

CURRICULUM VITAE

I. Information:

Name: BRAHIMI

First name: Mahfoud

Grade: Senior Fellow

Date of Birth: December 13, 1953 at Sour El Ghozlane, Wilaya BOUIRA, ALGERIA

Nationality: Algerian

Marital Status: Married (4 children)

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II. Professional informations:

1. Formations:

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| Establishment | Amara Rachid High School Ben Aknoun (Algeria) |
| Date: from (Month / year) to (month / year) | from September 1970 to June 1974 |
| | <ul style="list-style-type: none">• Graduated : Baccalaureate Science Series |
| Establishing | National Veterinary School of Algiers (Algeria) |
| Date: from (Month / year) to (month / year) | from October 1974 to June 1980 |
| | <ul style="list-style-type: none">• Graduated Doctor of Veterinary Medicine |

Visiting lecturer: General Virology
 University of Science and Technology Bab Ezzouar (USTHB-Algeria), 1year
 Visiting lecturer in Toxicology
 University Saad Dahleb (Blida, Algeria)
 Visiting lecturer in path physiology
 University of Saad Dahleb (Blida, Algeria), 1year
 Practical Teaching: NEPO Magisterium of Algiers

3. Frames:

| Establishment | Pasteur Institute of Algeria |
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| Date: from (month / year)to (month / year) | from 1987 to 1995 |
| <ul style="list-style-type: none"> - Promoter theses for students at end of cycle diplomas of Higher Studies and Biology | <ul style="list-style-type: none"> • Engineer in Test rabies vaccination by the oral route in dogs– • Development of monoclonal antibodies vis-à-vis a strain of rabies virus isolated from a human rabies cases • Production, purification and characterization of rabies virus • Development of the ELISA technique and its application in process controls for rabies vaccines • Vaccination against rabies vaccine (live attenuated) of cats subjected to a steroid • First case of isolation of canine parvovirus in Algeria (Supported) |
| Date: from (month / year) (month / year) | From 2007 to date |
| <ul style="list-style-type: none"> - Promoter theses for students at end of cycle studies state engineer engineering biology.– | <ul style="list-style-type: none"> • The contribution of the use of trypsin for performance improvement in viral particles during the production of rabies vaccine on the brains of newborn mice. • Test the use in cell culture of normal horse serum produced locally instead of fetal calf serum. (Supported) |

Establishment

Pasteur Institute of Algeria

Date: from (Month / year) to (Month / year)

in November 2007 to date

- Post: Head of Laboratory of rabies vaccines and serums
 - Production of rabies vaccine for human use on the brain of mice–
 - Production of veterinary rabies vaccine in cell cultures
 - Production of crude rabies serum of horses
 - Directs the production of vaccine against sheep pox

❖ Development of viral vaccines:

- Development and approval of an inactivated vaccine against rabies (Rabinact): Pasteur Institute of Algeria
- Development of a cell culture based vaccine against sheep pox (Djedri) vaccine licensed in the Slovak Republic and Georgia (in partnership with a foreign laboratory): Laboratory Biovet.
- Development and licensure (Parvobio) inactivated virus vaccine against canine parvovirus: Laboratory Biovet.
- Development of culture technique Vero cells on micro beads for the production of rabies vaccine (unpublished 1986)
- Development of the technique of concentration of rabies virus by tangential ultra filtration.

❖ Contribution to:

1. FAO consultation report prevention of AHS in Algeria June 4 to July 5, 1990 by J.SARR.
2. WHO meeting on the fight against rabies in the Maghreb countries Algiers 13-15 February 1990.
3. WHO consultant countries rabies Mission 1994 Sudan (Khartoum). Feasibility study of setting up a production of rabies vaccine on mice brains to replace the product on kids.
4. Mission Berhingwerk RFA for industrial-type centrifuge for purification of the vaccine ERA / Vero medical use in 1989.
5. Collaboration with the laboratory of virology Mevak (Slovak Republic) for the diagnosis of avian viruses.

- **M. Brahimi** First detection of canine parvovirus (CPV) in Algeria X North African Veterinary Congress, Tripoli, 12-15 October 1992.

7. Publications:

- Benmansour A., A. Bensemmane, **M. Brahimi** properties and immunological activity in dogs inactivated adjuvanted rabies vaccines prepared on cell culture in Algeria. Veterinary Maghreb, Vol.3, No. 12, 1987.
- Benmansour A., **M. Brahimi**, Tuffereau C., Coulon P, Flamand Lefay F and A. Rapid Sequence Evolution of Rabies Glycoprotein street is related to the Highly Heterogeneous of the viral population. Virology, 1987 (1), 33-45, 1992.
- B. Kissi, H. Badran, L. Audry, N. Lavenu, N. Tordo, **Brahimi M** and H. Bourhy Dynamics of rabies virus quasispecies DURING serial passages in Heterologous Hosts. Journal of General Virology, 80, 2042-2050, 1999.
- **M. Brahimi** Culture and Purification of Bovine Rotavirus. Veterinary Maghreb, Vol.3, No. 15, June 15, 1986.
- **M. Brahimi**, B. Bendedouche, Rybnickar A. Cases of trychofitosis in ponies in Algeria. Journal of Mycology, Vol.7, No. 2, 108-109, 1997.
- **M. Brahimi**, R. Gaouaoui, Guettache A., Issad Mr. Rabies vaccination of cats subjected to a course of prednisone. Archives Algeria Pasteur Institute, T.67 2009/2010 233-246
- Akacem O., Benmansour A., P. Coulon, Mr. **Brahimi M.**, Benhassine M. Production of monoclonal antibodies Against a wild strain of rabies. Archives of the Pasteur Institute of Algeria, 58.283-290, 1992. Related Record - Ophthalmology.
- Akacem O., P. Couillin, Benmansour A., P. Coulon, **M. Brahimi** and Benhassine M. Production of monoclonal antibodies Against a strain of rabies. Archives of the Pasteur Institute of Algeria, 56.225-231, 1998.
- Akacem O., A. Taril, Benelmoffok A., A. Benmansour, Couillin P., **Brahimi M.** and Benhassine M. Diagnosis of rabies infection in animals using monoclonal antibodies. Archives of the Pasteur Institute of Algeria, from 57.9 to 23.1989.
- Dodet B., H. Bourhy, **M. Brahimi**, D Briggs et al. The Fight Against rabies in Africa: From recognition to action. Bulletin of the Society of Tropical Medicine. Vol.103, No. 1 February 2010.