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PROFESSIONAL EXPERIENCE

- 2022-present: Assistant Professor, Medical Laboratory Technology department, Faculty of Health Sciences. Beirut Arab University (BAU), Beirut, Lebanon.
- 2015-2021: Part-time Assistant Professor, Nursing and Medical Laboratory departments, Faculty of Health Sciences. University of Balamand (UoB), Achrafieh / Souk El Gharb, Lebanon.
- 2008-2012: Junior Lecturer, Faculty of Sciences. Université Denis Diderot, Paris, France

EDUCATION

- 2008-2012: PhD in Physiology and Pathophysiology (with honors), Université Denis Diderot, Paris, France.
- 2007-2008: MSc in Nutrition, Metabolism and Cell signaling, Université Denis Diderot, Paris, France.
- 2006-2007: Master 1 in Infectiology, Microbiology, Virology and Immunology (IMVI), Université Denis Diderot, Paris, France. Erasmus student at Cell Biology Institute, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland.
- 2003-2006: BS in Life Sciences. Université Saint Joseph (USJ), Beirut, Lebanon.

PUBLICATIONS

1. Saleh, S., & **Chedid, P.** (2025). Knowledge, attitude and practice toward childhood immunization among mothers in Lebanon. *PLOS ONE*, 20(5), e0322205.
2. **Chedid, P.**, Salem-Sokhn, E., El Shamieh, S., & Fakhoury, R. (2025). Prevalence and progression of vitamin D deficiency in Greater Beirut and Mount Lebanon from 2013 to 2022: An analysis of 19,452 adults. *Journal of Clinical Laboratory Analysis*, 39(8), e70023.
3. **Chedid, P.**, & Sokhn, E. S. (2023). Prevalence of type 2 diabetes (T2D) in Lebanon: Association with inflammatory and infectious clinical markers. *BMC Public Health*, 23(1), 2523.
4. Nassif, R. M., Chalhoub, E., **Chedid, P.**, Hurtado-Nedelec, M., Raya, E., Dang, P. M., Marie, J. C., & El-Benna, J. (2022). Metformin inhibits ROS production by human M2 macrophages via the activation of AMPK. *Biomedicine*, 10(2), 319.
5. **Chedid, P.**, Salami, A., Ibrahim, M., Visvikis-Siest, S., & El Shamieh, S. (2022). The association of vascular endothelial growth factor-related SNPs and circulating iron levels might depend on body mass index. *Frontiers in Bioscience (Landmark Edition)*, 27(1), 27.
6. El Shamieh, S., Salami, A., Stathopoulou, M. G., **Chedid, P.**, & Visvikis-Siest, S. (2020). Increased risk of hypercholesterolemia in a French and Lebanese population due to an interaction between rs2569190 in CD14 and gender. *Clinica Chimica Acta*, 509, 172–176.
7. El Shamieh, S., Stathopoulou, M. G., Bonnefond, A., Ndiaye, N. C., Lecoœur, C., Meyre, D., Dadé, S., **Chedid, P.**, Salami, A., Shahabi, P., Dedoussis, G. V., Froguel, P., & Visvikis-Siest, S. (2020). Obesity status modifies the association between rs7556897T>C in the intergenic region SLC19A3–

