

# Curriculum Vitae



## Walid S. Basha, PhD

Assistant professor of immunology and microbiology in the faculty of medicine and health sciences, An-Najah national university. Head manager of Basha Scientific Centre for studies and research (BSC) which includes a molecular biology lab. and a centre for environmental studies. Reference for Jenin Governorate and Municipality for the environmental issues.

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### Personal information

- Marital status: Married
- Nationality: Palestinian
- Date of birth: 3 Aug 1967
- Place of birth: Jenin – Palestine
- Passport No. 2659377

### Qualification/ Professional Membership

**2002-2005** *Kanazawa University* *Kanazawa/Japan*

**PhD Degree in Health Sciences** (Molecular Microbiology)

**Title of dissertation** “Inhibitors of serine/threonine phosphatases stimulate synthesis of the major immediate early proteins of human cytomegalovirus”

**2000-2002** *Kanazawa University* *Kanazawa/Japan*

**Master Degree in Health Sciences** (Molecular Microbiology)

**Title of thesis** “Establishment of a new method detecting *Chlamydia trachomatis* and epidemiological studies for the prevalence of asymptomatic human papillomavirus (HPV) and *C. trachomatis* infection in Japanese women”

**1987-1995** *Al-Quds University* *Al-Bereh/Palestine*

**Baccalaureate Degree in Medical Technology**

**2001- 2002** *Japan society of obstetrics and gynecology* *Japan*

**Member** (Reg. No. 20010381)

2003- 2005

*The Japanese society for virology*

*Japan*

Member (Reg. No. 0071904381)

### Workshops

International Thematic workshop on the use of the Stem Cell in Human Regenerative Medicine.  
10<sup>th</sup> to 18<sup>th</sup>, Jan. 2007 Islamabad, Pakistan.

### Languages

Arabic (Ex), English (V. good) and Japanese (Good)

### Research of interest

- Microbiology and immunology
  - prevalence of sexual transmitted diseases within the Palestinian population
  - Microbiology associated with Acne
  - Prevalence of taenia capitis within school children
  - Prevalence of *Enterobius vermicularis* within Palestinian preschool children.
  - Distribution of intestinal parasites in wild rodents
  - Wastewater Parasites in Jenin Al-Muqatah Valley
  
- . Palestinian biodiversity
  - Ongoing research on the birds and reptiles of Jenin governorate. Two posters and brochure were already published about the Birds in Palestine.
    - Discovery of a new breed of snakes in Palestine and ongoing work on classification
    - Recording many new species in Jenin governorate

### Academic Supervision

#### PhD degree dissertation

2006- 2009

*Ain-Shams University*

*Egypt*

The role of human papillomavirus and *Chlamydia trachomatis* infections for cervical abnormalities in West Bank

#### PhD degree dissertation

2008-

*Ain-Shams University*

*Egypt*

Developing and validating standards for dental nursing care

#### Master degree thesis

2010-

*An-Najah national University*

*Palestine*

Diarrheagenic *Escherichia coli* prevalence and related factors among children, Jenin Governorate

### Rewards

- 1- Fund from the Arab University Union for the STD in Palestine 2007
- 2- Jenin governorate rewards for excellence 2010
- 3- Japanese representative rewards for the Palestinian-Japanese cultural exchange

## **Publications**

### **Journals**

- 1- **Hypericum Triouetrefolium-Derived Factors Down Regulate The Production Levels Of LPS-Induced Nitric Oxide And Tumor Necrosis Fator- $\alpha$  IN THP-1 Cells.** eCAM. 2008
- 2- **Human cytomegalovirus replication in human embryonic fibroblast transformed by 60 Coy irradiation,** Palestinian Med. J. 2005; 1 (2): 72-77
- 3- **A human papillomavirus type 16 vaccine by oral delivery of L1 protein,** Virus Res. 2005, 110: 81-90.
- 4- **Geldanamycin, a potent and specific inhibitor of Hsp90, inhibits gene expression and replication of human cytomegalovirus,** Antivir Chem Chemother., 2005, 16: 137-148
- 5- **Inhibitors of serine/threonine phosphatases stimulate synthesis of the major immediate early proteins of human cytomegalovirus,** Journal o f the Tsuruma Health Sci. Med. Kanazawa Univ., 2004, 28: 19-24
- 6- **The role of human papillomavirus and *Chlamydia trachomatis* infection for cervical cancer.** Acta Obstetrica et Gynaecologica Japonica, 2002, 54(2):565
- 7- **Hybrid capture-II and LCR-E7 PCR assays for HPV typing in cervical cytological samples,** Int J Cancer, 2001, 94(2):222-22
- 8- **High-risk and multiple HPV infection associated with cervical abnormalities in Japanese women,** Cancer Epidemiol Biomarker,Prev, 2001, 10:45-52
- 9- **A new PCR- based assay amplifies the E6- E7 genes of most mucosal human papillomaviruses (HPV),** Virus Res, 2000, 67:127-139

