

# Curriculum Vitae

## Les Rose

***BSc CBiol MIBiol FICR MAPM***

**11 Montague Road, West Harnham, Salisbury, SP2 8NJ**

**Email: les@pharmavision-consulting.co.uk**

**Tel/Fax: +44 (0)1722 322945**

**www.pharmavision-consulting.co.uk**

### PROFILE

A highly experienced drug development manager/director. Trainer and consultant in project management, frequent conference contributor and author.

A graduate biologist with over 30 years in the pharmaceutical industry, mainly in clinical research. Established a specialist clinical science consultancy, growing the business with virtually no initial working capital. Developed a consultancy practice in clinical project management. Excellent communicator as well as listener, fully conversant with modern technologies for business and drug development, commercially aware. Highly structured thinker, always backs an argument with well-organised evidence. Able to win co-operation from team members. Analytical problem-solver, persistent and unrelenting. Totally focussed on results.

### ACHIEVEMENTS (EXAMPLES)

Single-handedly managed a two-year 12,000-patient cardiovascular prevalence study, working with leading academic centres.

- Delivered results within a budget of £250,000.
- Developed computer systems for data processing, while largely working alone.
- Project published as a landmark paper.

Led a small independent CRO as owner-manager for 12 years, while most competitors disappeared or were taken over by larger companies.

- Built up a team of associates for larger projects.
- Built a substantial business using in-house developed software for ECG processing.

Wrote a chapter on clinical trials for a book on pharmaceutical project management.

- Researched material from consultancy and training practice.
- Liaised with editor regarding format and content.
- Delivered on-time within three months.

Built up a unique practice in clinical project management

- Worked with a management consultant to develop a specialist course for clinical trials.
- Delivered The Clinical Project Management Course for Management Centre Europe for 8 years.
- Delivered over 50 in-company courses in many countries around the world.
- Consults with companies to customise course material to their needs.

Conceived the idea for a 'holistic' approach to clinical trial project management using the Internet

- Negotiated with investors, partners and clients.
- Forged a team to deliver the system in record time (4 months).
- Led pilot studies to completion on time with 100% data quality.

## CAREER PROGRESSION

August 2000-	<b>Clinical Science Consultant (Pharmavision Consulting Ltd)</b> Project management in drug development (clinical research phases I-IV), medical writing and editing, project management training and consultancy.
June 1999- July 2000	<b>Interstella Ltd/Interstella Global Ltd [Internet clinical trials]</b> Managing Director/Consultant
1987-1999	<b>Medical Scientific Services Ltd [contract research and consultancy]</b> Managing Director
1982-1986	<b>Bristol-Myers Co Ltd</b> Clinical Research Associate, later Medical Services Manager
1977-1982	<b>May &amp; Baker Ltd</b> Medical Representative, later Medical Liaison Executive
1974-1977	<b>Pfizer Ltd</b> Medical Representative
1970-1974	<b>Microbiological Research Establishment</b> Scientific Officer
1965-1966	<b>Brewing Industry Research Foundation</b> Laboratory Assistant

## EDUCATION AND TRAINING

2006	Elected Member of the Association for Project Management
2005	Elected Fellow of the Institute of Clinical Research
1987-date	Numerous conferences and seminars organised and attended, on various aspects of clinical research and medical practice, and clinical trial management, especially implementation of new information technologies. Most recent training covered relevant EU Directives, clinical data review, pharmacovigilance, document management, and regulatory submissions. See separate training record for details.
1982-1987	External training courses in clinical research, time management, medical database searching, data processing, statistics, drug development.
1973	Elected Member of the Institute of Biology
1966-1969	<b>Portsmouth College of Technology</b> BSc General Honours (London University), Botany, Zoology
1957-1965	<b>Oxted County School</b> 8 GCE 'O' Level passes GCE 'A' Level passes in Physics, Chemistry, Zoology

## MEMBERSHIPS

- Fellow of the Institute of Clinical Research
- Institute of Biology (Biomedical Sciences Committee member 1997-2001)
- Editorial Board, 'Biologist'.
- Editorial Board, CR Focus
- Pharmaceutical Industry Project Management Group (committee member 1996-2001)
- Association for Project Management
- Advisory Board, Management Centre Europe
- American Management Association
- HealthWatch – evidence-based medicine charity (committee member)
- Sense About Science – coordinator of evidence-based medicine group

## TEACHING APPOINTMENT

- Faculty Member, Management Centre Europe (American Management Association)

## PEER-REVIEWED PUBLICATIONS

1. Mann JI, Lewis B, Shepherd J, Winder AF, Rose L. National Prevalence Study of Coronary Heart Disease Risk Factors. VIIIth International Symposium on Atherosclerosis, Melbourne, 1985 (abstract)
2. Mann JI, Lewis B, Shepherd J, Winder AF, Fenster S, Rose L, Morgan B. Blood Lipid Concentrations and Other Cardiovascular Risk Factors: Distribution, prevalence, and detection in Britain. *British Medical Journal*, 1988; 1702-1706
3. Rose LB, Davidson C. Relationship Between Daily Activity Levels and Cardiac Ambulatory Monitoring. *Medical Research Society* June 1996 (abstract)
4. Paterson C, Langan CE, McKaig GA, Anderson PM, Maclaine GD, Rose LB, Walker SJ, Campbell MJ. Assessing patient outcomes in acute exacerbations of chronic bronchitis: the Measure Your Medical Outcome Profile (MYMOP), Medical Outcomes Study 6-item General Health Survey (MOS-6A) and EuroQol (jointly). *Quality of Life Research* 9: 521-527, 2000.
5. Rose LB. What is truth? Thoughts of a born-again sceptic. *Biologist* (2004) 51 (3) 123.
6. Rose LB, O'Mathuna DP. After MANTRA II: When is the evidence negative enough to stop researching spiritual healing? *Focus Altern Complement Ther* 2006;11(2):101-3.
7. Rose L. The Emergent Project Manager. *Clinical Research Focus* 18 (4) 5-10
8. Rose L. British health care regulation moves away from science. *Biologist* (2007) 54 (1) 3-5

## BOOK CHAPTERS

1. Rose LB. Clinical Trials – quantum leap or last gasp? In: *Pharmaceutical Project Management*, Marcel Dekker Inc 1997 (Dr Tony Kennedy, ed).
2. Rose LB. Evidence in health care - what it is, and how we get it. In: *Healing, Hype or Harm? The debate about complementary and alternative medicine.* (Ernst E, ed). In press.
3. Rose LB, Ernst E. CAM and politics. In: *Healing, Hype or Harm? The debate about complementary and alternative medicine.* (Ernst E, ed). In press.

## CONFERENCE PRESENTATIONS

- **Computerized Clinical Trials**, Washington DC (May 1999)
- **Global Clinical Development Forum**, Berlin (Sept 1999)
- **Global Clinical Development Forum**, Berlin (May 2000 - chairman)
- **Electronic Data Capture**, London (March 2000)
- **EDC 2000**, Geneva (April 2000)
- **CRO Cost Transparency**, London (June 2000)
- **Planning Skills for Clinical Research**, Lyon (May 2003)

## LEISURE ACTIVITIES

Choral singing (tenor), classic cars (recently restored 1959 Austin-Healey)

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