



Salim MOUSSA

Work : Beirut, Lebanon

Email: s.moussa@bau.edu.lb **Phone:** (+961) 01300110

Gender: Male **Date of birth:** 01/09/1984 **Nationality:** Lebanese

WORK EXPERIENCE

Beirut Arab University

City: Beirut | **Country:** Lebanon

[2026 – Current] **Associate Professor-Cancer Immunology**

Beirut Arab University <https://www.bau.edu.lb/>

City: Beirut | **Country:** Lebanon

[2017 – 2026] **Assistant Professor-Full time**

- Teaching courses in Bio-Health
- Conducting research projects in cancer and immunity
- Supervising Master's students' theses
- Developing national and international collaborations in teaching and research

Lebanese American University

City: Beirut | **Country:** Lebanon

[2015 – 2016] **Postdoc in Cancer Research**

Lebanese American University

City: Beirut | **Country:** Lebanon

[2015 – 2016] **Assistant Professor-Part time**

Beirut Arab University

City: Beirut | **Country:** Lebanon

[2016] **Assistant Professor-Part time**

University of Montpellier

City: Montpellier | **Country:** France

[2011 – 2012] **Lecturer**

HONOURS AND AWARDS

[07/03/2024] **High Level Scientific Stay (SSHN) scholarship program-Research mobility to France (One month)**

Awarding institution: French embassy in Lebanon

I joined the Cancer and Immunity team of Dr. Nathalie Bonnefoy at the Institut de Recherche en Cancerologie de Montpellier (IRCM) from May 14 to June 14, 2024 to carry out a research activity on the project entitled "Understanding the regulatory $\gamma\delta$ T cell ecosystem in breast and ovarian cancers to reinforce anti-cancer therapies". I learned two of the world's most advanced and innovative technologies: the Hyperion Imaging System,

which allows high multiplexing of up to 35 markers simultaneously on a tissue section, and the Xenium, which enables spatial transcriptomic analysis.

[17/02/2024] **Best abstract award Awarding institution:** American University of Beirut

This award was obtained during my participation to the Beirut breast cancer conference-12th edition.

PUBLICATIONS

- [2026] [**Sodium butyrate activity in colorectal cancer under hypoxia: a potential role for Carbonic Anhydrase IX**](#)
Authors: Alayssami Haifa, Hachim Mahmood, Senok Abiola, *Moussa Salim | **Journal Name:** Asian Pacific Journal of Cancer Prevention | **Volume, Issue and Pages:** Vol. 27 Issue June 6, 2026 | **Publisher:** Asian Pacific Organization for Cancer Prevention
- [2026] [**Assessing the use of anti-PD-1/PD-L1 cancer therapies in the Middle-Eastern Country of Lebanon: a single-center study**](#)
Authors: Reem El Hindi and *Salim Moussa | **Journal Name:** Gulf Journal of Oncology | **Volume, Issue and Pages:** G. J. O. Issue 50, 2026 | **Publisher:** Gulf Federation For Cancer Control
- [2026] [**Awareness towards Cancer Attributable to Infections \(CAI\): A Lebanese study with a special focus on young adults, and adults**](#)
Authors: Farah El Zeineh, *Salim Moussa | **Journal Name:** Journal of Preventive Medicine and Hygiene | **Volume, Issue and Pages:** Vol. 66 No. 4 (2025), E554-E610 | **Publisher:** Pacini Editore Srl
- [2025] [**Cancer Stem Cell and Tumor Immune Microenvironment \(TIME\): Dangerous Crosstalk**](#)
Reference: Moussa S. Cancer Stem Cell and Tumor Immune Microenvironment (TIME): Dangerous Crosstalk. Curr Mol Med. 2025 Jan 7.
Authors: Salim Moussa | **Journal Name:** Current Molecular Medicine | **Volume, Issue and Pages:** Vol. 25, No. 10, 2025. | **Publisher:** Bentham Science
- [2023] [**Autoantibodies, clinical phenotypes and quality of life in Lebanese patients with myasthenia gravis**](#)
Authors: Baalbaki Jihane, Agha Mohammad, Jaafar Nisrine, Yamout, Bassem, *Moussa Salim | **Journal Name:** Intractable & Rare Diseases Research | **Volume, Issue and Pages:** 2023 Volume 12 Issue 2 Pages 122-125 | **Publisher:** International Research and Cooperation Association for Bio & Socio-Sciences Advancement
- [2021] [**Assessment of nurses' knowledge and care practices for infection prevention in neutropenic patients in Bekaa, Lebanon: A descriptive cross-sectional design**](#)
Authors: Mortada Mona and *Moussa Salim | **Journal Name:** BAU Journal - Health and Wellbeing | **Volume, Issue and Pages:** 2021-Vol 4-Issue.1
- [2021] [**Immune response to COVID-19 infection: a double-edged sword**](#)
Authors: Saad Niorma and *Moussa Salim | **Journal Name:** Immunological Medicine | **Volume, Issue and Pages:** 2021 Jan 14:1-10. | **Publisher:** Taylor & Francis
- [2020] [**Detection of PIK3R1 \(L449S\) Mutation in a Patient with Ovarian Cancer: A Case Report**](#)
Authors: *Moussa Salim, Saleh Fatima, El Shamieh Said, Assi Tarek, Othman A, Farhat Fadi | **Journal Name:** Case Reports in Oncology | **Volume, Issue and Pages:** 2020 Feb 20;13(1):188-192. | **Publisher:** Karger
- [2020] [**Assessment of healthcare waste management in hospitals of South Lebanon**](#)

