

Dra. Alba Rodríguez Nogales

Summary

El grupo de investigación "INMUNO-MICROBIOMA INTESTINAL: BÚSQUEDA DE BIOMARCADORES DIAGNÓSTICO, PRONÓSTICO Y TERAPÉUTICOS DE PRECISIÓN," liderado por la investigadora Alba Rodríguez Nogales, es parte del Instituto de Investigación Biosanitaria de Granada (ibs.GRANADA). Su investigación se centra en el estudio de la interacción entre la respuesta inmune intestinal y el microbioma con el objetivo de identificar nuevos marcadores para el diagnóstico, pronóstico, terapias específicas y respuesta al tratamiento en enfermedades gastrointestinales y metabólicas.

El grupo de investigación se ha enfocado en diversas líneas de estudio, incluyendo la evaluación de la eficacia terapéutica de compuestos naturales, extractos de plantas y probióticos en la función gastrointestinal, con un enfoque particular en el desarrollo de estrategias terapéuticas innovadoras para tratar la inflamación intestinal. Este enfoque está relacionado con la modificación de la respuesta inmune tanto a nivel intestinal como sistémico, y su impacto en la microbiota intestinal.

Desde 2017, el grupo ha obtenido financiación continua para liderar varios proyectos relacionados con la identificación de biomarcadores y estrategias multiómicas para el diagnóstico y tratamiento de procesos inflamatorios intestinales y tumores. Su producción científica es notable, con la publicación de 3 capítulos de libro, 2 patentes y 76 artículos de investigación. Además, aproximadamente el 45% de estos artículos se encuentran en revistas de alto impacto (D1), mientras que el 55% restante se ubica en revistas de primera categoría (Q1), y muchos de ellos han tenido un papel relevante en la investigación científica.

El grupo de investigación también participa en 4 proyectos europeos/internacionales en colaboración con equipos multidisciplinares de diferentes países. Estos proyectos se centran en la identificación de biomarcadores ómicos en diversas enfermedades inflamatorias, la creación de una plataforma internacional para estandarizar el protocolo de análisis de microbiota y la estratificación multiómica de pacientes que responden a terapias neoadyuvantes.

El grupo cuenta con una amplia experiencia en la investigación de modelos in vitro e in vivo de diversas enfermedades inflamatorias. Además, se ha enfocado en la inmunomodulación intestinal y su relación con diferentes estrategias terapéuticas en el microbioma intestinal, incluyendo probióticos, prebióticos y compuestos fenólicos, con el objetivo de identificar nuevas dianas terapéuticas y biomarcadores.

La investigadora Alba Rodríguez Nogales ha tenido un impacto significativo en el campo de estudio y ha liderado varios proyectos autonómicos y nacionales relacionados con la microbiota intestinal y la inflamación intestinal en diversas patologías. Además, ha dirigido tesis doctorales con mención internacional y está supervisando otras. Ha sido tutora y directora de trabajos fin de máster y grado, y actualmente está supervisando a una posdoctoral Sara Borrell. También ha participado como evaluadora del Ministerio en la revisión de proyectos científicos.

En resumen, el grupo de investigación liderado por Alba Rodríguez Nogales se ha destacado en el campo de la investigación relacionada con la interacción entre la respuesta inmune intestinal y el microbioma, contribuyendo significativamente a la identificación de biomarcadores, estrategias terapéuticas y avances en el conocimiento de enfermedades gastrointestinales y metabólicas. Su sólida producción científica, participación en proyectos internacionales y financiación obtenida reflejan su excelencia en la investigación científica.

Current professional situation

- **Employing entity:** University of Granada
- **Type of entity:** University Department
- **Department:** Ibs.Granada, Departamento de Farmacología
- **Professional category:** Profesor Ayudante Doctor
- **Start date:** 05/03/2021
- **Type of contract:** Temporary employment contract

