Dr. Otmane Lamrabet

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EDUCATION

2023 – 2024	**Habilitation/Privat-docent/Habilitation to Supervise Research degree** Faculty of medicine, Geneva university	**GENEVA, CH**
2008 – 2012	**PhD degree in Life and Health Sciences** **mention "Infectious diseases"** Diploma awarded with distinction La Timone Hospital (APHM), Faculty of medicine, Aix-Marseille university	**MARSEILLE, FR**
2007 – 2008	**Master 2 degree in Microbiology and Biotechnology** Faculty of Sciences of Luminy, Aix-Marseille university	**MARSEILLE, FR**
2006 – 2007	**Master's degree in Microbiology, Plant Biology, and Biotechnology.** Faculty of Sciences of Luminy, Aix-Marseille university	**MARSEILLE, FR**

EMPLOYMENT POSITIONS

2024-PRESENT	**UNIVERSITY OF SHARJAH** **COLLEGE OF SCIENCE, DEPARTMENT OF APPLIED BIOLOGY** **Assistant Professor**	**SHARJAH, UAE**
2021 – 2024	**UNIVERSITY OF GENEVA** **UNIVERSITY MEDICAL CENTER, DPT OF CELL PHYSIOLOGY AND METABOLISM** **Assistant Professor (non-tenure track) (Maitre-Assistant)**	**GENEVA, CH**
2016 – 2021	**UNIVERSITY OF GENEVA** **UNIVERSITY MEDICAL CENTER, DPT OF CELL PHYSIOLOGY AND METABOLISM** **Senior Scientist** & **Teaching Manager (Postdoctoral Researcher)**	**GENEVA, CH**
2013– 2016	**UNIVERSITY OF JOSEPH FOURNIER** **TRANSLATIONAL INNOVATION IN MEDICINE AND COMPLEXITY (TIMC)** **TRANSLATIONAL MICROBIOLOGY – EVOLUTION – ENGINEERING (TREE)** **Junior scientist (Postdoctoral Researcher)**	**GRENOBLE, FR**
2012– 2013	**AIX-MARSEILLE UNIVERSITY** **BACTERIAL CHEMISTRY LABORATORY (LCB)** **Teaching & Research Fellow**	**MARSEILLE, FR**
2008 – 2012	**AIX-MARSEILLE UNIVERSITY** **LA TIMONE HOSPITAL** (APHM) **& FACULTY OF MEDICINE** **PhD in Life and Health Sciences** **mention "Infectious diseases"**	**MARSEILLE, FR**

I. Professional experience: *RESEARCH*

2024-PRESENT **UNIVERSITY OF SHARJAH** **SHARJAH, UAE**
COLLEGE OF SCIENCE, DEPARTMENT OF APPLIED BIOLOGY

PROJECTS LEADER:

- Host-pathogen interactions: recognition, phagocytosis death and destruction of bacteria
- Study pathogenic and multi-drug-resistant (MDR) bacteria.

2016 – 2024 **UNIVERSITY OF GENEVA** **GENEVA, CH**
UNIVERSITY MEDICAL CENTER, DPT OF CELL PHYSIOLOGY AND METABOLISM

PROJECTS LEADER:

- Host-pathogen interactions: recognition, phagocytosis death and destruction of bacteria
- Role of *Dictyostelium discoideum* lysozymes in intracellular degradation of bacteria
- Transcriptional response of *D. discoideum* in the presence of different bacteria
- Role of TM9 protein family in membrane transport in eukaryotic cells

COLLABORATIVE PROJECTS:

- Characterization of different antibodies (Dr. Philippe Hammel)
- Study the role of a New Family of Bacteriolytic Proteins (Bad) in *Dictyostelium discoideum* (Dr. Cyril Guilhen)

- ✓ *Core leadership*: laboratory management, clear communication and pedagogy, deliver results on time, delegate tasks, strong team spirit
- ✓ *Core Research Skills*: experimental system design, data mining, scientific data interpretation & presentation
- ✓ Preparation and submission of research associate grant proposal (University of Geneva)
- ✓ Contributed in the writing and submission of scientific manuscripts for publication
- ✓ Participation in various scientific seminars

Aquired skills:

Genetic modification of eukaryotic cells (CRISPR-Cas, siRNA and other techniques), Libraries preparation, NGS, data analysis, devloppement/production/ testing recombinant antibodies, protein immunoprecipitation, immunofluorescence, visible and fluorescence microscopy and flow cytometry/FACS, affinity chromatography, protein purification, enzymes and lipids extraction.

