruit Crops*. 25, pp. 111 - 115. International Organization for Biological and Integrated Control of Noxious Animals and Plants, West Palearctic Regional Section (IOBC-WPRS), 2013. ISBN 978-92-9067-274-6
Type of production: Book chapter **Format:** Book
- 35** Rafael Laborda Cenjor; Salvador Bertomeu Cucart; Pilar Xamani Monserrat; Adrian Sanchez Domingo; Sonia Tarazona Campos; Alberto García Prats; Josep Manuel Ibañez Ortuño; Ferran García Mari. Evaluation of ecological infrastructures in the conservation and management of natural enemies as an alternative to pesticide use in the agricultural landscape of the Altea municipality (eastern Spain). *Integrated Control in Citrus Fruit Crops*. 26, pp. 117 - 120. International Organization for Biological and Integrated Control of Noxious Animals and Plants, West Palearctic Regional Section (IOBC-WPRS), 2013. ISBN 978-92-9067-274-6
Type of production: Book chapter **Format:** Book

Works submitted to national or international conferences

- 1** **Title of the work:** Prognostic impact of the CONtrolling NUTritional status (CONUT) score in patients with stage III non-small cell lung cancer (NSCLC)
Name of the conference: European Society for Medical Oncology Congress (ESMO 2020)
City of event: Online,
Date of event: 18/10/2020
Vicente Palomar Abril; Teresa Soria Comes; Sonia Tarazona Campos; María Martín Ureste; María Elena Iriarte Moncho; Vicent Giner Bosch; Inmaculada Maestu Maiques. "Abstract Book of the ESMO Virtual Congress 2020. *Annals of Oncology: Volumen 31, suplemento 4*". pp. 804 - 805. Elsevier,
- 2** **Title of the work:** Power calculation in multi-omic studies
Name of the conference: XXXVIII Congreso Nacional de Estadística e Investigación Operativa (SEIO 2019). XII Jornadas de Estadística Pública
City of event: Alcoi, España,
Date of event: 06/09/2019
Sonia Tarazona Campos; David Gómez Cabrero; Johan Westerhuis; Ana Conesa Cegarra. "Libro de Actas SEIO 2019". pp. null - null. Editado por Eva Vallada y Rubén Ruiz,