Previous positions and activities

1. Employing entity: Instituto de Salud Carlos III

Type of entity: Public Research Body

Professional category: Investigador Postdoctoral Sara Borrell

Start-End date: 01/01/2017 - 31/12/2019

2. Employing entity: Instituto de Salud Carlos III

Type of entity: Public Research Body

Professional category: Investigador Postdoctoral Miguel Servet

Start date: 01/01/2020

Education

University education

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

1. University degree: Higher degree

Name of qualification: Master Biotecnología

Degree awarding entity: Universidad de Granada Type of entity: University

Date of qualification: 21/05/2012

2. University degree: Higher degree

Name of qualification: Licenciado en Biología

Degree awarding entity: Universidad de Granada Type of entity: University

Date of qualification: 13/07/2010

Doctorates

1. Doctorate programme: Doctorado en medicina clínica y salud pública

Degree awarding entity: Universidad de Granada

Type of entity: University

Date of degree: 14/07/2015

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	B2	C1	B2	B2	B2

Teaching experience

General teaching experience

- 1. Name of the course: Atención Farmacéutica en Enfermedades que Cursan Dolor e Inflamación Respiratorias.**
University degree: Máster Universitario en Atención Farmaceutica
Start date: 13/09/2021 End date: 13/01/2022
Entity: Universidad de Granada
Type of entity: University
- 2. Type of teaching: Official teaching**
Name of the course: ATENCION FARMACEUTICA EN ENFERMEDADES QUE CURSAN DOLOR E INFLAMACION Y RESPIRATORIAS
Type of programme: Master's degree
University degree: MÁSTER UNIVERSITARIO EN ATENCIÓN FARMACÉUTICA
Start date: 02/10/2020 End date: 31/07/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Granada Type of entity: University
- 3. Name of the course: Farmacología I**
University degree: Graduado o Graduada en Farmacia
Start date: 02/09/2020 End date: 12/02/2021
Entity: Universidad de Granada Type of entity: University
Faculty, institute or centre: Facultad de Farmacia
- 4. Name of the course: Farmacología y Nutrición**
University degree: Grado en Nutrición Humana y Dietética
Start date: 02/09/2020 End date: 12/02/2021
Entity: Universidad de Granada Type of entity: University
Faculty, institute or centre: Facultad de Farmacia
- 5. Type of teaching: Official teaching**
Name of the course: ATENCION FARMACEUTICA EN ENFERMEDADES QUE CURSAN DOLOR E INFLAMACION Y RESPIRATORIAS
Type of programme: Master's degree
University degree: MÁSTER UNIVERSITARIO EN ATENCIÓN FARMACÉUTICA
Start date: 02/10/2019 End date: 31/07/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2
Entity: Universidad de Granada Type of entity: University
- 6. Type of teaching: Official teaching**
Name of the course: ATENCION FARMACEUTICA EN ENFERMEDADES QUE CURSAN DOLOR E INFLAMACION Y RESPIRATORIAS
Type of programme: Master's degree
University degree: MÁSTER UNIVERSITARIO EN ATENCIÓN FARMACÉUTICA
Start date: 02/10/2018 End date: 31/07/2019
Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad de Granada Type of entity: University

7. Type of teaching: Official teaching

Name of the course: ATENCION FARMACEUTICA EN ENFERMEDADES QUE CURSAN DOLOR E INFLAMACION Y RESPIRATORIAS

Type of programme: Master's degree

University degree: MÁSTER UNIVERSITARIO EN ATENCIÓN FARMACÉUTICA

Start date: 02/10/2017 End date: 31/07/2018

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 2

Entity: Universidad de Granada Type of entity: University

8. University degree: PROGRAMA UNIVERSITARIO PARA PERSONAS MAYORES "AULA ABIERTA DE MAYORES"

Start date: 01/10/2014 End date: 30/06/2017

Entity: Universidad Pablo de Olavide Type of entity: University

Experience supervising doctoral thesis and/or final year projects

1. Project title: Role of intestinal microbiota in obesity-associated colorectal cancer development: a novel target for pharmacological treatment

Type of project: Doctoral thesis

Entity: Universidad de Granada Type of entity: University Student: Ruiz-Malagon, AJ

Obtained qualification: Sobresaliente Cum Laude Date of reading: 24/03/2023

European doctorate: Yes Quality recognition: Yes

2. Project title: LA RESPUESTA MASTOCITARIA COMO DIANA TERAPÉUTICA EN LA RESPUESTA ALÉRGICA

Entity: Universidad de Granada Type of entity: University

Student: Felix Wantang

Date of reading: 08/07/2021

3. Project title: EVALUACIÓN IN VITRO DE LA CAPACIDAD INMUNOMODULADORA DEL PROBIÓTICO LIMOSILACTOBACILLUS FERMENTUM CECT5716 SOBRE LA ACTIVACIÓN MASTOCÍTICA

Entity: Universidad de Granada Type of entity: University

Student: Margarita Sabio Bonilla

Date of reading: 05/07/2021

4. Project title: EVALUACIÓN DE LA CAPACIDAD INMUNOMODULADORA DE VESÍCULAS EXTRACELULARES PROCEDENTES DE ORGANISMOS PROBIÓTICOS.