2013 – 2016 **UNIVERSITY OF JOSEPH FOURNIER**
GRENOBLE, FR

TRANSLATIONAL INNOVATION IN MEDICINE AND COMPLEXITY (TIMC)
TRANSLATIONAL MICROBIOLOGY – EVOLUTION – ENGINEERING (TREE)

PROJECTS LEADER:

- Experimental studies on the evolution of evolutionary mechanisms in *Escherichia coli*
- Intrinsic antibiotic susceptibility during a Long-Term Evolution Experiment (LTEE) with *Escherichia coli*
- Examining the molecular mechanisms and evolutionary changes that enable *E. coli* cells with different Transcription regulatory networks architectures to cope with perturbations in their CRP regulatory networks

COLLABORATIVE PROJECTS:

- Analysis of the *ptsG* promoter region using DNase I Footprint Experiments and Primer Extension techniques (Pr. Jacqueline Plumbridge)
- Study the role of the Fatty acid biosynthesis Regulator (FabR) in different *E. coli* strains from the LTEE (Pr. Jeffrey E Barrick)

- ✓ Core Research Skills: Experimental Design, Data Mining, Scientific Data Interpretation & Presentation
- ✓ Participation in different EvoEvo Kickoff meeting (Spain, United Kingdom, Netherlands, France)

- ✓ Contributed in the writing of scientific deliverables of the EvoEvo project
- ✓ Contributed in the writing and submission of scientific manuscripts for publication
- ✓ Participation in various scientific seminars

Aquired skills:

Comparative of genomics and phylogenomics datas, mutations screening and bioinformatic analyses, experimental evolution of bacteria.

2012– 2013 **AIX-MARSEILLE UNIVERSITY** **MARSEILLE, FR**
BACTERIAL CHEMISTRY LABORATORY (LCB)

PROJECTS LEADER:

- Identification of new membrane receptors for 2-oxoglutarate (2OG) in the cyanobacterium *Anabaena sp.* using columns affinity

COLLABORATIVE PROJECTS:

- Study the exact role of a kinase in cyanobacteria during oxidative stress and nitrogen depletion: transcriptomic data analysis (Pr. Amel Latifi; Pr. Cheng-Cai Zhang)

- ✓ Contributed in the writing and submission of scientific manuscripts for publication

Aquired skills:

Affinity chromatography, protein purification and

2008– 2012 **AIX-MARSEILLE UNIVERSITY** **MARSEILLE, FR**
LA TIMONE HOSPITAL (APHM) **& FACULTY OF MEDICINE**

PROJECTS LEADER:

- Genetic modifications of *Mycobacterium tuberculosis* and the
- Clarification of the spectrum of rapid-growing mycobacteria and amoeba interactions
- Manipulation of several types of pathogenic and non pathogenic bacteria
- Gene transfers in mycobacteria and their adaptation to an intracellular lifestyle
- Clarification of the spectrum of rapid-growing mycobacteria and amoeba interactions

COLLABORATIVE PROJECTS:

- Study the effect of MspA-*Mycobacterium tuberculosis*-transformant with reduced virulence in Guinea pig model (Pr. Fabienne Bregeon)
- Investigate the activation pattern of monocyte-derived macrophages in response to MspA-*Mycobacterium tuberculosis*-transformant: Microarray analysis (Pr. Jean-Louis Mége)

- ✓ Contributed in the writing and submission of scientific manuscripts for publication
- ✓ Participation in various scientific seminars

Aquired skills:

Genetic modification of pathogenic bacteria, PCRs, qRT-PCRs, DNA/RNA exctraction and purification, manipulation of bacteria and eukaryotic cells, evolution and genetic exchange between different organisms (prokaryotes and eukaryotes) using bioinformatics analysis.

