

Curriculum Vitae

Personal information **JOSE ANTONIO DOMINGUEZ BENITEZ**

Work experience

01/03/2004 - CURRENT - Badalona, Spain

RESEARCHER - INSTITUT D'INVESTIGACIO GERMANS TRIAS I PUJOL

Group Leader of a Research Group focused in innovating in respiratory infections and tuberculosis
Coordinator of the EU consortium INNOVA4TB

01/09/2002 - CURRENT - Barcelona, Spain

ASSISTANT PROFESSOR - UNIVERSITAT AUTONOMA DE BARCELONA

Responsible of Microbiology subject in Biotechnology and Genetics Degree. Biosciences Faculty

Education and training

1987 -1993

BIOLOGY DEGREE - Universitat de Barcelona

1996 - 2000

MICROBIOLOGY PHD

Additional information

Publications

Discovery and validation of an NMR-based metabolomic profile in urine as TB biomarker
Sci. Rep. 2021, 78999, 13, doi:10.1038/s41598-020-78999-4.
2021

Discovery and validation of a personalised risk predictor for incident tuberculosis in settings aiming towards pre elimination (PERISKOPE-TB)
Nature Medicine. 2020
2020

Diagnostic accuracy of IP-10 mRNA for active TB
Journal of Clinical Microbiology. 2020. 58: e00848-20 2020

Cell mediated immune responses to in vivo expressed and stage specific Mycobacterium tuberculosis antigens in latent and active tuberculosis across different age groups
Frontiers in immunology. 2020 Feb 11;11:103.
2020

PrimeStore MTM and OMNIgene Sputum for the preservation of sputum for Xpert **MTB/RIF** testing in Nigeria Journal of Clinical Medicine 2019 Dec 4;8(12). pii: E2146

2019

Immune-mediated inflammatory diseases differently affect IGRAs' performance for latent tuberculosis infection diagnosis in clinical practice

PLoS ONE 2017 12(12): e0189202.

2017

Evaluation of GenoFlow **DR-MTB** Array Test for Detection of Rifampin and Isoniazid Resistance in Mycobacterium tuberculosis.

Journal of Clinical Microbiology. 2016;54:1160-3 2016

Clinical implications of molecular drug resistance testing for M.tuberculosis: a TBNET/RESIST-TB consensus statement

International Journal of Tuberculosis and Lung Disease. 2016, 20:24-42. 2016

Diagnosis of TB in children using mycobacteria-specific cytokine responses. Are there reasons for hope?

American Journal of Respiratory and Critical Care Medicine. 2015. 192:409-10

2015

Diagnostic accuracy study of multiplex PCR for detecting tuberculosis drug resistance

Journal of Infection. 2015. 71:220-230

2015

Projects

2019 - CURRENT

Innovation for **TB. INNOVA4TB**. H2020.

2020 - CURRENT

Tuberculosis: Development of new diagnostic methods, new host-direct therapies and understanding the impact of extrinsic factors in modulating inflammation (INNOVA2). ISCIII

2020 - CURRENT

Tuberculosis: Development of new diagnostic methods, new host-direct therapies and understanding the impact of extrinsic factors in modulating inflammation (INNOVA2). ISCIII

2020 - CURRENT

BCG vaccination to Reduce the impact of COVID-19 in healthcare workers following Coronavirus Exposure (**BRACE**) Trial

2020 - CURRENT

Innovative tools to study the impact and mode of action of micro and nanoplastics on human health: towards a knowledge base for risk assessment (PLASTICHEAL). H2020

Memberships

2018 - CURRENT

MycoNet Member

2006 - CURRENT

TBnet Steering Committee Member

2015 - CURRENT

Tuberculosis Integrated Research Programme. Spanish Society of Pulmonology Steering Committee Member

Other Relevant Information

2000

Award from the Royal Academy of Doctors for the millionth Doctoral thesis in Biomedicine