



Project no.: SSPE-CT-2006-44405

Project acronym: RIVERS

***"Resistance of Influenza Viruses in Environmental Reservoirs and
Systems"***

Instrument: Specific Targeted Research Project

Thematic Priority 8.1B

**Periodic Management Report
2nd Reporting Period**

Period covered: From 01.08.2008 to 31.01.2010 (M19-M36)

Date of preparation: 21/05/2010

Start date of project: 01 February 2007

Duration: 42 months

Project coordinator: Jean-Claude MANUGUERRA

Project coordinator organisation: Institut Pasteur, Paris (France)

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Section 1 – Justification of major cost items and resources

Partner 1 – Institut Pasteur Paris (AC Cost Model)
Scientific Leader: Jean-Claude MANUGUERRA

Description of the work performed

As coordinator of the RIVERS project, Institut Pasteur Paris was involved in Work Packages 0, 1, 2, 4, 5, 6, 7, 8, 9 and 11 and produced expected deliverables and milestones. The work performed is further described and detailed in the Periodic Activity Report.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
SHIGEMATSU Sayuri	3	4 428
DUBLINEAU Amélie	16	45,347.69
Total	19	49,775.69

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Chemical and biological products	-	6,530.00
Lab supplies	-	8,330.00
Purchase of materials and supplies	-	2,271.70
Total		17,131.70

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
MICROBAERO Conference in Narbonne (Christophe BATEJAT)	05.10.2009-07.10.2009	542.20
Total		542.20

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
	0.00
Total	0.00

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– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
RTD Indirect Costs [Personnel + Consumables]	13,381.48
Management Indirect Costs [Travel]	108.44
Total	13,489.92

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	49,775.69
Consumables	17,131.70
Travel	542.20
Durable Equipment	0.00
Other (Indirect Costs)	13,489.92
Total	80,939.50

Major deviations from cost budget and from person-month budget

None.

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Partner 2 – Institutul Cantacuzino (AC Cost Model)

Scientific Leader: Emilia LUPULESCU

Description of the work performed

In this part of the project our work continued to assess the impact of the aldehydes agents against the AIV – reverse genetic reassortant (NIBRG – 14, clade 1) in standing and running water. The action of the UV light was assessed also. Viability of the influenza virus was tested by qRT-PCR at 72 hours after inoculation of samples in MDCK cells. The results suggest that glutaraldehyde shows a good efficacy of destroying of virus infectivity in relation with environmental temperature. Ultraviolet radiation light has been proven to inactivate AIVs in 10 - 20 min in experimental condition if the viral loading is 10^3 TCID₅₀/0.1 ml and the effective dose of irradiation is at least 3000 J/m².

The persistence of the infective viral particles of same influenza reassortant (10^4 TCID₅₀) was evaluated in three kind of water: rivers, lake and Black Sea water, and PBS as control, in according with their main characteristics: pH, salinity, protein content, oxygen, nitrite, ammonium, phosphate content, at three temperatures: 4-8°C; 22°C and 35°C. Viability of the influenza virus was tested periodically by microELISA technique in MDCK cells. Our results show that the viability of the virus is maintained at least 20 days at low temperature and 12 days post-infection at higher temperature.

Explanatory note on cost items and justification

– Personnel funded by the project:

Only permanent staff was involved in the RIVERS project.

No personnel costs are claimed for reimbursement for the period 01/08/2008 through 31/01/2010.

Name	Total Person-Months	Amount (€) [Excl. of Tax]
	0	0.00
Total	0	0.00

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Compact laboratory for water testing	12.08.2008	219.93
Consumables (tips, pipettes, plastics etc.)	18.08.2008; 11.09.2008	1,252.88
UV lamp for microbiology and accessories	24.04.2009	378.56
Beef extract	30.04.2009	131.94
Small equipment for laboratory	01.06.2009	231.24
Laboratory reagents	12.08.2009; 19.08.2009; 18.08.2009; 03.09.2009; 28.09.2009	8,153.18
Total		10,367.73

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
Internal travel	09.10.2009	282.16
Total		282.16

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– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
	0.00
Total	0.00

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	2,129.98

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	0.00
Consumables	10,367.73
Travel	282.16
Durable Equipment	0.00
Other (Indirect Costs)	2,129.98
Total	12,779.87

Major deviations from cost budget and from person-month budget
None.

