

FERNANDA ALONSO

EXPERIENCIA LABORAL

Healthcare System Innovation Partner

Roche International Ltd. | Enero 2023 - Actualidad, Uruguay, Bolivia & Paraguay

Movement Health 2030 - Node Uruguay Team Lead

Roche International Ltd. | Marzo 2022 - Abril 2023, Uruguay

Personalised Healthcare Lead

Roche International Ltd. | Agosto 2019 - Enero 2023, Uruguay, Bolivia & Paraguay

Foundation Medicine Scientific Responsible

Roche International Ltd. | Enero 2019 - Agosto 2019, Uruguay, Bolivia & Paraguay

Medical Scientific Liaison in Immunobiology

Roche International Ltd. | Mayo 2018 - Agosto 2019, Uruguay, Bolivia & Paraguay

EDUCACIÓN

MSc in Translational Health Sciences

University of Oxford | 2023 - Actualidad, Oxford, Inglaterra, Reino Unido

Ph.D. in Immunobiology

University of Aberdeen | 2014 - 2019, Aberdeen, Escocia, Reino Unido

MRes in Medical Mycology and Fungal Immunology (D)

University of Aberdeen | 2013 - 2014, Aberdeen, Escocia, Reino Unido

Bioquímica Clínica

Universidad de la República | 2007 - 2012, Montevideo, Uruguay

Bachiller en Ciencias Químicas

Universidad de la República | 2007 - 2010, Montevideo, Uruguay

PROYECTOS DE INVESTIGACIÓN

- | | |
|-----------|--|
| 2014-2019 | Temporal and behavioural differences in phagocytosis of pathogenic fungi by peritoneal macrophages
<i>University of Aberdeen, Aberdeen, Escocia, Reino Unido</i> |
| 2014 | Genetic diversity in <i>Tricophyton rubrum</i>
<i>University of Aberdeen, Aberdeen, Escocia, Reino Unido</i> |
| 2014 | Influence of <i>Candida albicans</i> cell-wall composition in the chemotactic response of macrophages
<i>University of Aberdeen, Aberdeen, Escocia, Reino Unido</i> |
| 2011-2013 | Producción recombinante de inhibidores de proteasas ricos en disulfuros en cepas de <i>Escherichia coli</i> con citoplasma oxidante.
<i>Universidad de la República, Montevideo, Uruguay</i> |

PUBLICACIONES (SELECCIÓN)

Fungal Biology

Fungal spore swelling and germination are restricted by the macrophage phagolysosome

Alonso, M. F.; Bain, J. M.; Erwig, L. P.; Brown, A. J. P. & Gow, N. A. R. | 2023

Cell Surface

The nature of the fungal cargo induces significantly different temporal programmes of macrophage phagocytosis

Alonso, M. F.; Bain, J. M.; Rudkin, F. M.; Erwig, L. P.; Brown, A. J. P. & Gow, N. A. R. | 2022

Proceedings of the National Academy of Sciences

Immune cells fold and damage fungal hyphae

Bain, J.M.; Alonso, M.F.; Childers, D.S.; Walls, C.A.; Mackenzie, K.; Pradhan, A.; Lewis, L.E.; Louw, J.; Avelar, G.M.; Larcombe, D.E.; Netea, M.G.; Gow, N.A.R.; Brown, G.D.; Erwig, L.P. and Brown, A.J.P. | 2021

Journal of Fungi

Macrophage migration is impaired within *Candida albicans* biofilms

Alonso, M.F.; Gow, N.A.R.; Erwig, L.P. and Bain, J. M. | 2017

Journal of Innate Immunity

Differential kinetics of *Aspergillus nidulans* and *Aspergillus fumigatus* phagocytosis

Gresnigt, M.S.; Becker, K.L.; Leenders, F.; Alonso, M. F.; Wang, X., Meis; J. F., Bain; J. M., Erwig; L.P. and van de Veerdonk, F.L. | 2017

BECAS | PREMIOS

Wellcome Trust Strategic Award in Medical Mycology and Fungal Immunology

- **International Research Scholarship**

2013-2017 | Reino Unido

Agencia Nacional de Investigación e Innovación

- **Beca de Iniciación a la Investigación**

2011-2012 | Uruguay

- **British Mycological Society - Small Grants Award**

2017 | Reino Unido

- **Microbiology Society - Travel Award**

2017 | Reino Unido

- **British Society for Medical Mycology - Glynn Evans Mycology Award**

2016 | Reino Unido