

Dr Anita Pye PhD

Research Fellow / Clinical Trials Co-ordinator

Cardiovascular and Respiratory Sciences

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About

Anita Pye is a Research Fellow in the School of Clinical and Experimental Medicine working in Clinical Trials.

Qualifications

- Ph.D 1994
- B.Sc (Hons) 1989

Biography

Anita Pye qualified with a B.Sc (Hons) in Applied Biology from Trent Polytechnic Nottingham in 1989. She went on to study for a Ph.D at the University of Birmingham. She spent 14 months working at the State University of New York at Buffalo, USA, together with a short period of time at the University of Amsterdam, The Netherlands as part of her research looking at non-typeable *Haemophilus influenzae* in chronic lung disease.

Anita Pye is responsible for overseeing the daily running of a microbiology research laboratory which processes samples from specialist outpatient clinics for patients with chronic lung diseases and also serves as a central screening laboratory for international clinical trials. She has experience in all aspects of organisation and administration of large and complex clinical trials including 2 major international, multi-centre clinical trials in alpha-1 antitrypsin deficiency and several trials in patients with COPD and Bronchiectasis.

Research

Assessment and characterisation of bacterial load in chronic lung diseases, including Bronchiectasis and alpha-1 antitrypsin deficiency. Particular interest in non-typeable *Haemophilus influenzae* and *Pseudomonas aeruginosa*.

Other activities

Involved with the organisation of the biennial international, multi-disciplinary conferences on COPD held at the International Convention Centre, Birmingham since 2000.

Publications

Hill SL, Bilton D, Johnson MM, Pye A, Mitchell JL, Stockley RA (1994) Sputum and serum pharmacokinetics of loracarbef (LY163892) in patients with chronic bronchial sepsis. **J.Antimicrob. Chemother.** 33: 129-136

Bilton D, Pye A, Johnson MM, Mitchell JL, Dodd M, Webb AK, Stockley RA, Hill SL (1995) The isolation and characterisation of non-typeable *Haemophilus influenzae* from the sputum of adult cystic fibrosis patients **Eur.Respir.J.** 8: 948-953.

Pye A, Stockley RA, Hill SL (1995) Simple method for quantifying viable bacterial numbers in sputum. **J.Clin.Pathol.** 48: 719-724.

Llewellyn-Jones CG, Johnson MM, Mitchell JL, Pye A, Okafor VC, Hill SL, Stockley RA (1995) *In vivo* study of indomethacin in bronchiectasis: effect on neutrophil function and lung secretion **Eur. Respir. J.** 8: 1479-1487.

Klingman KL, Pye A, Murphy TF, Hill SL (1995) Dynamics of respiratory tract colonization by *Branhamella catarrhalis* in Bronchiectasis **Am.J.Respir.Crit.Care Med.** 152: 1072-1078.

Stockley RA, O'Brien C, Pye A, Hill SL (2000) Relationship of Sputum color to nature and outpatient management of acute exacerbations of COPD **Chest** 117:1638-1645

Pye A, Hill SL, Bharadwa P, Stockley RA (2008) Effect of storage and postage on recovery and quantitation of bacteria in sputum samples **J Clin Pathol** 61: 352-354

Stockley RA, Pye A (2009) Reply to: Brusse-Keizer MGJ, et al. Relation of sputum colour to bacterial load in acute exacerbations of COPD **Respir Med** 103: 939-940

