

## **CURRECULUM VITAE**

**Last Name:** AL Nahhas

**First Name:** Samar

**Academic level:** Professor

**Contact Information:**

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**Academic Appointments:**

2000 - till present Professor

1994 - 2000 Associated Professor

1989 - 1994 Lecturer

**Licensure and Certification:**

1985-1988 PhD Animal Biology (Parasitology), Montpellier University, France

1984-1985 DEA in Animal Biology & Physiology, Lille University, France

1978-1982 B Cs General Biology (Bio-chemistry), Damascus University

**Administrative position:** head of Department of animal biology (2000-2007)

**Training & Experiences:**

- I worked on light and electronic microscopes for studying the effect of Chloroquine on the Plasmodium depending on the age of host red cells

- I also worked on light and electronic microscopes for studying the development of Echinococcus multilocularis protoscolices in vivo, the relationship between the protoscolices and hepatic cells in vitro and interactions between protoscolices and Kupffer cells.

- I work on many types of equipment such as: Electrophoresis, ELISA, Semi-dry blotter, Blot apparatus, PCR and I cultivate different types of parasites for research study and for applying some of these methods for diagnosis of certain diseases in SYRIA.

- I have an experience to work on PC: Microsoft office, Excel, PowerPoint, Photoshop...etc.

- I did work on microorganisms in Microbiology, such as: working in aseptic conditions, doing culture of different kind of bacteria, applying different stain techniques, studying the effects of physical conditions on the growth of bacteria, applying different biochemical techniques in order to identify the bacteria species, counting the bacteria cells and the plaques, applying molecular techniques as extraction the bacteria DNA, application the PCR.

- I work on Leishmaniasis, Toxoplasmosis, Malaria, Echinococcosis, Streptococcus .....etc.

**Honors, Scholarship & Grant Awards:**

- Bassel Al-ASSAD Award (Health Sciences) in 1996
- Fulbright scholarship in Jhon Hopkins University, USA, 1997-1998
- Official mission in Louis Pasteur University, France 1998
- Bassel Al-ASSAD Award (Health Sciences) in 2000
- Official mission in Parasitology lab Nice University- France, 2000
- Bassel Al-ASSAD Award (Basic Sciences) in 2003

### **Teaching Experiences:**

- 1994-1996 Genetic, "practice"
- 1989-1993 Cytology "theory"
- 1989 till present Parasitology & Immunology "parasitology: theory and practice"
- 1998-2004 Diploma of Immunology (A), "theory and practice"
- 1996-1999 Diploma of Immunology (F)
- 1989 till present General Parasitology "theory and practice"
- 1990-1999 Diploma of Parasitology (F)
- 2017 till present Master of parasitology "theory and practice"

### **Conferences :**

- 2019 Biotechnology-Iraq
- 2010 Biovision – Egypt
- 2009 AEOL. Egypt
- 2009 Control of the infectious diseases. Egypt.
- 2009 The Leishmaniasis. Tunisia
- 2008 The First Day of Respiratory Tract Allergy – Syria
- 2006 Arab Med Lab – Syria
- 2005 International Symposium On Phlebotomine Sandflies- Tunisia
- 2005 45<sup>th</sup> Annual Science Week- Syria
- 2001 Arab Ministers of high education – Egypt
- 2001 Biological Sciences – Egypt
- 2000 Parasitology conference - Poland
- 1998 Parasitology conference – Japan
- 1997 Dermatology conference - Syria
- 1996 Parasitology conference – Italy
- 1994 1995 Bio-diversity conferences - Syria
- 1993 Fishes conferences- Syria

### **Book composed:**

- 2018 The Parasitism & the Parasitology (practical section)
- 2007 The Parasitism & the Parasitology (theoretical section)
- 1994 Parasitology & Immunology (Practical section)

### **Scientific Supervision:**

- 1994-1997 M.Sc supervision
- 2001- 2008 PhD supervision
- 2004-2007 M.Sc supervision
- 2014-2017 M Sc supervision
- 2019 PhD supervision

### **Publications :**

- 1- **AL-NAHHAS S., GABRION C., WALBAUM S. & PETAVY AF.** In vivo cultivation of *Echinococcus multilocularis* protoscolices in microscope chambers. Int. J. Parasitol. 1991.
- 2- **SARCIRON ME., AL-NAHHAS S., WALBAUM S., RAYNAUD G. & PETAVY AF.** Treatment of experimental alveolar echinococcosis: comparative study of mebendazole, isoprinosine and a mebendazoleisoprinosine association. Trop. J. Med. Parasitol. 1991.
- 3- **WALBAUM S., AL-NAHHAS S., GABRION C., MESNIL M. & PETAVY AF.** *Echinococcus multilocularis*: In vitro interactions between protoscolices and Kupffer cells. Parasitol. Res. 1994.
- 4- **GABRION C., WALBAUM S., AL-NAHHAS S., MESNIL M. & PETAVY AF.** *Echinococcus multilocularis* protoscolices and hepatic cells activity in vitro. Int. J. Parasitol. 1995.

