

Curriculum vitae

Salah Edin EL Meshri

**Biotechnology
Research Center,
Tripoli Libya**

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Gender: Male
Nationality: Libyan
Date of Birth: 28th October, 1976
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Address: Souqe Eljoma Tripoli-Libya
Fluent Languages: English, French, Arabic



TECHNICAL EXPERTISE:

Molecular biology practices including primer design, cloning, protein over expression and purification from bacterial strains using chromatography.

Biochemical techniques like co-immunoprecipitation assays, Western Blotting, Immunofluorescence, apoptotic assay, electroporation and worked with *in vitro* human cell lines like Hela cells and 293T cells, worked on production of **pseudo-viruses**.

Techniques like Fluorescence spectroscopy, Fluorescence life-time imaging (FLIM), UV-visible spectroscopy, Confocal microscopy, etc.

Knowledge about software like Pymol, SPC Image J, Origin, fuji image j, etc.

SOFT SKILLS:

- Ensuring completion of projects on time and meeting deadlines.
- Capable of working efficiently in a multicultural team.
- Good oral presentation and interpersonal skills
- Fast learner and can easily adapt to new situations
- Proficient in working with MS Office Windows
- Proven leadership qualities, experience working with students and trainees during my PhD.

PROFESSIONAL QUALIFICATIONS & PROJECTS:

2011- 2015:

- ❖ **Ph.D (Life Sciences: Virology: molecular and medical aspects)** from Faculty of Pharmacy, Laboratory of Biophotonics and Pharmacology UMR 7213 CNRS, University of Strasbourg, Strasbourg, France, completed in June,2015. Project: *The intracellular trafficking of HIV-1 Gag protein and the role of its NCp7 domain*

2006-2008:

- ❖ **M.Sc. (Microbiology) from EURAMA, France.**
Project 1: *Characterization of Lactic acid by using Rep PCR (Jan, 2008– July, 2008).*

1999- 2000:

- ❖ **B.Sc. (Veterinary medicine) from Tripoli-Libya University.**

Current Job:

- ❖ Vice-Director General of Biotechnology Research Center 10.08.2021

PROFESSIONAL EXPERIENCE:

- ❖ Member Joint Committee for Combating COVID-19 Between Biotechnology Research Center and National Center for Disease Control And Subcommittee for Preparing Laboratory needs for COVID-19 diagnosis in Libya. 13.10.2021
- ❖ Acting Director General of Biotechnology Research Center. 11.03.2021-30.07.2021
- ❖ Member of committee for monitoring and controlling laboratory diagnostics for COVID-19 by the ministry of health .June.2020-April 2021
- ❖ Member of Technical committee for private laboratories by the Presidency Council. 13.12.2020-30.04 2021
- ❖ Vice-Chairman of a committee to work to help detect the Coronavirus with the competent authorities 03/2020.
- ❖ Head of the Continuing Education Committee at the Biotechnology Research Center 12/2019.
- ❖ Chairman of the Committee re-agreement between the Biotechnology Research Center and the Faculty of Veterinary Medicine at the University of Tripoli 12/2019.
- ❖ Member of the Preparatory Committee for the Seventh Biotechnology Conference 2020 since 12/2019.
- ❖ Head of Microbiology Department since 11/2019.
- ❖ Biotechnology Research Center (Tripoli- Libya). Associated researcher at the Department of Microbiology 2017.
- ❖ Private Veterinary Clinic, Tripoli - Libya 1999 until 2002.
- ❖ Biotechnology Research Center (Tajoura - Libya). Associated researcher at the Department of Microbiology & Haematology, 2002.
- ❖ Dealt with goat hybridization research program.

SCIENTIFIC PUBLICATIONS:

1. Inas Alhudiri, Ahmad M. Ramadan, Khaled M Ibrahim, Mouna Eljilani, Adel Abdalla Aboud, Mohamed Ali Salem, Hajer Mohamed Elgheriani, Salah Eldin El Meshri, And Adam Elzagheid. Whole-genome sequencing of SARS-COV-2 reveals a substantially lower frequency of the UK variant than previously announced in Libya. MedRxiv 2021:2021.07.03.21257942. <https://doi.org/10.1101/2021.07.03.21257942>.
2. Zakarya Abusrewil, Inas M. Alhudiri, Hamza H. Kaal, **Salah Eldin El Meshri**, Fawzi O. Ebrahim, Tarek Dalyoum, Abdussamee A. Eferfer, Khaled Ibrahim, Mohammed B. Elfgi, Suleiman Abusrewil, and Adam Elzagheid. Time scale performance of rapid antigen testing for SARS-CoV-2: Evaluation of 10 rapid antigen assays. J Med Virol. 2021 Jul 28; 10.1002/jmv.27186.