[2020] [Effectiveness of a health education intervention about influenza and vaccine in secondary schools in South Lebanon](#)

Authors: Assaf Israa and *Moussa Salim | **Journal Name:** BAU Journal - Health and Wellbeing | **Volume, Issue and Pages:** 2020. Vol. 2: Iss. 2

[2018] [RICTOR gene amplification is correlated with metastasis and therapeutic resistance in triple-negative breast cancer](#)

Authors: El Shamieh Said., Saleh Fatima., *MoussaSalim., Kattan Joseph., and Farhat Fadi. | **Journal Name:** Pharmacogenomics | **Volume, Issue and Pages:** Volume 19, 2018 - Issue 9 | **Publisher:** Taylor & Francis

CONFERENCES AND SEMINARS

[23/06/2026] **T Cell Fate in Cancer** French Society for Cancer Immunotherapy (Online)

[17/04/2026 – 18/04/2026] **The Middle East and North Africa Immuno-Oncology Forum - MIOF VII** American University of Beirut

[31/03/2026] **Circulating tumor cells and DNA-French Society For Cancer Immunotherapy** Paris-Online

[30/03/2026] **Menin inhibitors in Acute Myeloid Leukemia** Webinar-organized by the International Academy for Clinical Hematology (IACH)

[05/12/2025] **Innovations and perspectives in immune-oncology** Webinar-organized by the French Society for cancer immuno-therapy

[06/11/2025] **Consideration for Use of different Mouse CD8+ T Cell Activators** Webinar-organized by the STEMCELL Technologies

[31/10/2025 – 01/11/2025] **GI Oncology MENA Summit** Beirut

[05/06/2025] **The AI for Global Health innovation** Beirut

[22/05/2025 – 23/05/2025] **Oncology, Immunology, and Cancer Biology** Hadath

[17/04/2025] **'Blocking p38 MAPK pathway to overcome chemoresistance of acute myeloid leukemia stem cells**
King Abdullah International Medical Research Center-Online

[20/02/2025 – 21/02/2025] **5th Forum for Women in Research “QUWA: Together Innovating to Shape the Future”.**
UAE

[31/01/2025] **‘Where to publish’** Beirut Arab University

[17/01/2025] **Interface tumeur-stroma: régulation de la réponse immunitaire et de la réponse à l'immunothérapie**
Webinar-Le groupe Recherche et Formation de la Société Française d'Immunothérapie du Cancer (FITC)