- CCL20 and blood pressure in French children. *Clinical Chemistry and Laboratory Medicine*, 58(11), 1819–1827.
8. **Chedid, P.**, Salami, A., & El Shamieh, S. (2020). The association of rs1898830 in Toll-like receptor 2 with lipids and blood pressure. *Journal of Cardiovascular Development and Disease*, 7(3), 24.
 9. **Chedid, P.**, Nasser, M., Salami, A., Khalifeh, M., El Shamieh, S., & Joumaa, W. H. (2018). Dataset on significant role of candesartan on cognitive functions in rats having memory impairment induced by electromagnetic waves. *Data in Brief*, 21, 2390–2394.
 10. Ghssein, G., Salami, A., Salloum, L., **Chedid, P.**, Joumaa, W. H., & Fakih, H. (2018). Surveillance study of acute gastroenteritis etiologies in hospitalized children in South Lebanon (SAGE study). *Pediatric Gastroenterology, Hepatology & Nutrition*, 21(3), 176–183.
 11. **Chedid, P.**, Boussetta, T., Dang, P. M., Belambri, S. A., Marzaioli, V., Fasseau, M., Walker, F., Couvineau, A., El-Benna, J., & Marie, J. C. (2017). Vasoactive intestinal peptide dampens formyl-peptide-induced ROS production and inflammation by targeting a MAPK–p47phox phosphorylation pathway in monocytes. *Mucosal Immunology*, 10(2), 332–340.
 12. **Chedid, P.**, Hurtado-Nedelec, M., Marion-Gaber, B., Bournier, O., Hayem, G., Gougerot-Pocidalo, M. A., Frystyk, J., Flyvbjerg, A., El-Benna, J., & Marie, J. C. (2012). Adiponectin and its globular fragment differentially modulate the oxidative burst of primary human phagocytes. *American Journal of Pathology*, 180(2), 682–692.
 13. Krimi, R. B., Letteron, P., **Chedid, P.**, Nazaret, C., Ducroc, R., & Marie, J. C. (2009). Resistin-like molecule beta inhibits SGLT-1 activity and enhances GLUT2-dependent jejunal glucose transport. *Diabetes*, 58(9), 2032–2038.

GRANTS

- 2025: BAU Intramural Grant Awardees – (6.8K\$ over 1 year).
- 2018-2020: Grant-Research Program (GRP) from CNRS-L / UoB – (25K\$ over 2 years).
- 2018-2019: Research Grant from Agence Universitaire de la Francophonie (AUF) – (6K\$ over 2 years).
- 2008-2012: PhD and Junior Lecturer Grant from French Government.

SELECTED CONFERENCES

Poster presentations

- 2023: European Society for Clinical Investigation (ESCI) – Prague, Czech Republic.

Oral presentations

- 2018: LAAS International Science Conference – University of Balamand, Al Kurah, Lebanon.
- 2017: European Society for Clinical Investigation (ESCI) – Genoa, Italy.
- 2011: International conference on NADPH oxidases – Grenoble, France.
- 2010: European Society for Clinical Investigation (ESCI), Phagocyte Biology – Bari, Italy.

PEER REVIEW ACTIVITY

- 2025: PLOS One
- 2024: BMC Research Notes
- 2023: American Journal of Infection Control (AJIC)
- 2018: Clinical and Experimental Immunology

SUPERVISION OF GRADUATE STUDENTS

Master's Thesis:

- 2026: Epidemiological and Immunogenomic Characterization of Breast Cancer in Lebanon. Ms. Naamaa Al Khatib, Master Degree in Microbiology and Immunology, Beirut Arab University (BAU).
Oxidative Stress Assessment in Bacteremia Patients in Lebanon. Ms. Farah Al Hajj, Master Degree in Microbiology and Immunology, Beirut Arab University (BAU).
Characterization of pks+ Escherichia coli Isolates from Urinary Samples of Lebanese Patients. Ms. Nour Abed Ali, Master Degree in Microbiology and Immunology, Beirut Arab University (BAU).
- 2025: The status of oxidative stress and its association with urinary tract infections (UTI) in diabetic patients. M. Jounaid Fatairi, Master Degree in Microbiology and Immunology, Beirut Arab University (BAU).
- 2023: Maternal knowledge, attitude and practice about childhood immunization among Lebanese mothers. Mrs. Sarah Saleh, Master Degree in Infection Prevention and Control, Beirut Arab University (BAU).
- 2020: Participation of dysbiosis in Irritable Bowel Syndrome (IBS) via the modulation of the intestinal epithelial barrier: regulation of ROS production, zonulin and NOX enzymes expression. M. Roudy Abou Jreich, Master Degree in Clinical Laboratory Science- Infectious Disease and Immunology, Balamand University (UoB).
- 2019: Regulation of NADPH oxidase 2 (NOX2) by AMP-activated kinase in M2-type macrophages. Mrs Elia Raya, Master Degree in Clinical Laboratory Science- Infectious Disease and Immunology, Balamand University (UoB).