3. Inas Alhudiri, Ahmad M. Ramadan, Khaled M Ibrahim, Adel Abdalla Aboud, **Salah Eldin El Meshri**, Fawzi O. Ebrahim, et al. Whole genome characterization of SARS-CoV-2 in Libya.
4. Inas M Alhudiri, Fawzi O Ebrahim, Ahmed Sassi, **Salah Edin El Meshri**, Abdulmunam A Fellah, Ammar K Aslougi, Adel M Elmaghrabi, Dhastagir Sheriff, Adam I Elzagheid. Overview of Epidemiology, Pathogenesis and Clinical Aspects of COVID-19: A Libyan Perspective Overview of Epidemiology, Pathogenesis and Clinical Aspects of COVID-19: A Libyan Perspective. July 2020. IOSR Journal of Dental and Medical Sciences. DOI:10.9790/0853-1907012841
5. Fawzi O. Ebrahim , Abdul M. Abolayha, Adam A. Elzagheid, Fadella Abosrer, **El Meshri Salah Edin**. Isolation of Primary Mice Splenocytes For In Vitro Research. AJVS. Vol. 64 (2): 9-12. Jan 2020 DOI: 10.5455/ajvs.82519.
6. **Salah Edin El Meshri**, Emmanuel outant, Assia Mouhand, Audrey Thomas, Valérie Larue, Ludovic Richert, Valérie Vivet-Boudou, Yves Mély, Carine Tisné, Delphine Muriaux, Hugues de Rocquigny. The NC domain of HIV-1 Gag contributes to the interaction of Gag with TSG101. Biochim Biophys Acta. 1862 (6) : 1421-1431.doi: 10.1016.
7. **Salah Edin El Meshri**, Denis Dujardin, Julien Godet, Ludovic Richert, Christian Boudier, Jean Luc Darlix, Pascal Didier, Yves Mély and Hugues de Rocquigny. Role of the Nucleocapsid Domain in HIV-1Gag Oligomerization and Trafficking to the Plasma Membrane: A Fluorescence Lifetime Imaging Microscopy Investigation. J Mol Biol, Jan 30. 10.1016/j.jmb.2015.01.015.
8. Mounira Krifa, **Salah Edin El Meshri**, Nawel Bentouati, Antonio Pizzi, Emilie Sick, Leila Chekir-Ghedira, and Philippe Ronde. In Vitro and In Vivo Anti-Melanoma Effects of *Pituranthos tortuosus* Essential Oil via Inhibition of FAK and Src Activities. J Cell Biochem. 2015 Oct 8. doi: 10.1002/jcb.25400.
9. Mounira Krifa, Hala El Mekdad, Nawel Bentouati, Antonio Pizzi, Kamel Ghedira, Mohamed Hammami, **Salah Edin El Meshri**, Leila Chekir-Ghedira. Immunomodulatory and anticancer effects of *Pituranthos tortuosus* essential oil. Tumor Biology journal, 2015. DOI 10.1007/s13277-015-3170-3.
10. Hugues de Rocquigny, **Salah Edin El Meshri**, Ludovic Richert, Pascal Didier, Jean-Luc Darlix, Yves Mély (2014) Role of the nucleocapsid domain of the Gag polyprotein precursor in HIV-1 assembly investigated by quantitative fluorescence-based microscopy. Virus Res. Nov 26; 193:78-88.
11. Ahmed MO, **Elmeshri SE**, Abuzweda AR, Blauo M, Abouzeed YM, Ibrahim A, Salem H, Alzwam F, Abid S, Elfahem A, Elrais A. Seroprevalence of brucellosis in animals and human populations in the western mountains region in Libya, December 2006-January 2008. Euro Surveill. 2010 Jul 29; 15(30).

SCIENTIFIC COMMUNICATIONS:

1. Intracellular localization of the HIV-1 Gag (NC) during the assembly of the viral particle: a quantitative fluorescence microscopy approach. **Salah Edin El Meshri**, Pascal Didier, Halina Anton, Ludovic Richert, Yves Mély and Hugues de Rocquigny (2014) 9th Workshop and Conference on Advanced Multiphoton and Fluorescence Lifetime Imaging Techniques FLIM 2014. Saarland University, Saarbrücken, Germany.
2. Characterization of the interaction between Gag (NCp7) of HIV-1 and a cellular protein: biochemical and microscopic studies. "Journées Campus Illkirch-JCI, 2014", Illkirch-Graffenstaden, Strasbourg, France.
3. Analysis of initial intracellular HIV-1 assembly using quantitative fluorescence microscopy. Hugues de Rocquigny, **Salah Edin El Meshri**, Pascal Didier, Halina Anton, Ludovic Richert and Yves Mély. 9th International Retroviral Nucleocapsid Protein and Assembly Symposium. 2013. Montreal, Quebec, Canada.

CONFERENCES ATTENDED:

1. 7th IMAGING THE CELL from 28 to 30 August 2013 MISHA - Strasbourg – France.
2. Journées Campus Illkirch-JCI, 2013, Illkirch-Graffenstaden, Strasbourg, France.
3. **COMM4BIOTECH**, second international congress in communicating life science and technology (German Cancer Research Center) 29th and 30th of November 2013 in Heidelberg.
4. Journées Campus Illkirch-JCI, 2012, Illkirch-Graffenstaden, Strasbourg, France.

REFERENCES:

1. **Dr. Hugues de Rocquigny**

Address: Morphogenèse et Antigénicité du VIH et des Virus des Hépatites, Inserm - U1259 MAVIVH, 10 boulevard Tonnellé – BP 3223, 37032 Tours Cedex 1 -, France.

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2. **Dr. Adam Elzagheid, MD, PhD, Docent (Finland)**

Professor, General Director of BTRC
Biotechnology Research Centre Tripoli, Libya.

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3. **Dr. Michel de Rancourt**

Address: Enseignants-Chercheurs, Ecole d'Ingénieurs de PURPAN, 75 voie du TOEC – BP57611 – 31076 TOULOUSE Cedex 3 - FRANCE

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