REFERENCES


APPENDIX A

CONTENTS

Simulated spectra:
- $^1$H NMR of β-sitosterol
- $^1$H NMR of campesterol
- $^1$H NMR of stigmasterol

NMR spectra of the red spot compound:
- $^1$H NMR
- $^1$H NMR expanded
- $^{13}$C NMR
- $^{13}$C NMR expanded
Current Data Parameters
NAME         JCBoo\Kol1
EXPD        1
PERIIND     1

F2 - Acquisition Parameters
Date         20010603
Time         11:03
INSTRUM      spec
PROBNO       5 mm GNP 1H Z-
PULPROG       zg30
TD           65536
SOLVENT      Acetone
NS           B7
DS           2
SNH          10330.578 Hz
FIDRES       0.157632 Hz
AQ          3.1720407 sec
RG           362
DM           46.400 usec
DE           6.00 usec
TE           300.0 K
DI          1000000000 usec

======== CHANNEL f1 ========
NUC1         1H
P1          10.55 usec
PL1        -3.00 dB
SF01       500.1330885 MHz

F2 - Processing parameters
SI          32768
SF          500.130071 MHz
MDW         EM
SSB         0
LB          0.30 Hz
GB          0
PC          1.00

1D NMR plot parameters
CX         20.00 cm
CY         0.00 cm
F1P        8.953 ppm
F1         4477.57 Hz
F2P       -0.307 ppm
F2        -153.37 Hz
PPMC0      0.46297 ppm/cm
HzCM       231.54744 Hz/cm
APPENDIX B

CONTENTS

Ethics Committee approval of the protocol of the proposed clinical trial (S83/2000)
Ethics Committee approval of amendment to the protocol (Amendment to S83/2000)
Number: S83/2000

Title: Protocol of proposed clinical trial, including pilot study, to determine the absorption of sterols and sterolins in human volunteers.

Investigator: A C Retief; Department of Pharmacology;
Prof J R Snyman; Dept Pharmacology
Pretoria Academic Hospital; Pretoria.

This Protocol and Informed Consent has been considered by the Ethics Committee, Faculty of Medicine, Univ.of Pretoria and Pretoria Academic Hospitals on 19/07/2000 and found to be acceptable.

Dr J.E.Davel (female) MBChB;Hospital Superintendent
Prof A.P. du Toit BA;DipTheo; BA (Hons);MA;DPhil;Philosopher
Prof C.I. Falkson (female)MBChB;M.Med(Int);MD;Med. Oncologist
Prof G. Falkson CHAIRPERSON; MBChB;M.Med(Int);MD;OSG: Medical Oncologist
Mrs C Gerber (female)BA(FineArts);Architectural Draughting (Boston House College Pta)
Prof S.V. Grey (female)BSc(Hons);MSc;DSc;Deputy Dean
Mrs R Jooste (female) Dip. Pharm; M Pharm; Pharmacist.
Dr V.O.L. Karusseit MBChB;MFGP(SA);M.Med(Chir); FCS (SA): Surgeon
Dr S.Khan (female)MB.BCh.; Med.Adviser (Gauteng Dept.of Health).
Ms B.C.F.Magardie (female) BCur;Matron/Senior Nursing-Sister
Miss B Mullins (female) BSc(Hons);Teachers Diploma;
Dr P.Z Njongwe (female)MBChB;D.P.H;DTM&H; DOH ;F.F.C.H(CM) S.A.Chief Med.Super of Pretoria Academic Hospital.
Prof S.R. J. Phatoli (female) BCur(ET.AI)Senior Nursing-Sister
Prof H.W. Pretorius MBChB;M.Med (Psych) MD: Psychiatrist
Prof P. Rheedr MBChB;M.Med(Int);LKI(SA);MSc (KLIN.EPI): Specialist Physician
Prof M.M.S.Smutz (female) BVSc; DVSc
Prof De K.Sommers BChB; HDD; MBChB; MD: Pharmacologist
Dr R Sommers SECRETARIAT (female)MBChB; M.med (Int);MPhar.Med;
Prof FFW van Oosten BA; LLB ; LLD ; LLD;Head of Department of Public Law and Prof in Criminal Law and Medical Law

Student Ethics Sub-Committee

Mrs E.Ahrens (female)B.Cur;
Prof S.V. Grey (female)BSc(Hons);MSc ;DSc :Deputy Dean
Prof P. Rheedr MBChB;M.Med(Int);LKI(SA);MSc (KLIN.EPI): Specialist Physician
Dr R Sommers SECRETARIAT (female)MBChB; M.med (Int); MPhar.Med;
Dr C van der Westhuizen (female) D.Cur; M.Ed.

PROF G FALKSON;
MBChB;M.Med(Int);MD;OSG: Medical Oncologist
CHAIRPERSON of the Ethics Committee at Pretoria Academic Hospital;

PROF P RHEEDER;
BChB;M.Med(Int);LKI(SA);MSc (KLIN.EPI): Specialist Physician
CHAIRPERSON of the Student Ethics Committee at P.A.H
DEPARTMENT OF HEALTH

Protocol of proposed clinical trial, including pilot study, to determine the absorption of sterols and steroplin in human volunteers.

Investigator: A C Retief; Department of Pharmacology; Prof J R Snyman; Dept Pharmacology; Pretoria Academic Hospital; Pretoria.

This Addendum has been considered by the Ethics Committee, Faculty of Medicine, Univ. of Pretoria and Pretoria Academic Hospitals on 28/02/2001 and found to be acceptable.

Dr J.E.Davel (female) MBChB;Hospital Superintendent
Prof A.P.du Toit BA,DiplTheo; BA (Hons);MA;DPhil;Philosopher
Prof S.V. Grey (female)BSc(Hons);MSc; DSc :Deputy Dean
Mrs R Jooste (female) Dip. Pharm; M Pharm; Pharmacist.
Dr V.O.L. Karusseit MBChB;MFGP(SA);M.Med(Chir); FCS (SA): Surgeon
Dr S.Khan (female)MB,BCh., Med.Adviser (Gauteng Dept.of Health).
Miss B Mullins (female) BscHons;Teachers Diploma;
Snr Sr J. Phatoli (female) BCur(El.Al)Senior Nursing-Sister
Prof H.W. Pretorius MBChB;M.Med (Psych) MD: Psychiatrist
Prof P. Rheeder MBChB;MMed(Int);LKI(SA);MSc (KLIN.EPI): Specialist Physician
Dr C.F Slabber MB BCh, FCP (SA) Acting Head; Dept Medical Oncology
Prof De K.Sommers BChB; HDD; MBChB; MD: Pharmacologist
Dr R. Sommers SECRETARIAT (female)MBChB; M.med (Int);MPar.Med;

Student Ethics Sub-Committee

Mrs E Ahrens (female)B.Cur;
Prof B. V. Grey (female)BSc(Hons);MSc ;DSc :Deputy Dean
Prof P. Rheeder MBChB;MMed(Int);LKI(SA);MSc (KLIN.EPI): Specialist Physician
Dr R. Sommers SECRETARIAT (female)MBChB; M.med (Int);MPar.Med;
Dr C. van der Westhuizen (female) D.Cur; M.Ed.

PROF. P. RHEEDER;
CHAIRPERSON of the Student Ethics Committee at P.A. H.
BChB;MMed(Int);LKI(SA);MSc (KLIN.EPI):Specialist Physician