ACADEMIC JURY MEMBER

Master's Thesis:

- 2026: Enterococcus spp. as Emerging Pathogens in Wound Infections: Prevalence, Vancomycin Resistance, Risk Factors and Clinical Outcomes in a Tertiary Care Hospital in Lebanon. Ms. Fatima Al Zahraa Olabi. Faculty of Health Sciences, Beirut Arab University (BAU).
Prevalence of Urinary Tract Infection and Antimicrobial Resistance Pattern among Paediatrics in South Lebanon: A Cross-Sectional Study. Ms. Mona Wehbe. Faculty of Health Sciences, Beirut Arab University (BAU).
- 2025: Impact of Dysregulated Cancer Cell Metabolism on $\gamma\delta$ T Cell Functions and their Use in Cell Therapy. Ms. Marguerite Estephan. Faculty of Health Sciences, Beirut Arab University (BAU).
Microbiological and Chlorine Assessment of Drinking Water Quality in Lebanese Households. Ms. Shaza Ayoubi. Faculty of Health Sciences, Beirut Arab University (BAU).
- 2024: Targeting Iron Homeostasis as a Therapeutic Strategy in Multiple Myeloma. Mr. Majd Abou Ghader. Faculty of Health Sciences, Beirut Arab University (BAU).
- 2023: The Efficacy of Electrolyzed Water Disinfectant on Various Bacterial Strains. Ms. Khayriya Kojok. Faculty of Health Sciences, Beirut Arab University (BAU).
- 2023: High prevalence and molecular characterization of Extended-Spectrum Beta-Lactamases Producing Enterobacteriaceae associated with wound infections in North Lebanon. Ms. Afnan Mozhar Hamwi. Faculty of Health Sciences, Beirut Arab University (BAU).

- 2023: Assessment of Rotavirus vaccines (RotaTeg and Rotarix) in prevention the of Rotavirus gastroenteritis among infants and children less than 5 years in Bekaa. Ms. Wedad Yassin. Faculty of Health Sciences, Beirut Arab University (BAU).
- 2023: Prevalence and Antibioresistance Profile of Different Uropathogens Among Lebanese Hospitalized Patients. Ms. Alaa Farhat. Faculty of Health Sciences, Beirut Arab University (BAU).
- 2018: Regulation of NADPH oxidase 2 (NOX2) by adenosine monophosphate-activated kinase (AMPK) in M2- type macrophages. Elia Raya. Faculty of Health Sciences, University of Balamand (UoB).
- 2018: Vitamin E decreases aphidicolin and hydrogen peroxide-induced DNA breakages at the lymphocytic fragile site FRA16D. Catiana El Kharef. Faculty of Sciences, University of Balamand (UoB).

TEACHING ACTIVITIES

Undergraduate & Graduates courses

- Biochemistry
- Basic Biology
- Clinical seminar
- Physiology
- Pathophysiology
- Biotechnology
- Nutrition Genetics
- Seminars in Specialized topics
- Biomedical Laboratory Techniques
- Fundamentals of Human Health

COMMITTEES

- 2025-Present: Board Secretary of the Francophone Network of Women Leaders in Higher Education and Research (RESUFF)
- 2024-Present: Chair of the Community Committee, Faculty of Health Sciences, Beirut Arab University, Beirut Lebanon.
- 2022-Present: Member of the Students' activities committee, Faculty of Health Sciences Beirut Arab University, Beirut Lebanon.

LANGUAGES

- French: Native
- English: Full professional proficiency
- Arabic: Fluent