



Jacqueline Doumit, Ph.D.

Professor

O: FNHS 1.33

T: 09 218 950, Ext. 5053

E: jdoumit@ndu.edu.lb

Biography

Jacqueline Doumit is currently a Professor in the Faculty of Nursing and Health Sciences at Notre Dame University-Louaize (NDU) Lebanon, where she has been teaching biology, nutrition and biochemistry courses since 1999. She received her BS degree in Biology from the Lebanese University (1984), and her MS (1994), and Ph.D. in Biomedical Engineering (Biochemistry) from the Université de Saint-Etienne, France (1996). Her research interests are largely in food quality, nutrition, the well-being of adults and epidemiological research on elderly. She supervised several Ph.D. and Master students at NDU and Université de Saint-Etienne, as well as participated as a jury member in several Ph.D. thesis defenses. She has a rich number of published articles in prestigious peer reviewed international journals and has presented papers and gave lectures at World Conferences. She has worked on several projects that ranged from national to international collaborations as well as projects that were funded by the WHO and CNRS. She is currently conducting a research project in collaboration with the French research group TAPE (Troubles du comportement alimentaire, Addictions & Poids Extremes), Université Jean Monnet, Saint Etienne, France) to identify the genes implicated in constitutional thinness within the perspective of establishing a new hypothesis to elucidate extremely low body weight mechanisms.

International Peer-reviewed Journals

- Mohamed HA., Nasser R., Doumit J. Physicians' knowledge from religious background on management of diabetic patients during Ramadan fasting in Saudi Arabia. *International Journal of Religion*, 5(6); pp. 457-463. Transnational Press London Ltd, UK, 2024.
- Issa A., Mekanna A.N., Doumit J., Bou Mitri C. (2024) Redefining food safety: the confluence of Web 3.0 and AI technologies in the meat supply chain-a systematic review. *International Journal of Food Science and Technology*, Wiley-Blackwell Publishing Ltd, UK. DOI: [10.1111/jifs.17168](https://doi.org/10.1111/jifs.17168)
- Issa A., El Riachi M., Bou Mitri C., Doumit J., Skaff W., Karam L. (2023) Influence of geographical origin, harvesting time and processing system on the characteristics of olive-mill wastewater: A step toward reducing the environmental impact of the olive oil sector. *Environmental Technology & Innovation*, 32. Elsevier, Netherlands. <https://doi.org/10.1016/j.eti.2023.103365>
- Issa A. & Doumit J. (2022) Nutrition and immunity to combat infectious diseases: the importance of traditionally fermented vegetables in a Mediterranean diet against COVID-19. *Current Nutrition and Food Science*, 8(1); pp. 32. Bentham Science, UAE. DOI: [10.2174/1573401318666220414113352](https://doi.org/10.2174/1573401318666220414113352)
- Bedran P, Bou-Mitri C., Merhi S., Doumit J., El Hayek J., Farhat F. (2022) The compliance of nutrition claims on pita bread in Lebanon and risk on public health: a cross-sectional study. *BMC Nutrition*. Apr 17;8(1):32 BioMed Central, UK. DOI: [10.1186/s40795-022-00526-7](https://doi.org/10.1186/s40795-022-00526-7) PMID: 35430802; PMCID: PMC9014642.
- Maalouf J., Tomazou J.C., Azar S., Bou-Mitri C., Doumit J., Youssef A., Andary R.B., Skaff W.A. and El Riachy M.G. (2021) Determinant factors of olive oil stability, phenolic content and antioxidant capacity. *Nutrition & Food Science*, 52(1); pp. 86-105. Emerald, Bingley, UK. <https://doi.org/10.1108/NFS-01-2021-0030>

