

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.
10th to 18th, 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 of Palestine.
 - Discovery of a new breed of snakes in Palestine and ongoing work on classification
 - Recording many new species in Jenin governorate
 - Built the two Environmental Pathway in Jenin

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- 2012

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 2010

- 4- Fund from IUCN for Marj Sanour Biodiversity (report published in 2010)
- 5- Fund from world vision for implementation of environment friendly charcoal production retort. 2010
- 6- Fund from world vision for environmental impact assessment for charcoal production technology in west Jenin (Yabad village), environmental friendly alternatives proposal. (report published in 2009)

Publications

Journals

- 1- ***Hypericum Triouet trifolium*-Derived Factors Down Regulate The Production Levels Of LPS-Induced Nitric Oxide And Tumor Necrosis Fator- α 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.** 3rd 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.** 6th Palestinian Conference for Clinical Laboratories. 2010 Alquds University, Palestine
- 14- ***Enterobius vermicularis* egg positive rate in preschool children in Jenin governorate in Palestine.** 6th Palestinian Conference for Clinical Laboratories. 2010 Alquds University, Palestine
- 15- **Effect of oral antibiotic on serum vitamin B12 level.** 6th 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-inflammatory 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 5th Palestinian Conference for Clinical Laboratories. 2008 AAUJ, Palestine
- 22- **A new PCR-based test revealed high prevalence of asymptomatic urogenital *Chlamydia trachomatis* infections.** The 5th Palestinian Conference for Clinical Laboratories. 2008 AAUJ, Palestine

- 23- Evaluation of pressure ulcer healing activity of Sage (*Salvia officinalis*) extracts on rats.** The 5th 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 α in LPS-activated THP-1 cells.** The 5th 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 5th 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.** 52nd conference for the Japanese society for virology, 2004, Japan
- 31- Serine/threonine phosphatase inhibitors stimulate synthesis of the HCMV major immediate early (MIE) proteins.** 51st 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 12th 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 Patriarchate 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

2008-
Vice president

Palestinian Scientific Society

Jenin/ Palestine

1998-
Member in the administration team

Palestinian Nature Protection Society

Jenin/ Palestine

1998 - 2007
Member

Palestinian wildlife society

Palestine

2007 -
Member

Patient friends society

Palestine

2006 -
Member of the referee interviewers for the scholarship candidates of the Japanese Ministry of Education, Culture, Sport, Sciences and Technology

Japanese Embassy in Tel-Aviv

Palestine & Israel