

## APPENDIX A

### Summary of AFP surveillance performance indicators, Ethiopia, 2006 -2010

Indicators	Target	2006	2007	2008	2009	2010
NP-AFP rate per 100,000 < 15 Yrs	2	2. 2	2. 4	2. 9	2. 6	2. 4
Stool adequacy	80%	88%	87%	86%	86%	78%
Investigated < 2 days of notification	80%	97%	96%	95%	98%	99%
Specimen arriving at lab < 3 days	80%	98%	98%	99%	99%	99%
Specimen arriving in good condition	90%	99%	100%	99%	100%	85%
Non-polio enterovirus isolation rate	10%	15%	20%	10%	10%	5%
Timely Lab result within 14 days of receipt	80%	99%	97%	88%	90%	99%



## APPENDIX B

### Poliovirus sequences submitted to the GenBank

(Chapter 2)

ISOLATE	ACCESSION NO.
ANG-LUA-KIL-07-003	EU046199
ANG-LUA-MAI-07-004	EU046200
ANG-HUI-MAT-06-003	EU046201
ANG-CUN-OMB-06-004	EU046202
ANG-LUA-CAC-05-003	EU046203
ANG-BEN-LOB-05-003	EU046204
ANG-BEN-LOB-05-008	EU046206
NAM-KHO-WHK-06-062	EU046207
NAM-KHO-WHK-06-029	EU046208
NAM-KHO-WHK-06-194	EU046209
NAM-KHO-WHK-06-018	EU046210
NAM-OTJ-OKH-06-167	EU046211
NAM-HAR-ARA-06-015	EU046212
NAM-OHA-ENG-06-054	EU046213
NAM-KHO-WHK-06-022	EU046214
RDC-KOC-TKP-06-004	EU046215
RDC-BDD-KIR-07-004	EU046217



RDC-EQT-MBD-07-001	EU046218
RDC-EQT-ING-07-002	EU046219
RDC-EQT-BOE-07-001	EU046220
RDC-EQT-BLB-07-001	EU046221
RDC-BDD-KIR-07-001	EU046222
RDC-BDD-INO-07-002	EU046223
RDC-BDD-INO-06-013	EU046224
RDC-BCG-BOM-06-001	EU046225
RDC-BCG-SEK-06-004	EU046226
RDC-BCG-MAT-06-001	EU046227

(Chapter 2)

<b>ISOLATE</b>	<b>ACCESSION NO.</b>
PMOL060399	GU951778
PMOL060531	GU951779
PMOL060545	GU951780
PMOL060625	GU951781
PMOL060694	GU951782
PMOL060698	GU951783
PMOL060701	GU951784
PMOL061008	GU951785
MOL061189	GU951786



PMOL070092	GU951787
PMOL070125	GU951788
PMOL070248	GU951789
PMOL070250	GU951790
PMOL070507	GU951791
PMOL070538	GU951792
PMOL070791	GU951793
PMOL070798	GU951794
PMOL070850	GU951795
PMOL070917	GU951796
PMOL070936	GU951797
PMOL071053	GU951798
PMOL071247	GU951799
PMOL080167	GU951800
PMOL080333	GU951801
PMOL080766	GU951802
PMOL080975	GU951803



Chapter 3)

<b>ISOLATE</b>	<b>ACCESSION NO.</b>
PMOL/05/0781	EF420856
PMOL/05/0994	EF420857
PMOL/05/0995	EF420858
PMOL/05/0997	EF420859
PMOL/05/1342	EF420860
PMOL/05/1344	EF420861
PMOL/05/1345	EF420862
PMOL/05/1340	EF420864
PMOL/05/1346	EF420865
PMOL/05/1347	EF420866
PMOL/05/1348	EF420867
PMOL/05/2060	EF420868
PMOL/05/1602	EF420869
PMOL/05/1606	EF420870
PMOL/05/2054	EF420871



<b>ISOLATE</b>	<b>ACCESSION NO.</b>
RDCKA80948	HM134095
RDCKA80758	HM134096
RDCKA80629	HM134097
RDCKA80760	HM134098
RDCKA80921	HM134099
RDCKA81093	HM134100
RDCKA90587	HM134101
RDCKO80379	HM134102
RDCKA80374	HM134103
RDCKA81301	HM134104
RDCKA80526	HM134105
RDCSK70269	HM134106
RDCEQ90167	HM134107
RDCBD52225	HM134108
RDCBD52491	HM134109
RDCOR70043	HM134110
RDCKA81088	HM134111
RDCKA80134	HM134112
RDCKA81208	HM134113
RDCKA81304	HM134114
RDCKA90585	HM134115



## APPENDIX C

# ETHICS APPROVAL

The Research Ethics Committee, Faculty Health Sciences, University of Pretoria complies with ICH-GCP guidelines and has US Federal wide Assurance.