[12/12/2024] **Erasmus+ Cooperation Opportunities in Higher Education: ICM , EM and E+VE**
Lebanon

- [21/11/2024] **HECD (Knowledge Sharing Session (Accreditation, Fundraising, Grant Management))**
Lebanon
- [17/05/2024] **Characterization and potential applications of the cell-free DNA released by organoids derived from colorectal cancer patients**
Montpellier
- [17/05/2024] **Targeting mTORC2-dependent metabolic vulnerabilities in lung cancer** Montpellier
- [20/03/2024 – 22/03/2024] **Cancer and Immunology Symposium, Nantes, France** Nantes
Abstract accepted.
- [15/12/2023 – 17/12/2023] **Emirates Surgical Pathology Conference** UAE
- [21/11/2023 – 22/11/2023] **UAE Microbiome** UAE
- [06/10/2023 – 07/10/2023] **4th Biennial Middle East Neuro-oncology Conference** Lebanon
- [27/06/2023] **8th Annual Clinical Outcome Assessment in Cancer Clinical Trials Workshop**
The U.S. Food and Drug Administration (FDA) Oncology Center of Excellence (OCE) Patient-Online
- [24/03/2023] **A Deep Dive into TCR discovery - Exploring the Diverse Repertoire of TCRs for Precision Medicine**
Adrigen-Online
- [25/11/2022] **The Future of Health Professional Education** Beirut Arab University
- [05/11/2022] **The 4th Middle East & North Africa Immuno-Oncology Forum-MIOF** Lebanon-American University of Beirut
- [03/06/2022] **The conference “Modern aspect of morphology, pathomorphology, and oncopathology of human organism**
Kursk State Medical University-Russia (Online)
- [25/02/2022] **Cancer Cells Impair T Cell Metabolism-STEM Cell Technologies series** Online
- [16/09/2021] **3rd Annual Middle East Neuro-Oncology Conference**
- [02/2021] **Transforming the university in time of crisis** Lebanon-AUF
- [2021] **The COVID-19 pandemic on the Lebanese setting, the implication on health & wellbeing**
Lebanon-Beirut Arab University
- [2021] **The Cancer Prevention and Control redefined amid COVID-19 Virtual Meeting**
Lebanon-American University of Beirut
- [21/10/2020] **A systems-level approach to understanding the immunology of COVID-19 in adults and children**
- [07/2020] **Blended Learning Webinar** the Centre for Research in Digital Education at the British University in Dubai.
- [04/2020] **Myasthenia Gravis Foundation of America 2020 Virtual Conference**
- [07/02/2019 – 07/02/2019] **7th Annual Beirut Breast Cancer** Beirut

- [14/11/2018] **Introduction to Intellectual Property** Beirut Arab University
- [14/05/2018] **Stem cells from Bench to bedside** Beirut Arab University
- [20/04/2018 – 21/04/2018] **The 2nd LAU Interprofessional Education Conference** Beirut
- [13/04/2018] **HLA Typing by NGS and Beyond** Beirut Arab University
- [23/02/2018] **Team Based Learning and medical education** Beirut Arab University
- [08/02/2018 – 10/02/2018] **6th Annual Beirut Breast Cancer Conference** Beirut
- [2018] **1st Annual Middle East Neuro-Oncology Conference**
- [20/11/2017] **Health Awareness for a Better Future – Women and Diabetes** Beirut Arab University
- [13/11/2017] **The PRIMISPOT project launching ceremony** The Holo Spirit University of Kaslik
- [27/10/2017] **From Sanger to Next Generation Sequencing: The Lebanese Experience in Cardiovascular Research**
Beirut Arab University
- [20/10/2017] **Stem cell in 3D** Beirut Arab University
- [14/10/2017] **The 11th regional meeting of the Lebanese society of hematology and blood transfusion**
Beirut
- [29/09/2017] **Role of transcriptional programs in neural differentiation and connectivity** Beirut Arab University
- [07/2014] **9th Forum of the Federation of European Neuroscience Society** Milan, Italy
- [05/2011] **10th Annual meeting of the French Neuroscience Society** Marseille, France
- [11/2010] **40th Annual meeting of the Society for Neuroscience** San Diego, CA, USA
- [07/2010] **7th Forum of the Federation of European Neuroscience Society** Amsterdam, Holland

