

## Dr Anita Pye PhD

Research Fellow / Clinical Trials Co-ordinator

Cardiovascular and Respiratory Sciences

### Contact details

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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