\* FWA 00002567. Approved dd 22 May 2002 and Expires 13 Jan 2012.

\* IRB 0000 2235 IORG0001762 Approved dd 13/04/2011 and Expires 13/04/2014.



Faculty of Health Sciences Research Ethics Committee  
Fakulteit Gesondheidswetenskappe Navorsingsetiekonitee

DATE: 29/07/2011

<b>PROTOCOL NO.</b>	<b>109/2011</b>
<b>PROTOCOL TITLE</b>	Molecular characterisation of wild-type and Sabin-like polioviruses circulating in Africa after the year 2000
<b>INVESTIGATOR</b>	<b>Principal Investigator:</b> Heronyma Nelisiwe "Nicksy" Gumede-Moeletsi
<b>SUBINVESTIGATOR</b>	Not Applicable
<b>SUPERVISOR</b>	Prof M Venter <b>E-Mail:</b> <a href="mailto:marietjiev@nicd.ac.za">marietjiev@nicd.ac.za</a>
<b>DEPARTMENT</b>	<b>Dept: Molecular Virology</b> <b>Phone:</b> 0113866390 <b>Fax:</b> 0115550531 <b>E-Mail:</b> <a href="mailto:nicksyg@nicd.ac.za">nicksyg@nicd.ac.za</a> <b>Cell:</b> 0836622708
<b>STUDY DEGREE</b>	PhD (Medical Virology)
<b>SPONSOR</b>	None - UP postgraduate Scholarship
<b>MEETING DATE</b>	<b>27/07/2011</b>

The Protocol was approved on 27/07/2011 by a properly constituted meeting of the Ethics Committee subject to the following conditions:

1. The approval is valid for 1 year period [till the end of December 2012] . and
2. The approval is conditional on the receipt of 6 monthly written Progress Reports. and
3. The approval is conditional on the research being conducted as stipulated by the details of the documents submitted to and approved by the Committee. In the event that a need arises to change who the investigators are, the methods or any other aspect, such changes must be submitted as an Amendment for approval by the Committee.

*Members of the Research Ethics Committee:*

Prof M J Bester	(female)BSc (Chemistry and Biochemistry). BSc (Hons)(Biochemistry). MSc(Biochemistry). PhD (Medical Biochemistry)
Prof R Delport	(female)BA et Scien. B Curations (Hons) (Intensive care Nursing). M Sc (Physiology). PhD (Medicine), M Ed Computer Assisted Education
Prof JA Ker	MBChB, MMed(Int); MD – Vice-Dean (ex officio)
Dr NK Likibi	MBB HM – Representing Gauteng Department of Health) MPH
Prof TS Marcus	(female) BSc(LSE), PhD (University of Lodz, Poland) – Social scientist
Dr MP Mathebula	(female)Deputy CEO: Steve Biko Academic Hospital, MBChB, PDM, HM
Prof A Nienaber	(female) BA(Hons)(Wits); LLB. LLM: LLD(UP); PhD: Dipl.Datametrics(UNISA) – Legal advisor
Mrs MC Nzeku	(female) BSc(NUL); MSc(Biochem)(UCL, UK) – Community representative
Prof L M Ntsho	MbChB (Natal) FCS (SA)
Snr Sr J Phatoli	(female) BCur(Eet.A), BTec(Oncology Nursing Science) – Nursing representative
Dr R Reynders	MBChB (Pret), FCPaed (CMSA) MRCPCH (Lon) Cert Med Onc (CMSA)
Dr T Rossouw	(female) MBChB (cum laude); M.Phil (Applied Ethics) (cum laude), MPH (Biostatistics and Epidemiology (cum laude)). D.Phil



Dr L Schoeman (female) B.Pharm, BA(Hons)(Psych), PhD – Chairperson: Subcommittee for students' research  
Mr Y Sikweyiya MPH; SARETI Fellowship in Research Ethics; SARETI ERCTP;  
BSc(Health Promotion)Postgraduate Dip (Health Promotion) – Community representative  
Dr R Sommers (female) MBChB; MMed(Int); MPharmMed – **Deputy Chairperson**  
Prof TJP Swart BChD, MSc (Odont), MChD (Oral Path), PGCHE – School of Dentistry representative  
Prof C W van Staden MBChB; MMed (Psych); MD, FCPsych, FTCL; UPLM - **Chairperson**

**DR R SOMMERS**; MBChB; MMed(Int); MPharmMed  
Deputy Chairperson of the Faculty of Health Sciences Research Ethics Committee, University of Pretoria