OTHER POSITIONS

- [01/01/2026 – Current] **Secretary general-Institutional Review Board-Beirut Arab University**
- [01/09/2025 – Current] **Member of the Research Committee at the faculty of health sciences-Beirut Arab University**
- [07/06/2025 – Current] **Member of the French Society for Cancer Immunotherapy FITC**
- [01/04/2024 – Current] **Head of the cancer and immunology laboratory**
- [01/09/2023 – Current] **Member of the library committee-Beirut Arab University**
- [2021 – Current] **Review Editor: Front. Public Health - Public Health Policy**
- [2017 – Current] **IRB Member-Beirut Arab University**

[01/09/2024 – 31/08/2025]	Member of the quality assurance committee-Faculty of health sciences-Beirut Arab University
[2023 – 31/08/2025]	Students affairs committee member-Beirut Arab University
[2020 – 31/08/2025]	Academic coordinator-Undergraduate programs
[01/09/2018 – 31/08/2020]	Faculty Council Secretary

MANAGEMENT AND LEADERSHIP SKILLS

Management and establishment of international projects

-Establishment of international research internships for Master students with French and Arab institutions.

1. Institut de Recherche sur le Cancer et le Vieillissement de Nice (IRCAN/CNRS) (1/6/2026-31/7/2026)
2. Institute for Research in Cancer of Montpellier (20/1/2025-18/7/2025)
3. Institute for Human Genetics (1/2024-6/2024)
4. Mohammad Ben Rachid University, UAE (2022-2023)
5. Institute for Regenerative Medicine and Biotherapies (1/3/2021-31/8/2021)

-Establishment of research agreement with Institute for Human Genetics in Montpellier, France (2023-2024).

Management and establishment of international conferences

Organizing and management of e-conferences in collaboration with French institutions.

1. Webinar 'Cancer and Immunity'-4th Edition (April 2026)
2. Webinar 'Cancer and Immunity'-3rd Edition (April 2025)
3. Webinar: Alpha Fold: accurate protein structure prediction using artificial intelligence (AI)-(February 2024)
4. Webinar 'Cancer and Immunity'-2nd Edition (November 2023)
5. Webinar series: Statistics in Biomedical Research (November 2023)
6. Webinar 'Cancer and Immunity'-1st Edition (November 2022)
7. E-conference: Emerging concepts & ethical challenges (October 2022)

Organizing a national seminar: The Digital Shift in Health Sciences Education: Rethinking Library Support (November 2025)

Management of Coursera courses

From February to May 2022, I was coordinating courses on Coursera for both staff and students.

Management of Learning Management System (LMS) platforms and programs

- From 2018 to date, I've been managing the creation and editing of courses on Moodle for the staff of the Faculty of Health Sciences at the Beirut Arab University.
- I delivered one-on-one training sessions for all faculty members on how to create Moodle courses and use Camtasia program for a professional lecture video in 2018 and 2019.

[2020 – 2022] **Management of the Institutional Review Board during COVID-19 pandemic**

Management of students events

- Organizing a training session of trainees for senior students towards colorectal cancer awareness in collaboration with the SAID NGO in 2025.
- Delivering a training on ethics of research during Empowerment in research workshop for postgraduate students in 2025.
- Engaging students in national and international competition. E.g., Master students participation in Best Research Work Award at the 5th Forum for Women in Research 2025, University of Sharjah.
- Internationalization of Master courses by intergrating international speakers from Institute of Human Genetics and Institute for Cancer Research in Montpellier, France to deliver some topics in 2024 and 2025.
- Delivering orientation session for new students in 2024.
- Organizing scientific trip to learn about Bone marrow transplant and flow cytometry at Reviva medical center, MEIH Hospital in 2019.
- Support students in participating in national exhibition on cancer, the cancer awareness village in 2019.
- Representative of the faculty of health sciences at the postgraduate open house in 2018-2019.
- Representative of the faculty of health sciences at the Educational exhibition at BIEL in 2018.
- Organizing an educational booth at the breast cancer awareness campaign organized by the Ministry of public health in 2018 (all years students).