- 3** **Title of the work:** Measuring isoform co-expression in single-cell RNAseq successfully decodes splicing coordination as a key determinant of neural cell type identity
Name of the conference: 27th Conference on Intelligent Systems for Molecular Biology and the 18th European Conference on Computational Biology (ISMB/ECCB 2019)
City of event: Basel, Switzerland,
Date of event: 25/07/2019
ÁNGELES ARZALLUZ LUQUE; Sonia Tarazona Campos; Ana Conesa Cegarra. pp. null - null.
- 4** **Title of the work:** Multi-omics data integration uncovers candidate molecular biomarkers for minimal hepatic encephalopathy
Name of the conference: 27th Conference on Intelligent Systems for Molecular Biology and the 18th European Conference on Computational Biology (ISMB/ECCB 2019)
City of event: Basel, Switzerland,
Date of event: 25/07/2019
MARÍA TERESA RUBIO MARTINEZ-ABARCA; Carmina Montoliu; Vicente Felipo; Sonia Tarazona Campos; Ana Conesa Cegarra. pp. null - null.
- 5** **Title of the work:** Multi-omics data integration uncovers candidate molecular biomarkers for minimal hepatic encephalopathy
Name of the conference: III Congreso Nacional de Jóvenes Investigadores en Biomedicina. National Congress of Young Researchers in Biomedicine
City of event: Valencia, España,
Date of event: 26/04/2019
MARÍA TERESA RUBIO MARTINEZ-ABARCA; Vicente Felipo; Carmina Montoliu; Ana Conesa Cegarra; Sonia Tarazona Campos. pp. 0 - 0.
- 6** **Title of the work:** Harmonization of quality metrics and power calculation in multi-omic studies
Name of the conference: XIV Jornadas de Bioinformática = XIV Symposium on Bioinformatics (JBI 2018)
City of event: Granada, España,
Date of event: 16/11/2018
Sonia Tarazona Campos; David Gómez Cabrero; Andreas Schmidt; Axel Imhof; Thomas Hankemeier; Jesper Tegner; Johan Westerhuis; Ana Conesa Cegarra. pp. 0 - 0.
- 7** **Title of the work:** Integrative multi-omics analysis to explain immune alterations in minimal hepatic encephalopathy patients
Name of the conference: XIV Jornadas de Bioinformática = XIV Symposium on Bioinformatics (JBI 2018)
City of event: Granada, España,
Date of event: 16/11/2018
MARÍA TERESA RUBIO MARTINEZ-ABARCA; Vicente Felipo; Carmina Montoliu; Sonia Tarazona Campos; Ana Conesa Cegarra. pp. 0 - 0.
- 8** **Title of the work:** MultiBaC: a strategy to remove batch effect between different omic data types
Name of the conference: XIV Jornadas de Bioinformática = XIV Symposium on Bioinformatics (JBI 2018)
City of event: Granada, España,
Date of event: 16/11/2018
MANUEL UGIDOS GUERRERO; Sonia Tarazona Campos; José Manuel Prats Montalbán; Alberto José Ferrer Riquelme; Ana Conesa Cegarra. pp. 0 - 0.
- 9** **Title of the work:** PaintOmics 3: a web resource for the pathway analysis and visualization of multi-omics data
Name of the conference: XIV Jornadas de Bioinformática = XIV Symposium on Bioinformatics (JBI 2018)
City of event: Granada, España,



Date of event: 16/11/2018

Sonia Tarazona Campos; RAFAEL HERNANDEZ DE DIEGO; Carlos Martínez Mira; Leandro Balzano; PEDRO FURIÓ TARÍ; Georgios Pappas; Ana Conesa Cegarra. pp. 0 - 0.

- 10 Title of the work:** tappAS: a comprehensive computational framework for the analysis of the functional impact of differential splicing
Name of the conference: XIV Jornadas de Bioinformática = XIV Symposium on Bioinformatics (JBI 2018)
City of event: Granada, España,
Date of event: 16/11/2018
LORENA DE LA FUENTE LORENTE; Manuel Tardáguila; Hector del Risco; Pedro Salguero García; Sonia Tarazona Campos; Victoria Moreno-Manzano; Ana Conesa Cegarra. pp. 0 - 0.
- 11 Title of the work:** Strategy to remove batch effect between different omic data types
Name of the conference: MiniArctic Conference Workshop
City of event: Valencia, España,
Date of event: 10/11/2017
MANUEL UGIDOS GUERRERO; Sonia Tarazona Campos; José Manuel Prats Montalbán; Alberto José Ferrer Riquelme; Ana Conesa Cegarra. pp. 0 - 0.
- 12 Title of the work:** The challenge of integrating multi-omic multi-factorial data to infer regulatory networks
Name of the conference: 25th Conference on Intelligent Systems for Molecular Biology and the 16th European Conference on Computational Biology (ISMB/ECCB 2017)
City of event: Prague, Czech Republic,
Date of event: 25/07/2017
Sonia Tarazona Campos; Mónica Clemente Císcar; RAFAEL HERNANDEZ DE DIEGO; David Gómez Cabrero; PEDRO FURIÓ TARÍ; Carlos Martínez Mira; Ana Conesa Cegarra. pp. 0 - 0.
- 13 Title of the work:** Data quality aware analysis of differential expression in RNA-seq with NOISeq R/Bioc package
Name of the conference: XIII Jornadas de Bioinformática = XIII Symposium on Bioinformatics (JBI 2016)
City of event: Valencia, España,
Date of event: 13/05/2016
Sonia Tarazona Campos; PEDRO FURIÓ TARÍ; David Turrà; Antonio Di Pietro; MARÍA JOSÉ NUEDA; Alberto José Ferrer Riquelme; Ana Conesa Cegarra. pp. 0 - 0.
- 14 Title of the work:** Inferring significant pathway regulators from the integration of multi-omics NGS data in Generalized Linear Models
Name of the conference: XIII Jornadas de Bioinformática = XIII Symposium on Bioinformatics (JBI 2016)
City of event: Valencia, España,
Date of event: 13/05/2016
Sonia Tarazona Campos; Mónica Clemente Císcar; Ana Conesa Cegarra; Patricia Sebastián León. pp. 0 - 0.
- 15 Title of the work:** INTEGRATIVE VISUALIZATION OF MULTI OMICS DATA: THE PAINTOMICS 3 PLATFORM
Name of the conference: XIII Jornadas de Bioinformática = XIII Symposium on Bioinformatics (JBI 2016)
City of event: Valencia, España,
Date of event: 13/05/2016
RAFAEL HERNANDEZ DE DIEGO; PEDRO FURIÓ TARÍ; Sonia Tarazona Campos; Ana Conesa Cegarra. pp. 0 - 0.



