

# Raed Mohammad Kanan

Citizenship : Jordanian Date of birth : 8 /Feb/ 1972

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## Address

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Wasfi Al Tal street ( Gardenz)

## Education

<b>Degree:</b>	<b>Ph.D. In Medical Genetics</b>	<b>Date degree awarded:</b>	<b>1999</b>
<b>Faculty:</b>	Faculty of Medicine	<b>University:</b>	<b>University of Newcastle-United Kingdom</b>
<b>Major:</b>	<b>Medical Genetics</b>		
<b>Title of Thesis:</b>	<b>Molecular biology and Biochemistry of Vitamin D binding proteins in metabolic bone diseases</b>		
<b>Degree:</b>	<b>MSc. in Medical Genetics</b>	<b>Date degree awarded:</b>	<b>1995</b>
<b>Faculty:</b>	Medicine	<b>University:</b>	University of Newcastle-United Kingdom
<b>Major:</b>	<b>Medical genetics</b>		
<b>Title of Thesis:</b>	<b>Linkage analyses of Colon cancer genes in HNPCC families</b>		
<b>Degree:</b>	<b>BSc. in Biomedical Technology</b>	<b>Date degree awarded:</b>	<b>1994</b>
<b>Faculty:</b>	Faculty of Science	<b>University:</b>	University of Jordan
<b>Major:</b>	<b>Medical Laboratory</b>		

## Work Experience

Biogen Laboratories	Nov/2014	Now	<b>Laboratory Manager</b>	<b>Managing and directing advance diagnostics Lab technology</b>	<b>Full time</b>
King Saud Bin Abd-Alaziz for Health Sciences-SA	Sep/2009	Jun/2014	<b>Assistant Prof.</b>	<b>Teaching and Research</b>	<b>Full Time</b>
Philadelphia University-JOR	Feb/2003	Aug/2009	<b>Assistant Prof.</b>	<b>Teaching and Research</b>	<b>Full time</b>
Saad Specialist Hospital--SA	Feb/2002	Jan/2003	<b>Supervisor /Senior Lab technician</b>	<b>Supervising Genetic lab and senior technician in biochemistry and hematology</b>	<b>Full time</b>
Consulting Medical Laboratories -JOR	Sep/1999	Sep/2001	<b>Supervisor/ R&amp;D</b>	<b>Supervising Genetic lab and Research and development for new tests and Lab materials</b>	<b>Full time</b>
Modern Medical Laboratories -JOR	Jan/1994	Sep/1994	<b>Lab technician</b>	<b>Routine/Hematology &amp; Biochemistry</b>	<b>Full time</b>

## Courses Taught

University/Institution	Course title	Language of instruction
Philadelphia University	Biology	English
Philadelphia University	Basic Genetics & Labs	English
Philadelphia University	Human Genetics	English
Philadelphia University	Basic Immunology & Labs	English
Philadelphia University	Bioinformatics	English
Philadelphia University	Biosensors	English
Philadelphia University	Lab Administration and management	English, Arabic
Philadelphia University	Animal Cell Culture and Lab	English
King Saud Bin Abd-Alaziz for Health Sciences	Molecular Diagnostics and Lab	English
King Saud Bin Abd-Alaziz for Health Sciences	Immunology	English
King Saud Bin Abd-Alaziz for Health Sciences	Laboratory Management	English
King Saud Bin Abd-Alaziz for Health Sciences	Laboratory Medicine Case Studies	English
King Saud Bin Abd-Alaziz for Health Sciences	Laboratory Medicine Seminars	English