EDUCATION

[01/01/2014 – 31/08/2014]

University Diploma in Clinical Research

University of Montpellier-School of Medicine-France

Link: <https://du-diu-facmedecine.umontpellier.fr/diplome-formation-a-la-recherche-clinique-48>

[01/09/2009 – 31/12/2013]

PhD in Bio-Health

University of Montpellier-France

Thesis title: Study of the transcriptional programs involved in the development of somatosensory neurons and their state after axotomy

Supervisor: Dr. Patrick Carroll

Area: Bio-Health

Doctoral school of Chemical and Biological Sciences for Health

Link: <https://www.umontpellier.fr/>

[01/09/2008 – 31/08/2009]

Master in Bio-Health

University of Montpellier-France

Link: <https://www.umontpellier.fr/>

[01/09/2002 – 31/08/2006]

Bachelor of Science in Biology

Lebanese University-Lebanon

Link: <https://ul.edu.lb/en/colleges-faculties-details/311/Faculty-of-Science>

TRAINING

- [25/05/2025 – 27/08/2025] **Communication and Presentation Skills for Academic Excellence**
Beirut Arab University-Lebanon
- [03/06/2025] **Know Yourself: Understanding and Handling Different Behaviour Styles**
Beirut Arab University-Lebanon
- [24/06/2024 – 24/06/2025] **Working with the Institutional Animal Care and Use Committee (IACUC)**
Collaborative Institutional Training Initiative (CITI)-Online Training
Link: <https://www.citiprogram.org/verify/?wc4f166bd-04b7-41bd-8e1f-fd95cca2b1b2-62005798>
- [03/08/2023 – 03/08/2024] **Human Subjects Research - IRB Member- Biomedical and Social-Behavioral-Educational Combined**
Collaborative Institutional Completion Initiative (CITI)-Online Training
Link: <https://www.citiprogram.org/verify/?wde4061ff-4142-4136-80b0-bd586dc1ce45-56543858>
- [15/05/2022 – 19/05/2022] **Molecular Biology Techniques and Radioactive Isotopes in Determining Genes Mutations Related to Cancer**
Arab Atomic Energy Agency-Cairo-Egypt
- [08/02/2022 – 02/03/2022] **Precision Medicine**
University of Geneva-Online Course
Link: <https://www.coursera.org/account/accomplishments/verify/XSFQTRDKW2TF>
- [01/05/2019 – 06/12/2019] **Proposal Writing for Research Grants**
University of Cologne-Germany/DAADLebanon
Link: <https://www.daad.de/en/>
- [09/07/2019 – 11/07/2019] **Biorisk Management and the Shipping of Infectious substances and biological specimens Middle East Scientific Institute for Security (MESIS)**
Princess Haya Biotechnology Center (PHBC) in Irbid – Jordan
- [12/03/2019 – 13/03/2019] **SPSS-Workshop**
Beirut Arab University-Leabnon
- [01/10/2018 – 05/10/2018] **Moodle Course Creator**
Middle East Moodle/Beirut Arab Univerity-Lebanon
- [20/05/2018] **Teaching Threshold Concepts and Recognizing Cognitive Overload: Evaluating Academic Practice on Our Taught Programs**
University of Roehampton/Beirut Arab University
- [01/06/2010 – 30/06/2010] **Animal Experimentation Level-II (France)**
University Institute for Technology (IUT)-Montpellier-France

TECHNICAL EXPERTISE

Molecular and Cellular Imaging (Microscopy)

ISH/IHC/High Multiplexing proteomic and transcriptomic

In vitro/In vivo experiments

Clinical Research

Serology and Tissue Biopsies Handling

Molecular Biology Techniques (PCR, RT-PCR etc.)

Immunoscore