- Youssef M.J., Aoun A., Issa A., El-Osta L., El-Osta N., Daham D., Doumit J. (2021) Several Components of the Lebanese Mediterranean Diet and Particular sociodemographic, Medical and Lifestyle Factors may be Associated with Gastroesophageal Reflux Disease in Adults: A Cross-sectional Study in a Middle Eastern Setting. *Current Nutrition & Food Science*, 17(1). Bentham Science, UAE. DOI: [10.2174/1573401316999200518095448](https://doi.org/10.2174/1573401316999200518095448)
- Bou-Mitri C., Khnaisser L., Bou Ghanem M., Merhi S., El Hayek J., Doumit J., Farhat A. (2020) Consumers' Exposure to Claims on Pre-Packaged Bread: The Case of a Developing Country, Lebanon. *Nutrition and Food Science*, 50, 1033-1051. Emerald, Bingley, UK. DOI: [10.1108/NFS-08-2019-0273](https://doi.org/10.1108/NFS-08-2019-0273) ISSN: 0034-6659.
- Aoun A., Darwiche F., Al Hayek S., & Doumit J. (2018) The Fluoride Debate: The Pros and Cons of Fluoridation. *Preventive Nutrition and Food Science*, 23(3), pp. 171-180. Korean Society of Food Science and Nutrition, South Korea. <https://doi.org/10.3746/pnf.2018.23.3.171>
- Doumit J. & Nasser R. (2017) Nutrients intake in elderly residing in Lebanese nursing homes. *Nutrition & Food Science*, 47:2. Emerald, Bingley, UK.
- Nasser R., Al-Ammari B., & Doumit J. (2015) Attribution of elderly responsibility in relation to income in Qatar. *Asian Social Science*, 11:26; doi:10.5539/ass.v11n26p281; Canadian Center of Science and Education, Toronto, Canada; <http://dx.doi.org/10.5539/ass.v11n26p281>
- Doumit J. (2015) Malnutrition and associated risk factors among elderly living in Lebanese community homes. *Nutrition & Food Science*, 45:3. Emerald, Bingley, UK. <http://dx.doi.org/10.1108/NFS-09-2014-0084> or: <http://www.emeraldinsight.com/toc/nfs/45/3>
- Doumit J., Nasser R., & Hanna D. (2014) Nutritional and health status among nursing home residents in Lebanon: comparison across gender in a national cross sectional study. *BMC Public Health*, 14:629 DOI: [10.1186/1471-2458-14-629](https://doi.org/10.1186/1471-2458-14-629) BioMed Central, UK.
- Nasser, R., Doumit, J., Al-Attiya A, and Fokhroo H. (2013) Effect of belief in a Just world on daily living activities of nursing home residents. *Social Behavior and Personality*. New Zealand: Society for Personality Research, 41(9), pp. 1445-1456.
- Nasser R., Doumit J. and Carifio J. (2011) Well-being and belief in A Just world Among Rest Home Residents. *Social Behavior and Personality*. New Zealand: Society for Personality Research, 39(5) pp. 655-670.
- Nasser R. and Doumit J. (2011) Developing criteria for Elderly nursing Homes: the Case of Lebanon. *International Journal of Health Care Quality Assurance*, 24:3. Emerald, Bingley, UK.
- Doumit J. and Nasser R. (2009) Elderly Residents in Lebanese Nursing Homes: Quality of Life and Wellbeing. *International Journal of Health Care Quality Assurance*, 23:1. Emerald, Bingley, UK.
- Nasser, R., and Doumit, J. (2009) Validity and reliability of the Arabic Version of Activities of Daily Living (ADL). *BMC Geriatrics*, 9:11. BioMed Central, UK.
- Amoussou-Guenou K.M., Martinsen O.G., Hounkponou M., Doumit J. & Healy J.C. (2004) Basic principles for evaluation of less deformable erythrocyte subpopulations with the microfilter. *Scand J Clin Lab Invest*. 64, pp.169-174. Informa healthcare, London- UK.
- Doumit J., Le J., Frey J., Chamson A. & Perier C. (1999) A comparison of 15N proline and 13C leucine for monitoring protein biosynthesis in the skin. *Amino Acids*. 16, pp. 107-111, Springer-Verlag, Austria.
- Amoussou-Guenou K.M., Doumit J., Zohoun S.I., Rush Ph., Voutay M. & Healy J.C. (1997) Study of the rigid erythrocytes sub-population with the Cell Transit Analyzer (CTA). *ITBM*. 18(4), pp. 239-248. Elsevier, Paris, France.
- Perier C., Doumit J. & Frey J. (1996) An improved scheme of leucine derivative fragmentation in mass spectrometry. *Amino Acids*. 10, pp. 273-276. Springer-Verlag, Austria.
- Perier C., Doumit J., Le J. & Frey J. (1996) Interdépendance entre biodisponibilité en proline et renouvellement métabolique du collagène. *Nutrition Clinique et Métabolisme*. 10, pp. 85-89. Elsevier Masson, France.