## Published Papers

- 1) **Kanan RM**, Rathod H, Datta HK (1997). Protein Kinase induction of pp125pp125Fak in monocytes by colony stimulating factor-GM: Evidence for a synergistic effect of the cytokine and 1,25-dihydroxyvitamin D3. **J Endocrinal**
- 2) Papiha SS, Allcroft LC, **Kanan RM**, Datta HK (1999). Vitamin D binding protein (DBP) gene in male osteoporosis: association of plasma DBP and bone mineral density with (TAAA) n-Alu polymorphism in DBP. **Calcif Tiss Int.**
- 3) Datta HK, Cook DB, **Kanan RM** (1999). Evidence for continuous basal generation of Gc-MAF: Absence in infantile osteopetrosis and restoration following bone marrow transplant. **Blood**
- 4) **Kanan RM**, Varanasi SS, Francis RM, Parker L, Datta HK (1999). Vitamin D receptor gene start codon polymorphism (*FokI*) influence bone mineral density in healthy male subjects. **Osteoporos Int**
- 5) **Kanan RM**, Cook DB, Datta HK (2000). Immunoassay for macrophage activating factor (gc-MAF) produced by lymphocyte-dependent deglycosylation of Gc-globulin: Evidence of non-inducible generation of Gc-MAF. **Clin Chem.**
- 6) **Kanan RM**, M Mesmar (2008). The effect of vitamin D receptor and estrogen receptor gene polymorphisms on bone mineral density in healthy and osteoporotic postmenopausal Jordanian women. **IJIB**
- 7) Mesmar M, **Kanan RM** (2009). Possible association of combined Vitamin D receptor and Estrogen receptor genotypes and low bone mineral density in Jordanian Postmenopausal women. **Gen. Test**
- 8) **Kanan RM**, Hasan NM (2010). Red/Pink Rat (*Rattus norvegicus*): Diet, Stain Or A New Strain?. **IJIB**
- 9) **Kanan RM**, Al Saleh YM, Fakhoury HM, Adham M, Aljaser S, Tamimi W.(2012) Year-round vitamin D deficiency among Saudi female out-patients. **Public Health Nutr.**
- 10) **Kanan RM** (2013) The effect of FokI vitamin D receptor polymorphism on bone mineral density in Jordanian perimenopausal women. **Indian J Human Genetics**

## Abstracts

Title of Abstract	Title of Conference/Seminar	Location	Date
Vitamin D Receptor Gene polymorphisms in Jordanian postmenopausal women	Conference for Arabic Biological and medical technologies	Jordan	2001
The effect of vitamin D receptor and estrogen receptor gene polymorphisms on bone mineral density in healthy and osteoporotic postmenopausal Jordanian women	JEBC 2008	Jordan	2008
Bioinformatics : Computing Life	Jerash University	Jordan	2008
Bioinformatics : Understanding Life	Zarqa University	Jordan	2008

## Workshops Conducted

Title of Workshop	Target Audience	University	Date
Biostatistics in Genetics	Students (BSc. Level)	Philadelphia University	2004
Epidemiology of Genetic Disorders	Students (BSc. Level)	Philadelphia University	2007

## E-Learning

Title of Learning Course	Degree	University awarded degree	Date
Biology	BSc. In Biotechnology	Philadelphia University	2006

## Thesis Supervision

Title of theses or dissertation	Degree awarded	University awarded degree	Date
Human Genome Search Engine	BSc. In information Technology	Philadelphia University	2004
Sero-Typing and Genotyping for <i>Salmonella typhi</i> in North of Jordan	Msc. In medical analysis	Yarmouk University	2007
Bioinformatical analysis of snRNA	Msc. In bioinformatics	Yarmouk University	2008

**Workshops Attended**

Title	Location	Duration	CME

**Social/Other Activities**

Lecture	Human Genome mapping Project ( Past, Present, Future)	Amman	2000
Consultation	Ask an Expert volunteer service	www.allexperts.com	2006-now

**Computer Skills**

ICDL Certificate	Windows XP . MS office 2003, Internet
Web Site Programming	<a href="http://dr-kanan.com/">http://dr-kanan.com/</a>
Bioinformatics Programming	<a href="http://dr-kanan.com/DNA-Email.php">http://dr-kanan.com/DNA-Email.php</a>

**Languages**

Arabic (native)	English (fluent, TOFEL 600/650)	French & Spanish (basic)
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