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Partner 3 – The Stephan Angeloff Institute of Microbiology (AC Cost Model)

Scientific Leader: Angel S. GALABOV

Description of the work performed

The MICB team was mainly involved in Work Package 6. The work performed is further described and detailed in the Periodic Activity Report.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Angel S. GALABOV	2.5	1,652.00
Georgi GEORGIEV	2.5	1,652.00
Ivan ZARKOV	4	2,825.00
Lora SIMEONOVA	1.5	855.00
Gabriela GUJGULOVA	1.5	855.00
Lucia MUKOVA	1	176.00
Total	13	8,015.00

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Chemicals, reagents, cell culture media	01.08.2008 – 31.01.2010	3,988.00
In vivo biological test material	01.08.2008 – 31.01.2010	225.00
Disinfectants	-	0.00
Information products	-	0.00
Mail expenses	-	0.00
Office materials	01.08.2008 – 31.01.2010	166.00
Spare parts	01.08.2008 – 31.01.2010	561.00
Total		4,940.00

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
International Congress of Virology, Turkey (1 person)	09.08.2008-16.08.2008	547.00
II nd World Conference on Magic Bullets "Paul Ehrlich II", Germany (1 person)	01.10.2008-07.10.2008	499.00
Symposium on Great Influenza, London (1 person)	09.11.2008-11.11.2008	440.00
Symposium on Balkan Endemic Nephropathy, Belgrade (1 person)	16.04.2009-18.04.2009	105.00
22 nd ICAR, Miami Beach, USA (2 people)	02.05.2009-11.05.2009	1,792.00

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27 th Annual Forum of Children Infectious Diseases (1 person)	07.06.2009-12.06.2009	217.00
H1N1 Flu Meeting, Institut Pasteur, France (2 people)	02.09.2009-05.09.2009	1,007.00
FEMS Meeting, Spain (1 person)	11.09.2009-14.09.2009	1,024.00
6 th Balkan Conference Microbiologia Balkanika, Rep. Macedonia (4 people)	27.10.2009-31.10.2009	2,106.00
RIIP Franco-Brasilian Microbiol. Symposium, Brazil	17.10.2009-24.10.2009	278.00
Total		8,015.00

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
Lamina flow – partitively	2,117.00
Computer configuration	556.00
Aspiration system	511.00
Total	3,184.00

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	4,830.80

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	8,015.00
Consumables	4,940.00
Travel	8,015.00
Durable Equipment	3,184.00
Other (Indirect Costs)	4,830.80
Total	28,984.80

Major deviations from cost budget and from person-month budget
None.

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Partner 4 – Institut Pasteur du Cambodge (AC Cost Model)

Scientific Leader: Philippe BUCHY

Description of the work performed

IPC was involved in Work Packages 1, 2, 6 and 11. The work performed is further described and detailed in the Periodic Activity Report.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
-	0	0.00
Total	0	0.00

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Assy, Dual Block Lid Pair, ICYR	24-oct.-08	1,100,00
Mouse optical	19-nov.-08	7,05
Flash transcend V85 (2GB)	19-nov.-08	13,33
CD-RW maxell 1 box=10pcs	19-nov.-08	9,41
External HDD Trek Stor (120GB)	19-nov.-08	57,22
Service labtop Mr.Men Piseth S:22957	28-nov.-08	11,76
Disque dur	16-dec.-08	40,86
TOTAL small non-durable equipment		1,239.63
Aliment pour oiseaux	29-Aug-08	25.62
DNASE I Rnase free roche boehringer	11-Aug-08	100.00
Penicillin G Powder, cell culture T	7-Aug-08	214.74
X10 Boite blanc 136X136MM H 130MM	12-Aug-08	321.00
X10 separateur 4X4 Boite 136 65MM	12-Aug-08	136.50
X400 tube centri PP 50:L Vrqc St	12-Aug-08	122.40
Envoi CIP aerien Phnom Penh	12-Aug-08	420.50
Oiseaux et aliments	3-Sep-08	8.14
RNA PowerSoil total RNA Isolation		739.80
Frais transitaire IP:0534316	25-Aug-08	86.12
Frais transitaire IP:0534340	30-Aug-08	87.53
Analyse août 2008	05-sept.-08	28.37
Aliments pour oiseaux et poulet, 10kg	15-sept.-08	6.79