- 16** **Title of the work:** Tools for the design and analysis of multi-omic experiments
Name of the conference: XIII Jornadas de Bioinformática = XIII Symposium on Bioinformatics (JBI 2016)
City of event: Valencia, España,
Date of event: 13/05/2016
Sonia Tarazona Campos; Carlos Martínez Mira; PEDRO FURIÓ TARÍ; David Gómez Cabrero; Ana Conesa Cegarra. pp. 0 - 0.
- 17** **Title of the work:** Integrating multi-omic NGS data in regression models to understand gene expression regulation
Name of the conference: Next Generation Sequencing Conference (NGS'16)
City of event: Barcelona, Spain,
Date of event: 06/04/2016
Sonia Tarazona Campos; Mónica Clemente Císcar; Patricia Sebastián León; Ana Conesa Cegarra. pp. 0 - 0.
- 18** **Title of the work:** IntegRa: An omics integration pipeline to find gene expression regulatory programs and assess the effect of regulators
Name of the conference: Statistical Methods for Omics Data Integration and Analysis (SMODIA 2015)
City of event: Valencia, Spain,
Date of event: 16/09/2015
Sonia Tarazona Campos; Mónica Clemente Císcar; Ana Conesa Cegarra. pp. 0 - 0.
- 19** **Title of the work:** Paintomics 3.0: Integrated visualization of multi omics data on KEGG pathways
Name of the conference: Statistical Methods for Omics Data Integration and Analysis (SMODIA 2015)
City of event: Valencia, Spain,
Date of event: 16/09/2015
RAFAEL HERNANDEZ DE DIEGO; PEDRO FURIÓ TARÍ; Sonia Tarazona Campos; Ana Conesa Cegarra. pp. 0 - 0.
- 20** **Title of the work:** Useful tools for the analysis of multi-omic data
Name of the conference: Statistical Methods for Omics Data Integration and Analysis (SMODIA 2015)
City of event: Valencia, Spain,
Date of event: 16/09/2015
Sonia Tarazona Campos; David Gómez Cabrero; Carlos Martínez Mira; Ana Conesa Cegarra. pp. 0 - 0.
- 21** **Title of the work:** Predicción de la regulación génica mediante integración de datos multi-ómicos y árboles de clasificación
Name of the conference: XXXV Congreso Nacional de Estadística e Investigación Operativa (SEIO 2015). IX Jornadas de Estadística Pública
City of event: Pamplona, España,
Date of event: 29/05/2015
Mónica Clemente Císcar; Sonia Tarazona Campos; Ana Conesa Cegarra. "ACTAS XXXV Congreso Nacional de Estadística e Investigación Operativa". pp. 0 - 0. SEIO - Universidad Publica de Navarra,
- 22** **Title of the work:** Integrated variable selection from multi-omics experiments using machine learning
Name of the conference: International Work-Conference on Bioinformatics and Biomedical Engineering (IWBBIO 2015)
City of event: Granada, Spain,
Date of event: 17/04/2015
Sonia Tarazona Campos; Mónica Clemente Císcar; Ana Conesa. "IWBBIO 2015, INTERNATIONAL WORK-CONFERENCE ON BIOINFORMATICS AND BIOMEDICAL ENGINEERING, PROCEEDINGS OF ABSTRACTS.". pp. 0 - 0. Copicentro Granada,