Entity: Universidad de Granada Type of entity: University

Student: Maria Jesus Rodriguez Sojo

Date of reading: 07/2020

5. Project title: Evaluación de la microbiota intestinal como estrategia terapéutica en el desarrollo de cáncer colorrectal asociado a obesidad.

Entity: Universidad de Granada Type of entity: University

Student: Joaquin Lopez Lujan

Date of reading: 07/2020

6. **Project title: Perspectivas futuras en el tratamiento de la diabetes tipo I**
Type of project: End of course project
Entity: Universidad de Granada Type of entity: University
Student: Laura Moreno Casado
Date of reading: 2018
7. **Project title: Estudio de la actividad de extractos de hoja morera en un modelo experimental de obesidad**
Type of project: Minor thesis
Co-director of thesis: Julio Gálvez Peralta; Alba Rodríguez Nogales
Entity: Facultad de Farmacia Type of entity: University
Student: Antonio Ruiz Malagón
Date of reading: 2018
8. **Project title: Impacto de la microbiota intestinal en el desarrollo de cancer colorrectal asociado a obesidad: posibilidad de tratamiento farmacológico mediante modificación de la composición de la microbiota.**
Type of project: Doctoral thesis
Co-director of thesis: Rodríguez-Nogales, A; Galvez, J
Entity: Universidad de Granada Type of entity: University
Student: Antonio Jesús Ruiz Malagón
European doctorate: Yes
Quality recognition: Yes

Scientific and technological experience

Scientific or technological activities

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

1. **Name of the project: A multi-omic stratification and a non-invasive tool for early recognition of triple negative and Her2+ breast cancer patients responders to neoadjuvant therapy**
Entity where project took place: IBS.GRANADA
Nº of researchers: 10
Type of participation: Team member
Name of the programme: ERA PERMED 2022-114
Start-End date: 01/01/2023 - 01/01/2026
Total amount: 1.325.076 €
2. **Name of the project: Desarrollo de un kit comercial para la secuenciación masiva de micro RNA, basado en una tecnología innovadora de sesgos reducidos (Double Tailing Trap)(DTS22/00151)**
Entity where project took place: Instituto de Salud Carlos III
Type of entity: Public Research Body
Nº of researchers: 22
Start-End date: 01/01/2023 - 31/12/2025
Total amount: 127.050 €

3. **Name of the project: El microbioma como factor modulable y predictivo en el tratamiento de la obesidad: impacto de la implementación nutricional con probióticos y prebióticos (MicoBeBioticos)**

Entity where project took place: FUNDACIÓN PARA LA INVESTIGACIÓN BIOSANITARIA DE ANDALUCIA ORIENTAL - ALEJANDRO OTERO

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Rodriguez Nogales

Nº of researchers: 8

Start-End date: 01/01/2022 - 31/12/2023 Duration: 2 years

Total amount: 193.093€

4. **Name of the project: "Plant Active Products: Research, Innovation and Knowledge Advancements through an International NETwork"**

Nº of researchers: 16

Type of participation: Team member

Code according to the funding entity: C39J20001740002

Start-End date: 01/01/2022 - 31/12/2023

5. **Name of the project: EL MICROBIOMA COMO BIOMARCADOR PREDICTIVO DE LA EFICACIA DEL TRATAMIENTO FARMACOLÓGICO EN PACIENTES CON SÍNDROME METABÓLICO. (MIFASIME)**

Entity where project took place: Universidad de Granada

Type of entity: University

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Alba Rodríguez Nogales

Nº of researchers: 9

Start-End date: 01/07/2021 - 31/12/2023

6. **Name of the project: Nuevos conocimientos sobre el mecanismo subyacente en reacciones inmediatas inducidas por amoxicilina y ácido clavulánico para mejorar el diagnóstico.**