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Frais transitaire Bioblo:333879	04-sept.-08	102.19
Streptomycin sulfate cell culture T	15-Oct-08	82.92
Penicillin G powder, cell Culture T	15-Oct-08	214.74
Polymyxin B sulfate salt powder, cell culture	21-Oct-08	625.60
Gentamycin sulfate salt powder, cel	21-Oct-08	1,440.00
Frais transitaire IP:0536827	30-Oct-08	43.92
Frais d' envoi IP:0536629	31-Oct-08	391.79
Aliment pour oiseaux		11.63
Plastic centrifuge tube 15 ml Biostar	19-Dec-08	1,512.53
Un poulet	22-Dec-08	6.29
Un poulet pour P3	5-Jan-09	7.19
96 well polystyrene microplate U-bottom nonsterile	21-Jan-09	222.75
Reaction tube 1.5ml natural with cap	21-Jan-09	330.53
Serological pipette sterile 5 ml in 1/10ml with cotton	21-Jan-09	725.74
Aliment pour oiseaux	22-Jan-09	7.19
Oiseaux	22-Jan-09	10.78
Aliments pour oiseaux	29-Jan-09	14.37
Frais transitaire K.Hsien:001327	31-Jan-09	71.63
Barkels	5-Feb-09	19.51
Aliments pour volailles	5-Feb-09	7.80
Support dia 94mm 5 tubes 16mm	5-Feb-09	89.80
Electrode Ph Epoxy Gel 1M BNC	17-Feb-09	89.88
Pipetus Junior	17-Feb-09	133.60
X50 Enton filt analyt 100ML NC, 45µ	17-Feb-09	448.80
X5 bouchon caoutchouc 41MM TR13MM	17-Feb-09	24.24
Lunettes santa Cruz	17-Feb-09	27.03
Agitateur sans moteur 5L	17-Feb-09	176.64
X10 barreau slimline teflon 20X6MM	17-Feb-09	8.24
X10 barreau teflon 40X8MM	17-Feb-09	12.40
X5 barreau slimline teflon 60X8MM	17-Feb-09	9.84
Moteur L/S economique 20- 600T/MIN	17-Feb-09	787.52
Tete Eclair HP LS Reglable T15-36	17-Feb-09	388.24
7,5M tube silicone platinum LS T36	17-Feb-09	156.80
Emballage & envoi CIP aerien Phnom Penh	17-Feb-09	507.50
Filter pipet tip C.L.P 10- 200µL	20-Feb-09	1,072.87

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Centrifuge tube 15ML with flat top rim seal caps, steril, bag	20-Feb-09	702.24
Polyethylene glycol 6000 technical	25-Feb-09	827.09
Airfreight cost	25-Feb-09	469.72
Frais transitaire IP:0540225	25-Feb-09	79.17
Frais transitaire K.Hsien:001429	26-Feb-09	261.31
Frais transitaire Bioblo:443356	28-Feb-09	116.44
System 100TM CryoBox for 100 vials	6-Mar-09	1,186.34
Quantitech Probe RT-PCR kit	12-Mar-09	11,175.87
Glycine, reagentplus TM, >99% - F	12-Mar-09	15.58
PH/MV/Ionometre Ecoscan Ion6	13-Mar-09	292.56
Etagere PR Lampe UV Germicide	13-Mar-09	169.28
Lampe Germicide 254NM 15W	13-Mar-09	243.80
Envoi CIP aerien Phnom Penh	13-Mar-09	146.70
Frais transitaire GLC:0903014	19-Mar-09	219.63
2 canards, volailles	23-Mar-09	17.40
Frais transitaire Bioblo:460040	31-Mar-09	112.86
Cages pour volailles	20-Apr-09	428.32
Beef extract powder (DIFCO)	29-May-09	171.00
Beef extract powder (DIFCO)	29-May-09	171.00
Statif avec tige ø12x600 MM	3-Jun-09	96.50
Noirx de serrage 16 MM/Alliage Nat	3-Jun-09	17.90
Pince 3 Doigts Alu ø:0-70 MM	3-Jun-09	51.80
CIP Aerien Phnom Penh		90.00
Aliments volailles	12-Jun-09	23.12
1 poulet & 5 poroir pour œuf	17-Jun-09	7.80
Frais transitaire Bioblo:511392	20-Jun-09	107.36
Fish & cup for fish	29-Jun-09	21.81
1 poulet & 5 poroir pour œuf	1-Jul-09	8.63
Bidon 10 litres	1-Jul-09	9.02
Topo Ta Cloning kit for subcloning	22-Jul-09	2,218.04
Hydrochloric acid 5 Mol/L (Merck)	16-Jun-09	134.39
Sodium hydroxyde pellets pure (Merck)	16-Jun-09	44.56
Achat des poissons	30-Jul-09	12.03
Frais transitaire, GLC:0907033	31-Jul-09	81.36
Round Petri Plate PS na 3 Vents, H14.2,Ø90	20-Aug-09	91.95