2006– 2008 **AIX-MARSEILLE UNIVERSITY** **MARSEILLE, FR**
CNRS & FACULTY OF SCIENCE

PROJECTS LEADER:

- Characterization of two membrane-bound oxygen reductases in the strict anaerobe *Desulfovibrio vulgaris* Hildenborough (DvH)
- Manipulation of anaerobic bacteria
- Preparing membrane extracts of *DvH*

COLLABORATIVE PROJECTS

- Roles in oxygen defence in *Desulfovibrio vulgaris* Hildenborough (Dr. Gael Brasseur & Pr. Gerrit Voordouw)

- ✓ Contributed in the writing and submission of scientific manuscripts for publication

Aquired skills:

Biochemistry, HPLC, molecular biology and genetics modifications and manipulations of aerobic and anaerobic organisms.

II. Professional experience: *TEACHING & SUPERVISION*

TEACHING ACTIVITIES:

2011-2024 "> 1000 hours"

- **Course Coordinator & Teaching Manager** of Immunology and Serology Unit, Hematology Unit, and Biotechnology in Medecine Unit. Sharjah University, College of sciences, Department of Applied Biology, University of Sharjah, Sharjah, UAE.
- **Course Coordinator & Teaching Manager** of the Molecular Biology Unit in Biomedical sciences. Faculty of Medicine Geneva, Switzerland
- **Lecturer and Instructor** in Medical sciences (histology, bacteriology) for undergraduate students. Faculty of Medicine Geneva, Switzerland
- **Lecturer and Instructor** in Biomedical sciences (microbiology, histology, genetics & scientific communication), molecular biology and biochemistry for undergraduate and graduate students. France & Switzerland
- **Instructor and Teaching assistant** in genetic, molecular biology, microbiology and immunology to students from different high-school with "Tous-chercheur" association, INMED, Marseille, France

SUPERVISION OF PhD AND JUNIOR RESEARCHERS:

- **2017-2021** Tania Jauslin**,** PhD student at DPT of cell physiology and metabolism, University of Geneva, Switzerland
- **2015-2016** Graduate student (Master level) Mrs. Charlotte Chatelain, Blaise Pascal Clermont-Ferrand University, France
- **2014-2015** Undergraduate student Mrs. Anaelle Fait, Joseph Fourier University, France
- **2013-2014** Graduate student (Master level) Mrs. Anna Manore, University of Guelph, Canada
- **2011-2012** Undergraduate student Mr. Jérôme Vinck, ESIL/GBMA School of Engineering, France

III. Professional experience: *SCIENTIFIC AND ADMINISTRATIVE ACTIVITIES*

Curent ACTIVITIES:

- **Member in different Jury committees:** Master thesis defense, Biotechnology Students Exhibition Day, Biotechnology students research projects defense day. College of Sciences, Department of Applied Biology, University of Sharjah, Sharjah, UAE.
- **Vice-chair of Cheating Committee** in the College of Sciences, Department of Applied Biology, University of Sharjah, Sharjah, UAE.
- **Member of the Budget Committee** in the College of Sciences, Department of Applied Biology, University of Sharjah, Sharjah, UAE.
- **Member of the Laboratories, Safety and Physical Plan Committee** in the College of Sciences, Department of Applied Biology, University of Sharjah, Sharjah, UAE.
- **Reviewer of different scientific journals** : FEBS, Applied and Environmental Microbiology (AEM)/Microbiology Spectrum, NEJM, OpenBio, Antibody Reports.

PREVIOUS ACTIVITIES:

- Reviewer of different scientific journals : Frontiers, PLosOne,.
- Local organizing committee of the Sharjah International Conference in Biotechnology (SICBiotech), October 29-31, 2024, University of Sharjah, UAE (ca. 400 participants).
- Local organizing committee of the Intracellular killing symposium, November 30, 2018, Geneva, Switzerland (ca. 30 participants).
- Local organizing committee of the Dicty world 2017, Chavannes-de-Bogis, Switzerland, August 20-24, 2017 (ca. 350 participants).

- Local organizing committee of the LIA Meeting EvoAct: Evolution in action with living and artificial organisms, April 13-15, 2016, Autrans, France (ca. 50 participants).