### **Conferences**

- 10- **Prevalence of human papillomavirus and *Chlamydia trachomatis* infection in paired urine and cervical smear samples of Palestinian young women.** 3<sup>rd</sup> Medical conference Adolescent and Youth Health: Development and Future Challenges. 2010 An-Najah National University, Nablus, Palestine

- 11- **Hepatocyte growth factor is one of the upstream regulators for human cytomegalovirus replication in human lung fibroblast.** The Second Conference on Biotechnology Research and Application in Palestine. 2010 Nablus, Palestine.
- 12- **Effect of Carob (*Ceratonia siliqua L*) male flower on the ovulation in mice.** The Second Conference on Biotechnology Research and Application in Palestine. 2010 Nablus, Palestine
- 13- **Prevalence of Familial Mediterranean Fever (FMF) V726A Mutation within University students in Northern Part of Palestinian.** 6<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2010 Alquds University, Palestine
- 14- ***Enterobius vermicularis* egg positive rate in preschool children in Jenin governorate in Palestine.** 6<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2010 Alquds University, Palestine
- 15- **Effect of oral antibiotic on serum vitamin B12 level.** 6<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2010 Alquds University, Palestine
- 16- **The prevalence of human papillomavirus and *Chlamydia trachomatis* infection in paired urine and cervical smear samples of palestinian women.** The First Conference on Biotechnology Research and Application in Palestine. 2009 Bethlehem, Palestine
- 17- **Hepatocyte growth factor is one of the upstream regulators for human cytomegalovirus replication in human lung fibroblast.** The First Conference on Biotechnology Research and Application in Palestine. 2009 Bethlehem, Palestine
- 18- **Inhibitory activity of *Ecballium elaterium* on human cytomegalovirus replication.** The First Conference on Biotechnology Research and Application in Palestine. 2009 Bethlehem, Palestine
- 19- **Anti-inflamntory effects of herbal-derived factors are mediated by down regulation of pro-inflammatory cytokines,** Morocco 2008
- 20- **High sensitive PCR based assay revealed high prevalence of Human Papillomavirus Infection within Palestinian women.** The fifth international conference on biological sciences. 2008 Tanta, Egypt.
- 21- **Prevalence of Human Papillomavirus Infection within Palestinian women.** The 5<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2008 AAUJ, Palestine
- 22- **A new PCR-based test revealed high prevalence of asymptomatic urogenital *Chlamydia trachomatis* infections.** The 5<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2008 AAUJ, Palestine

