

# SALAM HABIB

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## PROFILE

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Holds a Doctoral degree in Human Nutrition from McGill University. Recently started an assistant professor position at University of Jordan. An adaptive and active team member, responsible and fast-learning person. Interested in integrating new and innovative techniques in nutritional and health research. I particularly enjoy critical thinking, problem solving and collaborating with people from different backgrounds.

## EXPERIENCE

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2021-present	Assistant professor, University of Jordan
2014-2019	Teaching Assistant, McGill University
2011-2013	Teaching Assistant, University of Jordan

## EDUCATION

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2013-2021	PhD in Human Nutrition, Montreal, McGill University Dissertation title: "Regulating the gut microbiota by intrinsic and extrinsic metabolites"
2008-2011	MSc in Nutrition and Food Technology, Amman, University of Jordan Thesis title: "Nanoencapsulation of omega-3 fatty acid and modeling its thermal stability"
2004-2008	BSc in Nutrition and Food Technology, Amman, University of Jordan, GPA is 3.92 out of 4, graduated as the top student.

## AWARDS AND FELLOSHIPS

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2016-2019	Graduate student fellowship, McGill University.
2017	Lister Family Initiative 3MT Competition, 2nd place winner, McGill University.
2016, 2017	Graduate Excellence Award, McGill University.
2013-2016	PhD student fellowship, University of Jordan.
2007	Innovative Agro-Business Award, Jordan Innovation Center for industrial enterprises.
2005-2007	Top Faculty Student Award, for three consecutive years, University of Jordan.

## SKILLS

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Programming languages; Python, R, C++, Visual basic.  
Software; Microsoft office, Prism, Inkscape, Camtasia, SPSS, SAS.  
Molecular biology; DNA/ RNA extraction, qPCR, electrophoresis, DNA/ RNA-Seq.  
Analytical methods; HPLC, GC and GC-MS spectrophotometry.  
Animal husbandry; breeding, genotyping, necropsy and sampling.

## PUBLICATIONS

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- Salam Habib, Anikka Swaby, Stan Kubow, Luis B. Agellon. (2021) A novel, scalable, and modular bioreactor design for dynamic simulation of the digestive tract. Authorea Preprints.
- Salam M. Habib, Brittnee L. Zwicker, Linda Wykes, Luis B. Agellon. (2021) Sexually dimorphic response of mice to the Western-style diet caused by deficiency of fatty acid binding protein 6 (Fabp6). *Physiological reports* 9 (3), e14733.
- Anikka M. Swaby, Yiheng Chen, Salam Habib, Dukgyu Lee, and Luis B. Agellon. (2020). Ursodeoxycholic acid improves the efficacy of a dietary intervention in counteracting Western-style diet-induced metabolic dysregulation and gut dysbiosis in mice (Abstract). *Applied Physiology, Nutrition and Metabolism*, 45: S48.
- Achal Dhariwal; Chong, Jasmine; Habib, Salam; King, Irah; Agellon, Luis; Xia, Jianguo (2017) MicrobiomeAnalyst - a web-based tool for comprehensive statistical, visual and meta-analysis of microbiome data. *Nucleic Acid Research*, 45: W180-W188.
- Habib, S., Amr, A and Hamadneh, I. (2012) Nanoencapsulation of Alpha-linolenic Acid with Modified Emulsion Diffusion Method. *Journal of American Oil Chemical Society*, 89:695– 703.
- Al-Domi H., Faris M-I and Habib S. (2011). Dietetic Practices of Nutritionists in a Group of Jordanian Hospitals: Ethnographic Study. *Arab Journal of Food & Nutrition*, 27: 44-64.

## WORKSHOPS AND CONFERENCES (selected)

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- The 13th International Calreticulin Workshop, Montreal, Quebec, Canada, May 26-28, 2019.
- Microbiome Summer School: Big Data Analytics for Omics Science. Quebec City, Quebec, Canada, June 19-22, 2017.
- Canadian Nutritional Society, CNS Advances in Nutrition, Gut Health and the Microbiome, Toronto, ON, 14-15 January 2017.
- Canadian Nutritional Society, Nutrition, microbes, and human diseases: insights into pathogenesis and potential treatments, webinar, 20, Oct, 2016.
- McGill University and D-Mark Biosciences, Next-Generation Sequencing Workshop, Ste-Anne-de-Bellevue, QC, 25-27 May, 2015.