- 23** **Title of the work:** Integrated variable selection from multi-omics experiments using machine learning
Name of the conference: Statistical Methods for Omics Data Integration and Analysis (SMODIA 2014)
City of event: Heraklion, Crete, Greece,
Date of event: 12/11/2014
Mónica Clemente Císcar; Sonia Tarazona Campos; Ana Conesa Cegarra. pp. 0 - 0.
- 24** **Title of the work:** Evaluación de las infraestructuras ecológicas en la conservación y manejo de los enemigos naturales como alternativa al uso de los plaguicidas en el paisaje agrícola del municipio de Altea (Este de España).
Name of the conference: I Simposio Mediterráneo de Agroecología y Agricultura Ecológica. II Conferencia Internacional Biocitrics
City of event: Valencia, Spain,
Date of event: 04/10/2013
Rafael Laborda Cenjor; Salvador Bertomeu Cucart; Adrian Sanchez Domingo; Sonia Tarazona Campos; Pilar Xamani Monserrat; Josep Manuel Ibañez Ortuño; Alberto García Prats; Ferran García Mari. "Resúmenes del I Simposio Mediterráneo de Agroecología y Agricultura Ecológica". pp. 42 - 42. Sociedad Española de Agricultura Ecológica,
- 25** **Title of the work:** Influencias de las infraestructuras ecológicas del municipio de Altea en el aumento de la biodiversidad y conservación de la fauna auxiliar.
Name of the conference: I Simposio Mediterráneo de Agroecología y Agricultura Ecológica. II Conferencia Internacional Biocitrics
City of event: Valencia, Spain,
Date of event: 04/10/2013
Rafael Laborda Cenjor; Salvador Bertomeu Cucart; Adrian Sanchez Domingo; Sonia Tarazona Campos; Alberto García Prats; Josep Manuel Ibañez Ortuño; Pilar Xamani Monserrat; Ferran García Mari. "Resúmenes del I Simposio Mediterráneo de Agroecología y Agricultura Ecológica". pp. 41 - 41. Sociedad Española de Agricultura Ecológica,
- 26** **Title of the work:** Bacterial transcriptomic analysis using NGS
Name of the conference: XI Jornadas de Bioinformática
City of event: Barcelona,
Date of event: 25/01/2012
Rodrigo Lomas; Sonia Tarazona Campos; Miguel Ángel Pardo; Ana Conesa. "XI Jornadas de Bioinformática. Book of Abstracts http://sgt.cnag.cat/jbi2012/wp-content/uploads/2012/01/JBI2012_BookAbstracts_r.pdf". pp. 141 - 141.
- 27** **Title of the work:** Differential expression in RNA-seq: A matter of depth
Name of the conference: XI Jornadas de Bioinformática
City of event: Barcelona,
Date of event: 25/01/2012
Sonia Tarazona Campos; Fernando García-Alcalde; JOAQUÍN DOPAZO; Alberto José Ferrer Riquelme; Ana Conesa. "XI Jornadas de Bioinformática. Book of Abstracts http://sgt.cnag.cat/jbi2012/wp-content/uploads/2012/01/JBI2012_BookAbstracts_r.pdf". pp. 72 - 72.
- 28** **Title of the work:** RNA-seq time course analysis of a cell transdifferentiation system
Name of the conference: XI Jornadas de Bioinformática
City of event: Barcelona,
Date of event: 25/01/2012
Ana Conesa; Sonia Tarazona Campos; Rodrigo Lomas; MARÍA JOSÉ NUEDA; Jaime Cárcel; C GARCIA; Carlos Simón; Miguel Ángel Pardo. "XI Jornadas de Bioinformática. Book of Abstracts http://sgt.cnag.cat/jbi2012/wp-content/uploads/2012/01/JBI2012_BookAbstracts_r.pdf". pp. 66 - 66.