Entity where project took place: Hospital Universitario Virgen de las Nieves

Type of entity: Healthcare Institutions

City of entity: Granada, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Rodriguez-Nogales, A

Nº of researchers: 5

Start-End date: 01/01/2021 - 31/12/2023

Total amount: 112.530 €

7. **Name of the project: Plataforma de Conocimiento en Alimentos, Dieta, Microbiota intestinal y Salud.**

Geographical area: European Union

Entity where project took place: Hospital Regional Universitario Carlos Haya

Type of entity: Healthcare Institutions

Name principal investigator (PI, Co-PI...): Torres, MJ; Rodríguez-Nogales, A

Nº of researchers: 2

Start-End date: 01/01/2020 - 31/12/2023

8. Name of the project: DIFAMEM

Type of project: Research and development, including transfer
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: Hospital Regional Universitario de Málaga
City of entity: Málaga, Andalusia, Spain
Nº of researchers: 12
Type of participation: Team member
Code according to the funding entity: PCI2018-092930
Start-End date: 01/01/2019 - 31/12/2022
Total amount: 200.000 €

9. Name of the project: Identificación de biomarcadores en pacientes alérgicos a veneno de abeja o apolen de olivo con fenotipo grave y reaccion sistémica con inmunoterapia

Entity where project took place: Hospital Regional Universitario Carlos Haya
Type of entity: Healthcare Institutions
City of entity: Málaga, Andalusia, Spain
Nº of researchers: 8
Start-End date: 01/01/2018 - 31/12/2022
Total amount: 134.567 €

10. Name of the project: ANÁLISIS MULTI-ÓMICO EN PACIENTES CON COVID-19 COMO PREDICTOR DE LA EVOLUCIÓN DE LA ENFERMEDAD Y SU RESPUESTA AL TRATAMIENTO

Entity where project took place: Consejería de Salud de la Junta de Andalucía
Type of entity: Universidad de Granada
City of entity: Granada, Andalusia, Spain
Start-End date: 01/09/2020 - 31/12/2021

11. Name of the project: HDHL-INTIMIC : Knowledge Platform on Food, Diet, Intestinal Microbiomics and Human Health

Geographical area: European Union
Entity where project took place: Hospital Regional Universitario Carlos Haya
Type of entity: Healthcare Institutions
Name principal investigator (PI, Co-PI...): Rodríguez-Nogales, A; Torres, MJ
Start-End date: 01/01/2020 - 31/12/2021

12. Name of the project: Aproximación diagnóstica al paciente alérgico a betaláctamicos mediante modelos matemáticos y pruebas in vitro. Estrategia innovadora de tratamiento basada en nano-estructuras.

Entity where project took place: Hospital Regional Universitario de Málaga
Type of entity: Foundation
City of entity: Malaga, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Torres MJ; Fernandez TD; Moreno Rodilla E; Ruiz Ros MD; Perkins JR; Bogas G; Perez Sanchez NI; Rodríguez-Nogales A; de Julian B; Salas M; Laguna JJ; Ariza A
Nº of researchers: 12
Code according to the funding entity: PI18/00095
Start-End date: 01/01/2019 - 31/12/2021
Sub-project amount: 173.332,5 €

