

CURRICULUM VITAE

DR. NERVANA BAYOUMY

ASSISTANT PROFESSOR

Nationality: Saudi

Material Status: Married

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CURRENT POSITION

2007 till present **Assistant Professor**
Physiology Department, Collage of Medicine, King Saud University.

WORK EXPERIENCE

2001 to 2007 **Lecturer**
Physiology Department, Collage of Medicine, King Saud University.

1995 to 2001 **Resident**
Physiology Department, King Khaled University Hospital, Riyadh.

1993 to 1995 **Senior House Officer**
Haematology & Bone Marrow Transplant, Riyadh Armed Forces Hospital.

EDUCATION

PhD (Medicine) Aberdeen University-United Kingdom

M.Sc. (Physiology) King Saud University-Saudi Arabia
(4.48 average)

M.B.B.Ch. Cairo University – Egypt
(Very good with honor)

AWARDS

- Senior House Officer of the year 1994, Riyadh Armed Forces Hospital.
- Resident of the year 1996, King Khaled University Hospital.

ACADEMIC DUTIES

Course Organizer for Dental PSL-211 (Academic year 1428-1429).

Activities:

- Head of the research laboratory establishment committee at Collage of Medicine (Female Section), Mallaz.

- Deputy administration supervisor to Collage of Medicine (Female Section), Mallaz.

- Member of the Academic accreditation Committee (Learning and Teaching subcommittee).

- Member of the subcommittee supervising the University website (Collage of Medicine, Female Section), Mallaz.

RESEARCH INTEREST

My PhD research focused on genetic epidemiology of complex cardiovascular disease. I carried out large-scale family genome scan and case-control association studies into complex cardiovascular traits. Also, I have investigated the contribution of common polymorphisms in genes of the coagulation system and inflammatory pathway to the risk of myocardial infarction, and utilized the approach of 'Mendelian randomisation' in order to test the causality of hypothesised novel cardiovascular risk factors in coronary disease. I was fortunate to able to utilize all the available study designs and methodology in studying complex diseases. I gained considerable knowledge and practical experience in human genetics.

My main interest is genetic research into the fundamental and applied aspects of inherited and acquired diseases (complex/monogenic) to improve information for families of those affected, help identify new targets for novel therapies, and create models of disease that can be used in therapeutic research.

PUBLICATIONS AND ORAL PRESENTATIONS

- **Nervana Bayoumy**, MJ Macleod, Michael Greaves, Mark Vickers. **ABO blood group in cerebrovascular accident patients.** British Journal of Haematology, 133, (Suppl. 1), 51.

- **Nervana Bayoumy**, Isobel Ford, Michael Greaves, Bernard Keavney, Mark Vickers. **Genetic analysis of von Willebrand factor (VWF) levels: risk factor for thromboembolic diseases.** British Society for Thrombosis and Haemostasis, Chester, UK 2005.
- [Abdel Gader AM](#), [Al-Mishari AA](#), [Awadalla SA](#), [Buyuomi NM](#), [Khashoggi T](#), [Al-Hakeem M](#). **Total and free tissue factor pathway inhibitor in pregnancy hypertension.** Int J Gynaecol Obstet. 2006 Dec;95(3):248-53. Epub 2006 Oct 27.
- O Wu, **Nervana Bayoumy**, Mark Vickers, Peter Clark. **ABO(H) blood groups and vascular disease: a systematic review and meta-analysis.** J Thromb Haemost 2008;6: 62-9.
- Mark Vickers, **Nervana Bayoumy**, Bernnard Keavney. **Heritability and genetic screen of inflammtory markers in British families.** Submitted

Nervana Bayoumy, Isobel Ford, Michael Greaves, Bernard Keavney, Mark Vickers. **Genome wide linkage analysis of von Willebrand factor antigen levels.** Presented at the 46th annual of the British Society for Haematology meeting incorporating the Netherlands and British Haemostasis and Thrombosis Societies meeting, Edinburgh, 2006. Published in British Journal of Haematology, 133, (Suppl. 1), 21.

Nervana Bayoumy, A Al-.Mishari, AMA Gader. **Natural coagulation inhibitors during normal and complicated pregnancy in Saudi women .** Presented at the 2nd annual Haematology and Blood Transfusion meeting, Riyadh, 2000.

COURSES, SEMINARS AND WORKSHOPS

1. **RNA inference (RNAi) methodology**, Bio-Rad seminar, 2007.

2. **Master of Science in Medical Molecular Genetics**, Aberdeen University, UK (2002) (first half session) covering; genetic techniques, genetics of common diseases, human population genetics and medical genetics.
3. **Introductory and Intermediate Medical Statistics Courses**, Aberdeen University, UK (2003-2005).
4. **Fibrinolysis and Inhibitors Workshop**, Institute of Medical Science, Aberdeen, UK (2004).
5. **Research Governance Framework Course**, Aberdeen University, UK (2004).
6. **XIX Congress of the International Society on Thrombosis and Haemostasis (ISTH)**, Birmingham, UK (2003).
7. **Scottish Haematology Society and Scottish Academic Haematology Forum Joint Annual Meeting**, Carnoustie, UK (2003).
8. **Planning and Performing a Research Study and Writing & Presenting a Scientific Paper Intensive Course**, King Saud University, Saudi Arabia (2002).
9. **Third International Symposium on Haematology and Blood Transfusion**, Riyadh, Saudi Arabia (2001).
10. **Second International Symposium on Haematology and Blood Transfusion**, Riyadh, Saudi Arabia (2000).
11. **Radiation Protection Course for Clinicians and Hospital Staff**, Riyadh Armed Forces Hospital, Saudi Arabia (1998).
12. **Annual Medical Imaging Symposium**, King Saud University, Saudi Arabia (1997).
13. **Basic Course in General, Obstetrics and Gynaecology Ultrasound**, Riyadh Armed Forces Hospital, Saudi Arabia (1997).
14. **Third Annual Basic Echo-doppler course and Workshop**, Riyadh Armed Forces Hospital, Saudi Arabia (1995).

15. **XXI International Congress of Pediatrics**, Cairo, Egypt (1995).
16. **Emergency Medicine and Bronchial Asthma Symposium**, Riyadh Armed Forces Hospital, Saudi Arabia (1994).
17. **Fourth Advanced Medicine Symposium**, Riyadh Armed Forces Hospital, Saudi Arabia (1993).