Peer-reviewed Conference Proceedings

- Ghousseb C., Merhi S., Abou Jaoude M., Doumit J., Younes L., Aoun A. Vitamin supplements use in the prevention and treatment of COVID-19, *Clinical Nutrition ESPEN*; 2023, 58. p.615. DOI: <https://doi.org/10.1016/j.clnesp.2023.09.556>
- Ghadieh, R., Merhi S., Aoun A., Galusca B., Farhat A., Ibrahim M., Doumit J. Validation of the Arabic version of Dutch eating behavior questionnaire (DEBQ) and associated factors: A cross-sectional study in a sample of Lebanese adults". *Clinical Nutrition ESPEN*; 2020, 12,40, pp.607-608. DOI: [0.1016/j.clnesp.2020.09.603](https://doi.org/10.1016/j.clnesp.2020.09.603)
- Youssef M.J., Aoun A., Issa A., El-Osta L., El-Osta N. and Doumit J. Mediterranean diet and gastroesophageal reflux disease in Lebanese adults. *Clinical Nutrition ESPEN*; 2020, 40, p636, DOI: <https://doi.org/10.1016/j.clnesp.2020.09.692>
- Bou-Mitri C., Issa A., Doumit J., Al Riachy M., Skaff W. and Andary R. (2019). Valorization of Olive Mill Waste Water to Reduce their Polluting Effect. *Global Harmonization Initiative, 1st World Congress for Food safety and Security*, 24-28 March 2019 Leiden, The Netherlands.
- Bou-Mitri, C., Khnaysse, L., Doumit, J., El Hayek, J. and Farhat, A.G. (2019). Nutrition and Health Claims Status in Lebanon. *Global Harmonization Initiative, 1st World Congress for Food safety and Security*, 24-28 March 2019 Leiden, The Netherlands.

- Doumit J., Youssef M.J. and Aoun A. "Some components of the Lebanese Mediterranean diet may aggravate the symptoms of gastroesophageal reflux disease". Dubai Nutrition Conference, Dubai, United Arab Emirates, 2017; and Lebanese Epidemiological Association Conference (LEAC)-Eating Healthy and Staying Healthy, 2017.
- Bou-Mitri C., Azar S., Zgheib R. and Doumit J. "Effects of agro-industrial factors on total phenolic content and antiradical scavenging capacity of Lebanese olive oil". 18th ISANH Middle East World Congress "Beirut Antioxidants 2017"; Saint Joseph University, Beirut, Lebanon, 2017.
- Doumit J. and Nasser R. "Nutrient deficiencies in elderly residing in Lebanese long term care institutions", 4th international conference: elderly care, Lebanese International University (LIU), Beirut, Lebanon, 2016.
- Doumit J., Nasser R., and Hanna D. "Risk factors associated with malnutrition among elderly living in Lebanese community homes"; 9th International Academy on Nutrition and Aging conference, New Mexico, USA, 2014.
- Nasser R. Doumit J. & Carifio J. "Belief in a Just World and Depression in Elderly Nursing Home Residents", 1st International Congress on Controversies in Longevity, Health and Aging (CoLONGY), Barcelona, Spain, 2010.
- Doumit J., Nasser R. "Quality of Life and Wellbeing of the Elderly in Lebanese Nursing Homes"; Second Middle East Congress on Age & Ageing & Alzheimer's, Tripoli, Lebanon, 2009.

Specialized Reports

- Doumit J. & Nasser R. Phase I - Assessment of Elderly Nursing Homes: Creation of a Sustainable and Intelligible Elderly Health Care Program in Lebanon". World Health Organization, local office Lebanon. 2008.
- Doumit J. & Nasser R. Developing Elderly Home Assessment Criteria: Tasks and Prospective". World Health Organization, local office Lebanon. 2008.

Books

- Nasser R. & Doumit J. (2020). Elderly Care: Current Issues and Challenges. Sean M. Eckstein, ISBN: 978-1-53618-446-4. Nova medicine and Health.

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<https://www.ndu.edu.lb/Library/Assets/Files/Documents/NDUFacultyProfiles/NDUFacultyCVs/Jacqueline%20Doumit.pdf>