OTHERS:

- Training in genetic modifications of (i) pathogenics mycobacteria (*Mycobacterium tuberculosis*, etc) and (ii) eucaryotic cells (macrophage and amoeba) to new PhDs students (Dr. Sirwan Muhammed Ameen, Dr. Alixia Bourbon, Dr. Imen Ayadi, etc)
- Training in cell culture, molecular biology, immunology, proteomic and microbiology methodes to PhDs students, master/bachelor students, research assistants and technicians
- Mentoring programme of the weekly seminars for master/bachelor, PhD students and post-docs at URMITE department, Marseille, France
- Assumed for two years the responsibility of the management of the molecular stock provision for master/bachelor, PhD students and post-docs for the whole department
- Management of molecular biology equipments

APPROVED RESEARCH PROJECTS & FELLOWSHIPS

2025- 2027	**Funding a Seed Research Project (2 Years)** Sharjah University	**SHARJAH, UAE**
2021- 2024	**Funding for Senior Scientist & Lecturer (3 Years)** Discovery of novel proteins in *D. discoideum* that have the potential to contribute to bacterial destruction within phagosomes. University of Geneva	**GENEVA, CH**
2012– 2013	**TEACHING & RESEARCH FELLOWSHIP** **(RANKED FIRST IN THE SELECTION PROCESS** Faculty of Science at Aix-Marseille University	**MARSEILLE, FR**
2008-2012	**PhD Scholarship** Faculty of medicine at Aix-Marseille University	**MARSEILLE, FR**

PRIZES & AWARDS

2024-2025	**Best Junior Assistant Professor** International Dictyostelium Junior assistant professor Faculty Award Texas A&M University, USA	**TEXAS, USA**
2020-2021	**Best Postdoctoral Researcher** International Dictyostelium Postdoctoral Researcher Award Texas A&M University, USA	**TEXAS, USA**

SCIENTIFIC AND COLLABORATIVE PROJECTS

2016-2020	**HostPathX project** THE Swiss Initiative in Systems Biology with 4 different partners in Switzerland	**GENEVA, CH**
2013-2016	**Evolution of Evolution (EvoEvo) Europen project** European project with 5 partners from 4 different countries: Spain, United Kingdom, Netherlands, and France.	**GRENOBLE, FR**

SELECTED CONTRIBUTIONS TO CONFERENCES & SEMINARS

CHAIRS & Jury Member:

- **February 2025**: jury member for the 5th WIRF2025 Forum for Women in Research, QUWA: Together Innovating to Shape the Future. University of Sharjah, Sharjah, UAE
- **October-2024**: SICBiotech conference, session « Industrial, Food and Pharmaceutical Biotechnology » University of Sharjah, Sharjah, UAE
- **Novembre-2018:** Intracellular killing symposium, session « Intracellular effectors and killing » Geneva, Switzerland
- **August-2017:** Dicty world 2017, session « Cellular organization and intracellular transport », Chavannes-de-Bogis, Switzerland
- **April-2016:** LIA Meeting EvoAct: Evolution in action with living and artificial organisms, session « Microbial interactions and polymorphisms », Autrans, France

PRESENTATIONS & POSTERS:

- **2024:** Guest invited seminar, College of sciences, Department of Applied Biology, Sharjah University, Sharjah, UAE. « How do phagocytic cells kill bacteria ». Oral presentation
- **2022:** Dicty world 2022, Stirling, Scotland. « *D. discoideum* uses different mechanisms to kill *Pseudomonas aeruginosa* extracellularly and in phagosomes ». Oral presentation
- **2016:** 2nd ASM Conference on Experimental Microbial Evolution. Washington, USA. « Dynamics of the CRP regulon during a long term experiment with E. coli » Poster
- **2016:** LIA Meeting EvoAct: Evolution in action with living and artificial organisms. Autrans, France. « Evolution of perturbated regulatory networks in *E. coli* » Oral presentation
- **2014:** 2nd International Workshop: The Biology and Physics of Bacterial Chromosomes. Birmingham University. Birmingham, England. « Dynamics of the CRP regulon during a long term experiment with *E. coli* ». Poster.
- **2013:** Guest invited seminar, Biohimical department, Genega University, Geneva, Switzerland. « Adaptation of mycobacteria in host cells » Oral presentation
- **2012:** IFR48 SFR/IHU seminar, Marseille, France. « Lateral gene transfer in mycobacteria » Oral presentation
- **2010:** Annual Meeting of Doctoral School, Marseille, France. « Interactions of A. polyphaga with the rapidly-growing mycobacterium, *M. smegmatis* ». Poster
- Others …