5- **AL-NAHHAS S.** Serodiagnosis of leishmaniasis in Syria by using different immunological methods. Damas. Univ. J. Bas. Sci. 1999.

6- **SHAABAN M., KWEIDER M. &AL- NAHHAS S.** An immunological study of cutaneous leishmaniasis in Damascus and its suburb. Damas. Univ. J. Bas. Sci. 2000. 3

- 7- **AL- NAHHAS S.** Contribution in serodiagnosis of visceral leishmaniasis in Syria by using the recombinant antigen rk39. Damas. Univ. J. Health Sci. 2001.
- 8- **AL-NAHHAS S, SHABAAN M, HAMMOUD L, AL-TWEEL A, AL-JORF S.** Use of rk39 Test for the Early Detection of Visceral Leishmaniasis in Syria . Eastern Mediterranean health Journal. 2003
- 9- **SHABAAN M., HAMMOUD L., &NAHHAS S.** Epidemiological of cutaneous leishmaniasis of cases from Dermatology hospital and General clinic in Damascus. Damas. Univ. J. Bas. Sci. 2003 .
- 10- **SHABAAN M., HAMMOUD L., &NAHHAS S.** Preliminary Sero-diagnosis study to certify the diagnosis of cutaneous leishmaniasis in Syria. Damas. Univ. J. Bas. Sci. 2003.
- 11- **AL-NAHHAS S. SHABAAN M. & HAMMOUD L.** Comparative study between the rK39 dipstick test and the direct agglutination test for the diagnosis of visceral leishmaniasis in South of Syria. Damas. Univ. J. Bas. Sci. 2004.
- 12- **AL-NAHHAS S., SHAABAN M., & HAMMOUD L.** Contribution study of visceral leishmaniasis in Syria. Saudi Med J. 2005.
- 13- **BKDASHE M., AL-NAHHAS S., & HADDAD N.** The sand flies (Diptera: Psychodidae) in Tartous governorate Syrian Arab Republic. Damas. Univ. J. Bas. Sci. 2006.
- 14- **AL-NAHHAS S., AL-TWEEL A. & AL-TWEEL M.** Assessment of the direct agglutination test, fast agglutination screening test and rK39 dipstick test for the serodiagnosis of visceral leishmaniasis in Syria. Saudi Med J. 2008.
- 15- **AL-NAHHAS S.** Serodiagnosis Of Cutaneous Leishmaniasis In The Syrian Arab Republic. Saudi Med J. 2009.
- 16- **Alasaad S, Walton S, Rossi L, Bornstein S, Abu-Madi M , Soriguer RC, Fitzgerald S , Zhu XQ, Zimmermann W, Ugbomoiko US, Pei KJC, Heukelbach J.** Sarcoptes-World Molecular Network (Sarcoptes-WMN): integrating research on scabies. Int J Inf Dis ; 2011
- 17- **Al-Nahhas S.A. &Kaldas R.M.** Characterization of *Leishmania* Species Isolated from Cutaneous Human Samples from Central Region of Syria by RFLP Analysis. ISRN Parasitology, 2013.
- 18- **Haddad N, Saliba H, Altawil A, Jeffrey Villinsky J. &Al-Nahhas S.** Cutaneous leishmaniasis in the central provinces of Hama and Edlib in Syria: Vector identification and parasite typing. Parasites & Vectors, 2015.
- 19- **Skhal D., Aboualchamat GH., Al Nahhas S.** *Giardia duodenalis* in Damascus, Syria: Identification of *Giardia* genotypes in a sample of human fecal isolates using polymerase chain reaction and restriction fragment length polymorphism analyzing method. Acta Tropica, 2016.
- 20- **Skhal D., Aboualchamat GH., Al Mariri A., Al Nahhas S.** Prevalence of *Giardia* assemblages and sub-assemblages in symptomatic patients from Damascus city and its Suburbs. MEEGID; 2017.
- 21- **Al-Nahhas S., Altawil A (2017).** Leishmaniasis in Syria. Int J cell Sci&molbiol 3(2):

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