- 23- Evaluation of pressure ulcer healing activity of Sage (*Salvia officinalis*) extracts on rats.** The 5<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2008 AAUJ, Palestine
- 24- Herbal-derived factors down regulate the production levels of nitric oxide and pro-inflammatory cytokines IL-6 and TNF $\alpha$  in LPS-activated THP-1 cells.** The 5<sup>th</sup> Palestinian Conference for Clinical Laboratories. 2008 AAUJ, Palestine
- 25- The anti-psoriatic effects of *Hypericum triquetrifolium* and *Peganum harmale* derived factors are mediated by inflammatory cytokines.** 2007, Amman, Jordan
- 26- Neutralization of hepatocyte growth factor inhibits human cytomegalovirus replication in human lung fibroblast.** From Genes to Patients: New Perspectives on Personalised Medicines. One Day Symposium: Wednesday 5<sup>th</sup> July 2006, Warwick University, UK.
- 27- Hepatocyte growth factor/c-Met pathway is upstream regulator for human cytomegalovirus.** Health sciences conference, 2006, Palestine.
- 28- Human cytomegalovirus replication cycle is regulated by hepatocyte growth factor/c-Met pathway.** Frontiers in genetics II. Annual Meeting of the society of genetics in Israel, 2006, Israel.
- 29- Human cytomegalovirus replication in human embryonic fibroblast transformed by 60 Coy irradiation.** The first Palestinian medical and health conference, 2005, Palestine
- 30- Heat shock protein 90 (Hsp90) plays a crucial role in human cytomegalovirus replication cycle.** 52<sup>nd</sup> conference for the Japanese society for virology, 2004, Japan
- 31- Serine/threonine phosphatase inhibitors stimulate synthesis of the HCMV major immediate early (MIE) proteins.** 51<sup>st</sup> conference for the Japanese society for virology, 2003, Japan
- 32- The role of human papillomavirus and *Chlamydia trachomatis* infection for cervical cancer.** The 54 conference for Japan society of obstetrics and gynecology, 2002, Japan
- 33- High-risk HPV infection and serological response in uterine cervixes of Japanese women.** The 13 conference DNA Tumour Viruses and Cell Cycle Regulation in Cancer, 2001, England
- 34- Epidemiology of HPV and Chlamydia infections in cervical cells and urine samples.** The second conference for Japanese society for infectious disease, 2000. Japan

- 35- Mucosal immunity on the cervix determined with IgA response to HPV capsid protein in the cervical secretion.** 18th international papillomavirus conference, 2000, France

## Work experiences

**2009-** *An-Najah National University* *Nablus/Palestine*  
**Assistant professor**

(Faculty of Medicine and Health Sciences, Department of Immunology and Microbiology)

- \* Head of the department of Immunology and microbiology
- \* Lecturer of Immunology , microbiology and Applied Biotechnology

### **Faculty trainer**

Center for Excellence in Learning and Teaching (CELT)

- \* Facilitator of problem based learning (PBL) and action research at the

**2005- 2009** *Arab American University - Jenin* *Jenin/Palestine*  
**Assistant professor**

(Faculty of Allied Medical Sciences, Department of Medical Lab. Sciences)

- \* Lecturer of Medical Parasitology, Molecular Biology, Medical Genetics, Genetic Counseling, Research, Seminar, Coagulation and Homeostasis and Microtechnique courses.
- \* Coordinator for the graduation projects.
- \* Member in the scientific committee.

**1995-** *Basha Scientific Centre* *Jenin/Palestine*  
**Scientific Lab. Manager**

- \* Preparing Educational substances. (Microscopic slides, overhead projector slides for 12<sup>th</sup> grade biology course, kids' books and dissected-preserved animals)
- \* Medical molecular test for humans and animals.
- \* Animal researches
- \* Environmental research and studies

**1995-1999** *Latin Patriarcate Secondary School* *Zabbabdeh/Palestine*  
**Teacher**

- \* Biology & science teacher for secondary and primary stages.
- \* Responsible for the biology lab.
- \* Responsible for educational tools.

**1995-1999** *Latin Patriarchate & Governmental School* *Palestine*  
**Supervisor**

- \* Training teachers for new biology courses.
- \* Training teachers for Laboratory experiments.
- \* Training teachers for preparing educational tools.

## **Volunteer experience**

<b>2008-</b> Vice president	<b><i>Palestinian Scientific Society</i></b>	<b><i>Jenin/ Palestine</i></b>
<b>1998-</b> Member in the administration team	<b><i>Palestinian Nature Protection Society</i></b>	<b><i>Jenin/ Palestine</i></b>
<b>1998 - 2007</b> Member	<b><i>Palestinian wildlife society</i></b>	<b><i>Palestine</i></b>
<b>2007 -</b> Member	<b><i>Patient friends society</i></b>	<b><i>Palestine</i></b>
<b>2006 -</b> Member of the referee interviewers for the scholarship candidates of the Japanese Ministry of Education, Culture, Sport, Sciences and Technology	<b><i>Japanese Embassy in Tel-Aviv</i></b>	<b><i>Palestine &amp; Israel</i></b>