PUBLICATIONS & PATENTS & DELIVRABLES

SUMMARY PUBLICATIONS AND CITATIONS

- **Total Number of Accepted Publication:** 36 publications (Date: 08/18/2025)
- **Corresponding author**: 2
- **First authorships** (incl. shared first authorship): 12
- **Total number of citations**: 492
- **H-index:** 14
- **Total Number of Patents**: 2

- European project Evolution of Evolution (EvoEvo) Delivrables: 6

PATENTS

1. Lamrabet O, et al., International Patent WO2013/175103 Al.
2. Lamrabet O, et al. National Patent N° FR 12/54623.

BIBLIOGRAPHY PAST YEARS

Peer-Reviewed Publications

1. Lamrabet O, Munoz-Ruiz R, Ayadi I, Bourbon A, Pain E, Oddy J, Cosson P. Luminal Phospholipase D Attacks Bacterial Membranes in *Dictyostelium discoideum* Phagosomes. ***Mol Microbiol***. 2025; 124(1):54-65. **IF 2024: 2.6**

2. Munoz-Ruiz R, Lamrabet O, Jauslin T, Guilhen C, Bourbon A, Cosson P. Antibacterial effectors in *Dictyostelium discoideum*: specific activity against different bacterial species. ***Msphere***, 2024; e00471-24. **IF 2024: 3.7**

3. Ifrid E, Ouertatani-Sakouhi H, Zein El Dine H, Jauslin T, Chiriano G, Scapozza L, Lamrabet O, Cosson P. Compound K14 inhibits bacterial killing and protease activity in *Dictyostelium discoideum* phagosomes. ***PlosOne***, 2024;19: e0309327. **IF 2024: 3.1**

4. Ayadi I, Lamrabet O, Munoz-Ruiz R, Jauslin T, Guilhen C, Cosson P. Extracellular and intracellular destruction of *Pseudomonas aeruginosa* by *Dictyostelium discoideum* phagocytes mobilize different antibacterial mechanisms. ***Mol Microbiol***. 2024; 121(1): 69-84. **IF 2023: 3.6**

5. Crespo-Yanez X, Oddy J, Lamrabet O, Jauslin T, Marchetti A, Cosson P. Sequential action of antibacterial effectors in *Dictyostelium discoideum* phagosomes. ***Mol Microbiol***. 2023; 119(1):74-85. **IF 2022: 3.6**

6. Bodinier R, Sabra A, Leiba J, Marchetti A, Lamrabet O, Ayadi I, Filić V, Kawata T, Weber I, Cosson P. Role of LrrkA in the Control of Phagocytosis and Cell Motility in *Dictyostelium discoideum*. ***Front Cell Dev Biol***. 2021; 9:629200. **IF 2021: 6.684**

7. Jauslin T*, Lamrabet O*, Crespo-Yañez X*, Marchetti A, Ayadi I, Ifrid E, Guilhen C, Leippe M, Cosson P. How Phagocytic Cells Kill Different Bacteria: a Quantitative Analysis Using *Dictyostelium discoideum*. ***mBio***. 2021; 12(1):e03169-20. *equal contribution. **IF 2021: 7.867**

8. Guilhen C, Lima WC, Ifrid E, Crespo-Yañez X, Lamrabet O, Cosson P. A New Family of Bacteriolytic Proteins in *Dictyostelium discoideum*. ***Front Cell Infect Microbiol***. 2021; 10:617310. **IF 2021: 4.83**

9. Lamrabet O#, Jauslin T, Lima WC, Leippe M and Cosson P. The multifarious lysozyme arsenal of *Dictyostelium discoideum*. ***Dev. Comp. Immunol***. 2020; 107:103645. #corresponding auteur. **IF 2020: 3.130**

10. Lamrabet O#, Melotti A, Burdet F, Hanna N, Perrin J, Nitschke J, Pagni M, Hilbi H, Soldati T and Cosson P. Transcriptional Responses of *Dictyostelium discoideum* Exposed to Different Classes of Bacteria. ***Front. Microbiol***. 2020; 11:410. #corresponding auteur. **IF 2020: 4.235**

11. Lamrabet O, Plumbridge J, Martin M, Lenski RE, Schneider D, Hindré T. Plasticity of Promoter-core sequences allows bacteria to compensate for the loss of a key global regulatory gene. ***Mol Biol Evol***. 2019; 36:1121-1133. **IF 2019: 14.680**