- 13. Name of the project: Point-of-care device based on KETs for diagnosis of food allergies (AllerScreening). Horizon 2020 - Research and Innovation Framework Programme.**
Entity where project took place: IBIMA-Hospital Regional Universitario de Malaga
Type of entity: Foundation
City of entity: Málaga, Andalusia, Spain
Nº of researchers: 10
Start-End date: 01/01/2017 - 31/12/2021
- 14. Name of the project: Aplicación de nanoarquitecturas sintéticas al estudio de los mecanismos de activación del basófilo y al diagnóstico en reacciones alérgicas a amoxicilina.**
Geographical area: National
Entity where project took place: Ministerio de economía, industria y competitividad
Type of entity: Public Research Body
City of entity: Hospital Civil, IBIMA-BIONAND, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Maria Isabel Montañez Vega; Alba Rodríguez Nogales; Mari del Carmen Plaza Serón; Patricia Malagón
Nº of researchers: 9
Type of participation: Team member
Code according to the funding entity: PI17/01237
Start-End date: 01/01/2018 - 31/12/2020 Duration: 3 years
Total amount: 87.120 €
- 15. Name of the project: Identificación de biomarcadores en pacientes alérgicos a veneno de abeja o a polen de olivo de fenotipo grave y reacción sistémica con inmunoterapia**
Degree of contribution: Scientific coordinator
Entity where project took place: Hospital Regional Universitario de Málaga
City of entity: Málaga, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Alba Rpdriíguez Nogales; Pilar serrano Delgado
Type of participation: Principal investigator
Code according to the funding entity: PC-0063-2017
Start-End date: 01/01/2018 - 31/12/2020
Total amount: 140.000 €
- 16. Name of the project: Improving treatment based on mesenchymal stromal cells (MSCs) for inflammatory bowel disease: cellular gene characterization of intestinal MSCs and IL-11 therapy**
Entity where project took place: University of Granada
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Deseada Camuesco Pérez
Nº of researchers: 8
Start-End date: 01/05/2015 - 30/05/2020
- 17. Name of the project: Implementation of a novel platform to monitor tumour heterogeneity as a crucial determinant for individualized diagnostic and therapeutic outcome**
Entity where project took place: Instituto de Investigacion Biosanitaria de Granada (ibs.GRANADA)
Type of entity: Healthcare Institutions
City of entity: Granada, Spain
Name principal investigator (PI, Co-PI...): Gamiz F; del Val MC; Leon J; Duarte J; Nuñez MI;

Marchal J; Galvez J

Nº of researchers: 41

Funding entity or bodies: Instituto de Salud Carlos III Type of entity: Public Research Body

City funding entity: Majadahonda, Community of Madrid, Spain

Start-End date: 01/01/2017 - 31/12/2019

Total amount: 493.620 €

18. Name of the project: Intervención con prebióticos para el tratamiento de alergia a alimentos

Entity where project took place: Hospital Regional Universitario Carlos Haya

Type of entity: Healthcare Institutions

City of entity: Malaga, Andalusia, Spain

Name principal investigator (PI, Co-PI....): Cristobalina Mayorga Mayorga Mayorga; Rodriguez-Nogales A Code according to the funding entity: PE-0039-2018

R&D non-competitive contracts, agreements or projects with public or private entities

1. Name of the project: Intervention study focused on the intestinal microbiome to evaluate the impact of a Wild Thyme Extract (Thymus serpyllum) extract with anti-inflammatory and metabolic effects

Degree of contribution: Coordinator of total project, network or consortium

Name principal investigator (PI, Co-PI....): Rodriguez Nogales, Alba

Nº of researchers: 6

Start date: 06/03/2023 Duration: 1 year

Total amount: 61.608,13 €

2. Name of the project: Investigación, desarrollo e innovación en nuevos alimentos multifuncionales para síndrome metabólico (METASIN)

Degree of contribution: Investigación

Name principal investigator (PI, Co-PI....): Julio Gálvez Peralta; Juan Manuel Duarte Pérez

Nº of researchers: 2

Participating entity/entities: Universidad de Granada

Funding entity or bodies: Biosearch S.A.

Start date: 21/04/2015 Duration: 3 years - 8 months - 10 days

Total amount: 135.000 €

3. Name of the project: Nuevos desarrollos para aplicaciones cosméticas/dermatológicas de AS-481818

Degree of contribution: Investigación

Name principal investigator (PI, Co-PI....): Rodriguez-Nogales, A; Cebrián-Castillo, R

Nº of researchers: 5

Funding entity or bodies:

CEI Biotic Type of entity: University

Universidad de Granada Type of entity: University

City funding entity: Granada, Andalusia, Spain

Start date: 01/01/2015 Duration: 1 year

- 4. Name of the project: Evaluación del efecto de extractos de origen natural en modelos experimentales de síndrome metabólico.**
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Julio Juan Gálvez Peralta; Juan Manuel Duarte Pérez
Funding entity or bodies:
Fundación Centro de Investigación y Desarrollo del Alimento Funcional.
Type of entity: Public Research Body
City funding entity: Granada, Andalusia, Spain
Start date: 31/10/2014 Duration: 5 months
- 5. Name of the project: Nuevas aplicaciones de cepas probióticas y de compuestos derivados con actividad biológica**
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Julio Juan Gálvez Peralta
Nº of researchers: 3
Funding entity or bodies: Biosearch S.A.
Start date: 01/01/2013 Duration: 2 years - 11 months
- 6. Name of the project: Evaluación de la actividad antiinflamatoria intestinal de extractos vegetales en modelos de colitis experimental**
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Rodriguez-Nogales, A; Julio Juan Gálvez Peralta
Participating entity/entities: FUNDACION EMPRESA UNIVERSIDAD DE GRANADA
Funding entity or bodies: Biosearch S.A.
Start date: 01/02/2012 Duration: 9 months
- 7. Name of the project: Evaluación de la actividad antiinflamatoria intestinal de extractos vegetales en modelos de colitis experimental**
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Rodriguez-Nogales, A; Julio Juan Gálvez Peralta
Participating entity/entities: FUNDACION EMPRESA UNIVERSIDAD DE GRANADA
Funding entity or bodies:
Biosearch S.A.
Start date: 01/02/2012 Duration: 9 months
- 8. Name of the project: Investigation of botanical extracts in a mammalian IBD model (TNBS)**
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Antonio Zarzuelo Zurita; Julio Juan Gálvez Peralta
Nº of researchers: 5
Participating entity/entities: FUNDACION EMPRESA UNIVERSIDAD DE GRANADA
Funding entity or bodies:
PhytoLab GmbH & Co.KG
Start date: 01/10/2010 Duration: 4 years

Results

Industrial and intellectual property

1. Title registered industrial property: Nanoestructuras para el diagnóstico de alergia a antibióticos betalactámicos, procedimientos de obtención y aplicaciones.

Inventors/authors/obtainers: Montañez MI; Ayane T; Mayorga C; Torres MJ; Fernández T;

Rodríguez-Nogales A; Pérez-Inestrosa E; Vida Y

Nº of application: PCT/ES2021/070103

Country of inscription: Spain

Date of register: 12/02/2020

2. Title registered industrial property: PROBIOTIC STRAINS HAVING CHOLESTEROL ABSORBING CAPACITY, METHODS AND USES THEREOF

Inventors/authors/obtainers: Ana Isabel Sañudo Otero; Raquel Criado García; Alba Rodríguez Nogales;

Alberto Garach Domenech; Mónica Olivares Martín; Julio Juan Gálvez Peralta; Santiago De la Escalera Huerso; Juan Manuel Duarte Pérez; Antonio Zarzuelo Zurita; Óscar Bañuelos Hortigüela

Entity holder of rights: Biosearch S.A

Nº of application: EP14384202.9

Date of register: 10/12/2014

Conferral date: 10/02/2015

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1. Gomez-Casado, C.; Villaseñor, A.; Rodríguez-Nogales, A.; Bueno, J.L.; Barber, D.; Escribese, M.M. Understanding Platelets in Infectious and Allergic Lung Diseases. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCE. 20 - 7, 08/04/2019.

DOI: 10.3390/ijms20071730.

PMID: 30965568

Type of production: Review Format: Journal

Position of signature: 3

Total no. authors: 6 Corresponding author: No

Impact source: ISI Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 4.183 Journal in the top 25%: No

