

139

**SCOTTISH HOME AND HEALTH DEPARTMENT - CHIEF SCIENTIST OFFICE
APPLICATION FOR A RESEARCH GRANT**

TO BE COMPLETED, IN CONJUNCTION WITH THE GUIDELINE NOTES, IN STANDARD SIZE TYPESCRIPT (Four copies are required)

1. DETAILS OF APPLICANTS

Principal Applicant

~~Prof/Dr/Mr/Mrs/Miss/Ms~~

~~Prof/Dr/Mr/Mrs/Miss/Ms~~

Surname Gillon Initials J

Surname McClelland Initials D B L

Post Held Consultant

Post Held Director

Department Edinburgh & SE Scotland

Department Edinburgh & SE Scotland

Institution Blood Transfusion Service

Institution Blood Transfusion Service

Address Royal Infirmary
Edinburgh

Address Royal Infirmary
Edinburgh

Tel [REDACTED]

Tel [REDACTED]

~~Prof/Dr/Mr/Mrs/Miss/Ms~~

~~Prof/Dr/Mr/Mrs/Miss/Ms~~

Surname Initials

Surname Initials

Post Held

Post Held

Department

Department

Institution

Institution

Address

Address

Tel

Tel

2. TITLE OF PROJECT (Not more than 25 words)

Alanine Amino-Transferase (ALT) and hepatitis B core antibody (anti-HBc) screening of blood donations: a multi-centre study.

3. SUMMARY OF PROJECT (Not more than 150 words)

Abnormal ALT levels and/or the presence of anti-HBc in blood donors can act as non-specific markers for the transfusion-associated transmission of non-A, non-B (NANB) hepatitis for which no specific test is available. From data on transfusions in the USA during the 1970's it has been estimated that NANB hepatitis transmission could be reduced by up to 40% by screening blood donations for ALT and anti-HBc. Since the incidence of sporadic NANB hepatitis varies in different countries these findings may not be relevant in the UK in 1987. It is proposed to determine ALT levels on 12,000 and anti-HBc test results on 3,600 blood donors derived from three regions in England and one in Scotland. Donors with an abnormal ALT value and/or who are anti-HBc positive will be asked to have a clinical examination and undergo further tests in order to determine, if possible, the significance of the results in terms of transmission risk of hepatitis. The study will be of value to the DHSS and the two National Transfusion Services /cont

4. SUMMARY OF FINANCIAL SUPPORT REQUESTED

| | Year 1 | Year 2 | Year 3 | Total |
|---|--------------|--------|--------|-------|
| a. Salaries (incl employer's costs) | - £ 7,496.28 | | | |
| * b. Equipment (incl VAT if applicable) | - £ | | | |
| c. Other Materials | - £ 11,166 | | | |
| d. Other Expenses | - £ 2,250 | | | |

* See Guideline Note f(ii)

TOTAL £ 20,912

5. DURATION OF PROJECT (estimated) 0 Years 8 Months

3. SUMMARY OF PROJECT (cont)

in assessing the effects on donor panels and their management, the cost and, possibly, the value of introducing routine screening of blood donations for ALT and anti-HBc.

3. SUMMARY OF PROJECT (cont)

in assessing the effects on donor panels and their management, the cost and, possibly, the value of introducing routine screening of blood donations for ALT and anti-HBc.