12. Lamrabet O, Martin M, Lenski RE, Schneider D. Changes in intrinsic antibiotic susceptibility during a long-term evolution experiment with *Escherichia coli*. ***mBio*** 2019; 10:e00189-19. **IF 2019: 6.784**

13. Bodinier R, Leiba J, Sabra A, Jauslin TN, Lamrabet O, et al., LrrkA, a kinase with leucine-rich repeats, links folate sensing with Kil2 activity and intracellular killing. ***Cell Microbiol*** 2019; 22:e13129. **IF 2019: 4.060**

14. Vernay A*, Lamrabet O*, Perrin J, Cosson P. TM9SF4 levels determine sorting of transmembrane domains in the early secretory pathway. ***J of Cell Sci***. 2018; 5:131(21). *equal contribution. **IF 2018: 4.517**

15. Yingping F, Lemeille S, González A, Risoul V, Denis Y, Richaud P, Lamrabet O, Fillat M.F, Zhang C.C, Latifi A. The Pkn22 Ser/Thr kinase in Nostoc PCC 7120: role of FurA and NtcA regulators and transcript profiling under nitrogen starvation and oxidative stress. ***BMC Genomics*** 2015; 16:557. **IF 2015: 3.867**

16. Wang Y, Assaf Z, Liu X, Ziarelli F, Latifi A, Lamrabet O, Quéléver G, Qu F, Zhang CC, Peng LA. "click" chemistry constructed affinity system for 2-oxoglutaric acid receptors and binding proteins. ***Org Biomol Chem*** 2014; 12:6470-5. **IF 2014: 3.412**

17. Lamrabet O, Ghigo E, Mège JL, Lepidi H, Nappez C, Raoult D, Drancourt M. MspA-*Mycobacterium tuberculosis*-transformant with reduced virulence: the "unbirthday paradigm". ***Microbial Pathogenesis*** 2014; 76:10-18. **IF 2014: 2.914**

18. Ramel F, Amrani A, Pieulle L, Lamrabet O, Voordouw G, Seddiki N, Brèthes D, Company M, Dolla A, Brasseur G. Membrane-bound oxygen reductases of the anaerobic sulfate-reducing *Desulfovibrio vulgaris* Hildenborough: roles in oxygen defence and electron link with periplasmic hydrogen oxidation. ***Microbiology*** 2013; 159:2663-73. **IF 2013: 3.529**

19. Lamrabet O & Drancourt M. *Mycobacterium gilvum* illustrates size-correlated mycobacteria Acanthamoeba polyphaga relationships. ***App Env Mico*** 2012; 79:1606-1611. **IF 2012: 4.249**
20. Lamrabet O, Mba Medie F, Drancourt M. *Acanthamoeba polyphaga*-enhanced growth of *Mycobacterium smegmatis*. ***PLoS One*** 2012; 7:e29833. **IF 2012: 4.302**
21. Lamrabet O, Merhej V, Pontarotti P, Raoult D, Drancourt M. The genealogic tree of mycobacteria reveals a long-standing sympatric life into free-living protozoa. ***PLoS One*** 2012; 7:e34754. **IF 2012: 4.302**
22. Lamrabet O, Pieulle L, Aubert C, Mouhamar F, Stocker P, Dolla A, Brasseur G. Oxygen reduction in the strict anaerobe *Desulfovibrio vulgaris* Hildenborough: characterization of two membrane-bound oxygen reductases. ***Microbiology*** 2011; 157:2720-32. **IF 2011: 3.913**

Pre-prints & Reviews

1. Lamrabet O, Munoz-Ruiz R, Ayadi I, et al. Luminal phospholipase D attacks bacterial membranes in *Dictyostelium discoideum* phagosomes. ***Authorea***. January 21, 2025. DOI: 10.22541/au.173746827.79799421/v1.
2. Munoz R, Lamrabet O, Jauslin T, Guilhen C, Cosson P. Antibacterial effectors in *Dictyostelium discoideum*: specific activity against different bacterial species. ***bioRxiv*** 2024.05.30.596688; doi: https://doi.org/10.1101/2024.05.30.596688.
3. Lamrabet O & Drancourt M. Genetic engineering of *Mycobacterium tuberculosis*: a review. ***Tuberculosis*** 2012; 92(5):365-76. **IF 2012: 2.576**

Antibody Reports Publications

Antibody Reports (eISSN 2624-8557) is an international, peer-reviewed open access online journal edited by the Geneva Antibody Facility, designed to focus on technical, experimental validation of recombinant antibodies. Our aim is to encourage scientists to publish their experimental results in as much detail as possible, with the philosophy of "one antigen, one technique, one paper".

