

Curriculum Vitae

First Name: Laleh

Last Name: Dehghan Marvast

Gender: Female

Date of Birth: 1971

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Education and Positions:

- Oct 2013- Present**
 - Research Associate, Andrology Lab, Yazd Reproductive Sciences Institute.

- Jul 2008 - May 2013**
 - University of Sheffield United Kingdom– Medical School
PhD student, MD- PhD (Reproductive Biology- Andrology- Male infertility and sexual transmitted diseases)
Supervisor: Dr Allan Pacey

- 2006-2008:**
 - Research Staff Scientist, Yazd Infertility and Reproductive Sciences Institute, Iran

- 1998-2006**
 - Private clinical practice–Yazd–Iran (2003-2005).
 - Medical practice– Marvasti Hospital–Tehran–Iran (2000-2002).
 - Medical practice– National Base Health Centre–Yazd–Iran (1998-2000).
 - Permanent Medical Practice Licensure– Ministry of Health–Iran (1998).

- 1991-1998**
 - Doctor of Medicine (MD) – Yazd Shahid Sadoughi University of Medical Sciences (SSUMS) Yazd–Iran.
The thesis for my medical degree involved evaluating of 1500 deliveries (Natural/CS) to find the prevalence of Meconium Aspiration Syndrome (MAS) by analysing data and patient’s interview and notes.

- 1989**
 - High School Diploma–Yazd–Iran

Relevant Ph.D Skills:

- Cell culture– Chlamydia culture and purification.
- Chlamydial staining– Direct Immuno Fluorescence (DIF) staining.
- Extraction of DNA from high value bacterial samples–urine–semen.
- Polymerase chain reaction (PCR) – Nested plasmid PCR.

- Chlamydial serology test– Micro Immuno Fluorescence (MIF) staining– IgG, IgA and IgM antibodies to *C. trachomatis* detection.
- Cloning of *Mycoplasma genitalium* in *E. coli*.
- Andrology training (in the world recognised Andrology lab) – Semen analysis including: concentration, motility, sperm antibody test.
- Sperm morphology assessment: Papanicolaou staining – CASA system.
- Sperm DNA fragmentation study– TUNEL assay to determine double strand DNA breaks.
- Sperm chromatin study:
 - Aniline Blue staining– Detection of residual histone
 - Toluidine Blue – sperm nuclear chromatin condensation
 - Chromomycine A3 – Evaluation of protamination
 - Acridine Orange – Sperm chromatin condensation anomalies
- ELISA– Detection of seminal plasma interleukins (IL6& IL8)

Medical degree Skills:

- History taking and physical examination, basic life support, EKG and plain X-Ray and laboratory results interpretation, emergency room practices, minor surgical procedures, medical terminology and knowledge and skills in the areas related to the Internal Medicine.

Research Communications:

Laleh Dehghan Marvast, Abbas Aflatoonian, Alireza Talebi, Jalal Ghasemzadeh, and Allan Pacey; Semen inflammatory markers and *Chlamydia trachomatis* infection in male partner of infertile couples. **Under publication**

Laleh Dehghan Marvast, Abbas Aflatoonian, Alireza Talebi and Allan Pacey; The role of *C. trachomatis* and *M. genitalium* in infertile couples from Iran. **Under publication**

Laleh Dehghan Marvast, Alireza Talebi, Jalal Ghasemzadeh, and Allan Pacey; Chlamydia trachomatis infection and sperm chromatin damage in infertile men. **Under publication**

L Marvast, A Talebi, J Ghasemzadeh, A Pacey; Seminal inflammatory markers and semen parameters in *C. trachomatis* infected males of infertile couples from Iran, Poster presentation, The Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 5th Yazd international congress 19-21 April 2013.

L Marvast, A Pacey; IgG antibody to *C. trachomatis* is not related to tubal factor infertility, semen parameters or inflammatory markers, Oral presentation, The University of Sheffield, Northern General Hospital, 2nd July 2012.

L Marvast, A Eley, A Pacey; Immunoglobulin G antibody to *Chlamydia trachomatis* is not related to semen parameters or inflammatory markers, Poster presentation, BFS annual meeting, Leeds, UK, 6-7 Jan 2012. Abstract has been published at: *Human Fertility*, 2011; 14(S1): 4–31.

L Marvast, A Eley, A Pacey; Semen inflammatory markers and semen parameters in males of infertile couples from Iran, Abstract & Poster presentation, Research day, The University of Sheffield, Sheffield, UK, 20-21 June 2011.

L Marvast, C. trachomatis serum antibodies and semen parameter, Oral presentation, Research and Clinical Centre for Infertility, Yazd, Iran, April 2010.

L Marvast, Male infertility and C. trachomatis, Oral presentation, Health Protection Agency (HPA), Centre for infections, London, UK, June 2009.

L Marvast, The role of C. trachomatis and M. genitalium in infertility, Oral presentation, The University of Sheffield, Medical School, Sheffield, UK, 8 May 2009

L Marvast, Clinical Manifestations of Meconium Staining and Meconium Aspiration Syndrome, Oral Presentation, Workshop on infantile respiratory distress, Held by SSUMS, Sadoughi University of Medical Sciences, Yazd, Iran, 11-14 November 2004

L. Marvast, M. Mahdavi, Z. Nafei, Z. Eslami; Meconium staining and Meconium Aspiration Syndrome: Prevalence study in Yazd, Iran. Oral presentation, SSUMS, Yaz, Iran, 1998

Public engagement (supporting Infertility Research Trust) 28th September 2012 at The University of Sheffield, UK,

Public engagement (supporting Infertility Research Trust) 9th March 2013 at Town hall, Sheffield, UK,

Supervising MSc students at Yazd Reproductive Sciences Institute

Reviewer for Iranian Journal of Reproductive Medicine (IJRM) 2008- present

Other Skills:

Medical Statistic (2008)

Information technology in scientific research (2001)

Computer and IT skill development (1999)

Research Methodology (1998)

References:

Dr Allan Pacey, Level 4 the Jessop wing (JW4 08), Jessop Wing Hospital, Sheffield, UK, S10 2 SF.
A.Pacey@sheffield.ac.uk, 0044-1142268290

Dr Adrian Eley, LU112 L floor, Medical School, The University of Sheffield, Sheffield, UK, S10 2RX.
A.R.Eley@sheffield.ac.uk, 0044-114 2261427

Prof Abbas Aflatoonian, Research and Clinical Centre for Infertility, Bou -Ali Avenue, Safayeh, Yazd, Iran.
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