



MARTHA VILLEGAS

MSc. Environmental Sciences


BSc. Biology

Proactive, resourceful, and experienced Laboratory Technician. My aim is to continue my career in the research sector and contribute to more sustainable practices. Motivated to learn more, I offer solutions and can work individually or as a part of a team. I like working in multidisciplinary teams because I find interesting learning about different subjects. Always intend to deliver on quality, competence, with openness and professionalism.

Contact details:

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Skills

Microsoft Office



Molecular Biology and Microbiology techniques



Analytical chemistry



Managing laboratories



Languages skills

Spanish



English



Norwegian



Education

[2020-2022](#) Single modules in Environmental Microbiology, Aquatic Ecotoxicology and Bioinformatics.

University of Stavanger, Norway

I continued my studies by enrolling in courses that are available at UiS to learn more and to know how the research sector works in Norway. The description of the courses and transcripts are available at vitnemalportalen.no

[2002-2004](#) MSc. Environmental Sciences, Birkbeck College, University of London, UK

Dissertation: Effects of temperature and dissolved oxygen on the rate of degradation of methyl tert-butyl ether (MTBE) by microbial communities and description of the structure of these communities (proposal).

[1994-2000](#) BSc. Biology (Marine Biology), University del Valle. Colombia

Dissertation: Structure of the phytoplankton community in the river's estuary during the El Niño phenomenon in 1997.

Relevant Work Experience

[0.3. 2022-03.2023-](#) Research Technician/Laboratories Manager. Industrial Biotechnology Group. Norwegian Research Centre AS, NORCE, Stavanger, Norway.

Main Responsibilities:

- Management of laboratories, ensuring availability of consumables and materials, equipment in good working order and compliance with Health and Safety guidance for an efficient everyday operation.
 - Leading a surveillance programme for detection of *Legionella* sp. in public buildings.
 - Advising staff on good laboratory practice and producing documents such as standard operating procedures and risk assessments.
 - Purchase of consumables and equipment in contact with sales representatives for many companies and the company's financial and purchasing advisors.
 - Operation and preventive maintenance of laboratory equipment.
 - Technical support in laboratories such as performing experiments involving Microbiology and Molecular Biology techniques.
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Relevant Work Experience

2016 - 2020	Laboratory Research Technician, University of Roehampton, London, UK.
2015 - 2016	Sales assistant, John Lewis Partnership, London, UK
2012 - 2015	Maternity Leave
2011 - 2012	Analytical Laboratory Technician, University of Roehampton, London, UK
2009 - 2011	General Laboratory Technicians, University of Roehampton, London, UK
2005 - 2009	Maternity Leave
2003 - 2005	Research Laboratory Technician, NERC - Centre for Population Biology Imperial College, University of London, Silwood Park, Ascot, UK
2002 - 2003	Viewing Facilities-marketing research, The Treehouse (Sadek Wynberg – Millward Brown), UK
1998 - 2001	Dive Master, University del Valle Diving Club, Cali, Colombia
2000 - 2001	Consultant Biologist and Project Assistant, ASOTEC Environment Department of Cali (DAGMA), Cali, Colombia

Publications

- 2019 R Barclay, J W Beals, J Drnevich, B S Imai, P M Yau, A V Ulanov, N A Tillin, **M Villegas-Montes**, S A Paluska, P W Watt, M D Lisio, N A Burd and R Mackenzie. 2019. Ingestion of lean meat elevates muscle inositol hexakisphosphate kinase 1 protein content independent of a distinct post-prandial circulating proteome in young adults with obesity. *Metabolism*. DOI: 10.1016/j.metabol.2019.153996
- 2015 S Reeves, J W Huber, L G Halsey, **M Villegas-Montes**, J Elgumati and T Smith. 2015. A cross-over experiment to investigate possible mechanisms for lower BMIs in people who habitually eat breakfast. *European Journal of Clinical Nutrition*, doi:10.1038/ejcn.2014.269.
- 2012 S Reeves, J W Huber, L G Halsey, **M Villegas-Montes**, J Elgumati and T Smith. 2012. Differences in responses to breakfast between breakfast eaters and breakfast skippers. *Proceedings of The Nutrition Society*. DOI: 10.1017/S0029665112002030
- 2005 Futerman, P. H., S. J. Layen, **M. L. Kotzen**, C. Franzen, A. R. Kraaijeveld and H. C. J. Godfray. 2005. Fitness effects and transmission routes of a microsporidian parasite infecting *Drosophila* and its parasitoids. *Parasitology*, doi:10.1017/S0021182005009339.

Memberships

2018-Present	2023 Laboratory Health and Safety (& COSHH), Royal Society of Biology, London, UK
Member of The Royal Society of Biology UK	2022 Operation of bioreactor for liquid fermentation, Norwegian Research Centre AS, Norway
Membership number P0131041	2022 Operation of High-Performance Liquid Chromatography, Norwegian Research Centre AS, Norway
2021-Present	2017 Biosafety Webster's Limited, UK
Member of the Microbiology Society UK	2017 qPCR course, QStandard, University College of London, UK
Membership No: C027342	2017 Molecular Biology- from theory to bench, University College of London, UK
	2016 Using Gas Cylinders Safely within Universities, Gas Safe Consultants Ltd, UK
	2016 Using Liquid Nitrogen Safely within Universities, Gas Safe Consultants Ltd, UK
	2012 Operation and maintenance - HPLC systems, two courses Crawford Scientific, UK