1. Lamrabet O. The AL626 antibody recognizes an ALFA-tagged protein by western blot. ***Antibody Reports***, 2022; vol. 3, e123.
2. Lamrabet O. RB376 and RB377 antibodies recognize the *Dictyostelium* AlyA protein by Western blot. ***Antibody Reports*** 2019; vol. 2, e10.
3. Lamrabet O. RB464, RB465, RB466 and RB467 antibodies do not recognize the *Dictyostelium* AlyA protein by Western blot. ***Antibody Reports*** 2019; vol. 2, e9.
4. Hammel P, Lamrabet O, Jauslin T. RB447, RB452 and RB453 antibodies recognize a *Dictyostelium* AlyL protein by ELISA. 2019***. Antibody Reports*** 2019; vol. 2, e21.
5. Hammel P, Jauslin T, Lamrabet O. RB388, RB389, RB390, RB391 and RB392 antibodies recognize a *Dictyostelium* AlyL peptide by ELISA. ***Antibody Reports*** 2019; vol. 2, e20.
6. Hammel P, Lamrabet O. RB464, RB465, RB466 and RB467 antibodies recognize a *Dictyostelium* AlyA peptide by ELISA. ***Antibody Reports*** 2019; vol. 2, e19.
7. Hammel P, Lamrabet O. RB376, RB377 and RB378 antibodies recognize a *Dictyostelium* AlyA peptide by ELISA. ***Antibody Reports*** 2019; vol. 2, e18.
8. Lamrabet O. RB94, RB95, AI239 and AF209 antibodies recognize the Glutathione S-transferase protein by Western Blot. ***Antibody Reports*** 2019; vol. 2, e61.
9. Lamrabet O. AF394 and AF395 antibodies recognize a GFP tagged recombinant protein by Western Blot. ***Antibody Reports*** 2019; vol. 2, e28.
10. Jauslin T, Lamrabet O. RB388, RB389, RB390, RB391 and RB392 antibodies do not recognize the *Dictyostelium* AlyL protein by Western Blot. ***Antibody Reports*** 2018; vol. 1, e3.
11. Lamrabet O, Jauslin T. RB447, RB448, RB449, RB450, RB451 and RB453 antibodies recognize the *Dictyostelium* AlyL protein by Western Blot. ***Antibody Reports*** 2018; vol. 1, e2.

12. Lamrabet O, Jauslin T. The AD946 antibody recognizes a 6xHistagged recombinant protein by Western Blot. ***Antibody Reports*** 2018; vol. 1, e5.
13. Lamrabet O, Schneider D, Hindré T. *In vivo* and *in silico* evolution experiments highlight signatures of "evolution of evolution" ***HAL Open Science.*** 2017.

DELIVRABLES (*EUROPEAN PROJECT EVOLUTION OF EVOLUTION* (*EVOEVO*))

1. Schneider D, Beslon G, Elena S, Lamrabet O. EvoEvo Deliverable1.1: TEV and E. coli strains for robustness analysis 2014. hal-01577124.
2. Elena S, Schneider D, Beslon G, Lamrabet O. EvoEvo Deliverable1.2: Analysis of robustness in TEV and E. coli strains 2016. hal-01577126.
3. Elena S, Beslon G, Lamrabet O, Schneider D. EvoEvo Deliverable1.3: Analysis of evolvability (part 1) 2016. hal-01577127.
4. Elena S, Beslon G, Lamrabet O, Schneider D. EvoEvo Deliverable1.4: Analysis of phenotypic innovation (part 1) 2016. hal-01577128.
5. Schneider D, Beslon G, Carrasco JL, Elena S, Lamrabet O et al. EvoEvo Deliverable 1.5: Analysis of evolvability (part 2) 2016. hal-01577130.
6. Schneider D, Beslon G, Elena S, Lamrabet O. EvoEvo Deliverable1.6: Analysis of phenotypic innovation (part 2) 2016. hal-01577131.

LANGUAGES

French	Native
English	Fluent written and spoken
German	Beginner

INTERESTS

Travelling, cooking, sport