



The Richard Doll Seminars  
in Public Health & Epidemiology

## Dr Linda Fitzgerald

*St. George's, University of London*

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“Non-invasive screening  
for fluctuations in  
immune resilience”

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**Tuesday 5<sup>th</sup> March 2013**

**1-2 pm**

**Lecture Theatre, Richard Doll Bldg, Old Road Campus**

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All welcome



### Dr Linda Fitzgerald

St. George's, University of London



Lynn Fitzgerald trained as a clinical immunologist with Professor Ivan Roitt (now FRS) at the Middlesex Hospital (now UCL) University of London, gaining an MPhil Faculty of Science and a PhD Faculty of Medicine. She developed novel immune-assays to distinguish molecular differences between patients with auto-immune disease, and to provide an 'early warning' of adverse responses to gold therapy. She was a member of the WHO Committee for standardisation of laboratory methods for circulating immune complex detection.

As Senior Research Fellow (now Hon) at St George's Medical School, University of London (SGUL) since 1983, her research focused on identifying inflammation markers in high-risk intensive care patients to provide 'early warning' of sepsis syndrome developing.

As a competitive runner at that time, Lynn employed saliva assays to monitor elite sportsmen, the effects of trauma and stress serving as a model for ITU patients. Her 1988 Exercise and the Immune System paper led to The International Society of Immunology and Exercise in 1993. The BBC2 television programme 'Fit to Drop' in 1993 led to becoming Reader in Sports Medicine at Brunel University in 1994, and consultancies, including the Royal Marines, Lawn Tennis Association, WRU, SARU, RFU, FA, Premier League and Italian football clubs.

Current research includes pre-vaccination screening to identify children who may benefit from brief nutritional support to assist an adequate immune response to subsequent vaccination.