- 29** **Title of the work:** Differential Expression in RNA-seq: A Matter of Depth
Name of the conference: X Jornadas de Bioinformática: Workshop on Bioinformatics for Personalized Medicines
City of event: Málaga, España,
Date of event: 27/10/2010
Sonia Tarazona Campos; FERNANDO GARCÍA ALCALDE; JOAQUÍN DOPAZO; Alberto José Ferrer Riquelme; Ana Conesa. "Abstracts". pp. 0 - 0. Abstracts,
- 30** **Title of the work:** Variable selection for multifactorial genomics data
Name of the conference: XXXII Congreso Nacional de Estadística e Investigación Operativa (SEIO 2010). VI Jornadas de Estadística Pública
City of event: A Coruña (España),
Date of event: 14/09/2010
Sonia Tarazona Campos; SONIA PRADO-LÓPEZ; JOAQUÍN DOPAZO; Alberto José Ferrer Riquelme; Ana Conesa. "Libro de resúmenes". pp. 0 - 0. Universidad de A Coruña,
- 31** **Title of the work:** Variable selection for multifactorial genomics data
Name of the conference: VII Colloquium Chemiometricum Mediterraneum
City of event: Granada, España,
Date of event: 21/06/2010
Sonia Tarazona Campos; SONIA PRADO-LÓPEZ; Alberto José Ferrer Riquelme; Ana Conesa. "Book of proceedings". pp. 0 - 0. Universidad de Granada,
- 32** **Title of the work:** Robustez en Horarios Ferroviarios
Name of the conference: XII Conferencia de la asociación española para la inteligencia artificial (CAEPIA 2007). II Workshop on Industrial Applications of Distributed Intelligent Systems (INADIS)
City of event: Salamanca, España,
Date of event: 13/11/2007
Miguel Angel Salido Gregorio; Sonia Tarazona Campos. "Actas del congreso INADIS 2007". pp. 77 - 88. Universidad de Salamanca,

Other achievements

Stays in public or private R&D centres

Entity: Karoliska Institute

Type of entity: University Centres and Structures and Associated Bodies

City of entity: Estocolmo, Sweden

Start date: 01/07/2012

Duration: 3 months



Prizes, mentions and distinctions

Description: Premio Extraordinario de Tesis Doctoral

Awarding entity: Universitat Politècnica de València

Conferral date: 23/06/2016

Periods of research activity

Nº of recognized periods: 0

Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI)

Obtained accreditations/recognitions

- 1** **Description:** Profesor/a Titular de Universidad in Sciences
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
Date of reception: 08/07/2019
- 2** **Description:** Profesor/a Contratado/a Doctor
Accrediting entity: Agencia Valenciana de Evaluación y Prospectiva
Date of reception: 23/07/2015
- 3** **Description:** Quinquenios
Nº of recognized periods: 1

Summary of other achievements

- 1** **Description of the achievement:** Acreditación de Profesor Contratado Doctor
AVAP, 20/02/2015
- 2** **Description of the achievement:** Revisión de proyectos de investigación para la ANEP
Desde 2011, 11 evaluaciones.
- 3** **Description of the achievement:** Revisión de artículos científicos en revistas indexadas en el JCR:
Bionformatics
Nucleic Acids Research
Nature Scientific Reports
PeerJ
PLOS Computational Biology
PLOS ONE
Statistics in Medicine
BMC Bionformatics
Genomics and Computational Biology