

Dr. Erwin Paz Munoz  
Doctor  
Microbiology and Immunology  
Marshall Centre  
**Type of address: Postal address.**  
The University of Western Australia (M504), 35 Stirling Highway,  
6009  
Perth  
Western Australia  
Australia  
**Type of address: Postal address.**  
The Marshall Centre, QEII Medical Centre  
G16, L block,  
6009  
perth  
Australia  
**Email:** erwin.pazmunoz@uwa.edu.au  
**Phone:** 6488 6781



## Employment

### Technician

Doctor  
Microbiology and Immunology  
School of Biomedical Sciences  
1 Oct 2020 → present

### Research Assistant

Marshall Centre  
School of Biomedical Sciences  
4 Mar 2024 → present

## Research outputs

### Insights into the nematobiome in gut of a helminth, *Teladorsagia circumcincta*

Paz, E. A., Chua, E. G., Martin, G. B., Quiñones, J., Díaz, R. & Tay, C. Y., 20 Mar 2026, (E-pub ahead of print) In: *Symbiosis*. 15 p.

### Revealing the associated microflora hosted by the globally significant parasite *Trichostrongylus colubriformis*

Paz, E. A., Chua, E. G., Palmer, D. G., Greeff, J. C., Liu, S., Cheuquemán, C., Hassan, S. U., Martin, G. B. & Tay, C. Y., Dec 2024, In: *Scientific Reports*. 14, 1, 3723.

### GENOME BANKING OF ANCESTRAL HAPLOTYPES FOR FUTURE SURVIVAL

Paz, E. A., Wade, L. A., Lloyd, S. & Dawkins, R., 22 Dec 2023, In: *Proceedings of the Royal Society of Victoria*. 135, 2, p. 34-37 4 p.

### Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep

Paz, E. A., Chua, E. G., Hassan, S. U., Greeff, J. C., Palmer, D. G., Liu, S., Lamichhane, B., Sepúlveda, N., Liu, J., Tay, C. Y. & Martin, G. B., 14 Mar 2022, In: *Animal Microbiome*. 4, 1, 23.

### Genotyping of BMPR1B, BMP15 and GDF9 genes in Chilean sheep breeds and association with prolificacy

Paz, E. A., Quiñones-Díaz, J., Bravo, S. & Sepúlveda, N., Feb 2015, In: *Animal Genetics*. p. 98-99 2 p.

### Identificación de los polimorfismos G1 y G8 del gen GDF9 en ovinos criollos Araucanos

Paz, E., Quiñones, J., Bravo, S., Rodero, E., Gonzalez, A. & Sepúlveda, N., 2014, In: *Archivos de Medicina Veterinaria*. 46, 2, p. 327-331 5 p.

## Datasets

### **Additional file 1 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, J. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359931.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_1\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359931/1](https://springernature.figshare.com/articles/dataset/Additional_file_1_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359931/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_1\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359931](https://springernature.figshare.com/articles/dataset/Additional_file_1_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359931) (show fewer)

### **Additional file 2 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, J. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359934.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_2\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359934/1](https://springernature.figshare.com/articles/dataset/Additional_file_2_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359934/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_2\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359934](https://springernature.figshare.com/articles/dataset/Additional_file_2_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359934) (show fewer)

### **Additional file 3 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, F. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359937.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_3\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359937/1](https://springernature.figshare.com/articles/dataset/Additional_file_3_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359937/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_3\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359937](https://springernature.figshare.com/articles/dataset/Additional_file_3_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359937) (show fewer)

### **Additional file 4 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, J. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359943.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_4\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359943/1](https://springernature.figshare.com/articles/dataset/Additional_file_4_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359943/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_4\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359943](https://springernature.figshare.com/articles/dataset/Additional_file_4_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359943) (show fewer)

### **Additional file 5 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, J. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359946.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_5\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359946/1](https://springernature.figshare.com/articles/dataset/Additional_file_5_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359946/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_5\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359946](https://springernature.figshare.com/articles/dataset/Additional_file_5_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359946) (show fewer)

### **Additional file 6 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, J. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359949.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_6\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359949/1](https://springernature.figshare.com/articles/dataset/Additional_file_6_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359949/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_6\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359949](https://springernature.figshare.com/articles/dataset/Additional_file_6_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359949) (show fewer)

**Additional file 7 of Bacterial communities in the gastrointestinal tract segments of helminth-resistant and helminth-susceptible sheep**

Paz, E. A. (Creator), Chua, E. G. (Creator), Hassan, S. U. (Creator), Greeff, J. C. (Creator), Palmer, D. G. (Creator), Liu, S. (Creator), Lamichhane, B. (Creator), Sepúlveda, N. (Creator), Liu, J. (Creator), Tay, C. Y. (Creator) & Martin, G. B. (Creator), Figshare, 15 Mar 2022

DOI: 10.6084/m9.figshare.19359952.v1,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_7\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359952/1](https://springernature.figshare.com/articles/dataset/Additional_file_7_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359952/1) and one more link,

[https://springernature.figshare.com/articles/dataset/Additional\\_file\\_7\\_of\\_Bacterial\\_communities\\_in\\_the\\_gastrointestinal\\_tract\\_segments\\_of\\_helminth-resistant\\_and\\_helminth-susceptible\\_sheep/19359952](https://springernature.figshare.com/articles/dataset/Additional_file_7_of_Bacterial_communities_in_the_gastrointestinal_tract_segments_of_helminth-resistant_and_helminth-susceptible_sheep/19359952) (show fewer)