Position of publication: 78 No. of journals in the cat.: 299

Relevant publication: Yes

2. Guillamón E; Mut-Salud N; Rodríguez-Sojo MJ; Ruiz-Malagón AJ; Cuberos-Escobar A; Martínez-Férez A; Rodríguez-Nogales, A; Galvez, J; Baños, A. In Vitro Antitumor and Anti-Inflammatory Activities of Allium-Derived Compounds Propyl Propane Thiosulfonate (PTSO) and Propyl Propane Thiosulfinate (PTS). *Nutrients*. 15 - 6, pp. 1363. 11/03/2023.
DOI: 10.3390/nu15061363 PMID: 36986093
Type of production: Scientific paper Format: Journal
Position of signature: 6
Total no. authors: 12 Corresponding author: Yes
3. García-García J; Diez-Echave P; Yuste ME; Chueca N; García F; Cabeza-Barrera J; Fernández-Varón E; Gálvez J; Colmenero M; Rodríguez-Cabezas ME; Morón R; Rodríguez-Nogales A. Gut Microbiota Composition Can Predict Colonization by Multidrug-Resistant Bacteria in SARS-CoV-2 Patients in Intensive Care Unit: A Pilot Study. *Antibiotics*. 12 - 3, pp. 498. 02/03/2023.
DOI: 10.3390/antibiotics12030498
PMID: 36978365
Type of production: Scientific paper Format: Journal
Position of signature: 12
Total no. authors: 12 Corresponding author: No
4. Vezza T; Molina-Tijeras JA; González-Cano R; Rodríguez-Nogales A; García F; Gálvez J; Cobos EJ. Minocycline Prevents the Development of Key Features of Inflammation and Pain in DSS-induced Colitis in Mice. *J Pain*. 24 - 2, 24/02/2023.
DOI: 10.1016/j.jpain.2022.09.016 PMID: 36183969
Type of production: Scientific paper Format: Journal
Position of signature: 4
Total no. authors: 7 Corresponding author: Yes
5. Molina-Tijeras, JA; Ruiz-Malagon, AJ; Hidalgo-Garcia, L; Diez-Echave, P; Rodriguez-Sojo, MJ; Cadiz-Gurrea, ML; Segura-Carretero, A; Perez del Palacio, J; Gonzalez-Tejero, MR; Rodriguez-Cabezas, ME; Galvez, J; Rodriguez-Nogales, A; Vezza, T; Algieri, F. The Antioxidant Properties of Lavandula multifida Extract Contribute to Its Beneficial Effects in High-Fat Diet-Induced Obesity in Mice. *Antioxidants*. 12 - 4, 2023.
DOI: 10.3390/antiox12040832
Type of production: Scientific paper Format: Journal
Position of signature: 12
Total no. authors: 14 Corresponding author: Yes
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Total no. authors: 19 Corresponding author: Yes
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Total no. authors: 13 Corresponding author: Yes

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Total no. authors: 6 Corresponding author: Yes

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Type of production: Scientific paper Format: Journal

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Total no. authors: 9 Corresponding author: No

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Type of production: Scientific paper Format: Journal

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Total no. authors: 15 Corresponding author: No

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Total no. authors: 12 Corresponding author: Yes

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Position of signature: 7

Total no. authors: 9 Corresponding author: Yes

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Corresponding author: No

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Type of production: Scientific paper Format: Journal

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Total no. authors: 12 Corresponding author: Yes

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Position of signature: 16

Total no. authors: 16 Corresponding author: No

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Impact index in year of publication: 5.717 Journal in the top 25%: Yes

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Type of production: Scientific paper Format: Journal
Position of signature: 15
Total no. authors: 15
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Impact index in year of publication: 5.893 Journal in the top 25%: Yes
Position of publication: 19 No. of journals in the cat.: 271
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PMID: 32796677
Type of production: Scientific paper Format: Journal
Position of signature: 11
Total no. authors: 13 Corresponding author: Yes
Impact source: ISI Category: Chemistry, Medical
Impact index in year of publication: 5.014 Journal in the top 25%: Yes
Position of publication: 7 No. of journals in the cat.: 61

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Type of production: Scientific paper Format: Journal
Corresponding author: No
Impact source: ISI Category: Chemistry, Medical
Impact index in year of publication: 2.572 Journal in the top 25%: No
Position of publication: 36 No. of journals in the cat.: 61
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Type of production: Scientific paper Format: Journal
Position of signature: 10
Total no. authors: 10 Corresponding author: No
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Position of signature: 1
Total no. authors: 1 Corresponding author: No
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Impact index in year of publication: 5.736 Journal in the top 25%: Yes
Position of publication: 18 No. of journals in the cat.: 139
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DOI: 10.1002/mnfr.202000005 PMID: 32415899
Type of production: Scientific paper Format: Journal
Position of signature: 3
Total no. authors: 19 Corresponding author: Yes
Impact source: ISI Category: Science Edition - FOOD SCIENCE & TECHNOLOGY
Impact index in year of publication: 5.151 Journal in the top 25%: Yes