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Round Petri Plate PS na 3 Vents, H14.2.Ø55	20-Aug-09	127.32
Round Base Tube 5ML PS na H74.5, Ø12.8, Non Stérile	20-Aug-09	254.63
PCR product sequencing	8-Sep-09	64.23
Plasmid Sequencing	14-Sep-09	56.05
Hepes Buffer Solution (1M)	10-Sep-09	17.52
Phosphate-Buffered Saline (PS) 7.2 (10X), liquid	10-Sep-09	161.15
Trypsin/EDTA (10X)	10-Sep-09	77.77
Sodium Bicarbonate Solution, 7.5% (w/v)	10-Sep-09	9.81
MEM Non-Essential Amino Acids Solution 10MM (10X), liquid	10-Sep-09	16.12
Fungizone® Antimycotic, liquid	10-Sep-09	21.02
Quantitech Probe RT-PCR kit	10-Sep-09	11,880.56
MicroAmp TM Optical 96-Well Reaction Plate with B	14-Sep-09	952.91
MicroAmp TM Optical Adhesive Film (Applied)	14-Sep-09	364.35
Aliments volailles	9-Oct-09	31.76
100 flacons TC + Bouch 2 positions	24-Sep-09	331.50
Sachet en PP 20x30CM, 40µM (1x100)	24-Sep-09	790.00
500 flacons TC + Bouch 2 positions US	8-Oct-09	313.10
200 Flacons TC + Bouch filtrant Cor US	8-Oct-09	151.40
Bromure ethidium flacon securite eu	13-Oct-09	167.50
Frais transitaire, Gene Sys:GS0033-09	25-Sep-09	52.59
Achat oiseaux, cage, liens auto-serrants	12-Oct-09	29.54
Grille métallique	16-Oct-09	19.12
L-Glutamine 200MM sterile filtered*Cell	30-Sep-09	26.35
Dulbecco#S Modified Eagle#S Medium-Hig	30-Sep-09	97.81
Mem Vitamins (100X) Solution Sterile*FIL	30-Sep-09	16.16
Dulbecco#S Modified Eagle#S Medium-Hig	30-Sep-09	146.72
Albumin, Bovine 35% Solution	30-Sep-09	238.30
Charges	30-Sep-09	48.68
Frais transitaire, Sigma:8515213320	9-Oct-09	48.15
X500 Cryotubes 1.8 ML Rond Interne	16-Oct-09	1,830.24
Frais d' envoi IP:0547484	22-Oct-09	234.96
Frais transitaire, IP:0548032	30-Oct-09	112.83
Frais transitaire, DKSH:IN0200900061459	30-Oct-09	104.99

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Frais transitaire, GLC:0909018	19-Nov-09	64.07
Frais transitaire, GLC:0909018	25-Nov-09	227.28
Séparateur pour 100 tubes Ø12.5mm	10-Dec-09	103.50
MPLC total nucléic acid isolat	22-Dec-09	4,163.64
Nucléic acid isolation 1 kit/32T	22-Dec-09	232.98
MPLC Reaction Tip (Large)	22-Dec-09	1,664.13
MPLC Reagent tub (Large)	22-Dec-09	133.13
MagNa Pure LC Medium Reagent Tub 2	22-Dec-09	299.54
MPLC Reagent tub Lip (Large)	22-Dec-09	119.82
MPLC tube Lid (Small, Medium)	22-Dec-09	256.28
PMLC Medium Reagent Tub 30	22-Dec-09	56.58
MPLC Processing cartridge	22-Dec-09	216.34
MPLC Tip Stand	22-Dec-09	236.31
MPLC Sample Cartridge	22-Dec-09	93.19
MPLC Tub Lid Seal	22-Dec-09	216.34
MPLC Cartridge Seal	22-Dec-09	53.25
MPLC Waste Bottle	22-Dec-09	76.55
Coq & poulet	30-Dec-09	7.99
Bidon 10 litres+water	6-Jan-10	23.95
TOTAL Lab reagents		58,942.57
Total		60,182.20

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
Paris Meeting (P. Buchy)	30/10/2009	363.28
TOTAL International Meetings		363.28
Per-diem Prak Bali (OM:678/2008)	16-Dec.-08	15.71
Per-diem Y Bunthin (OM:678/2008)	16- Dec.-08	7.86
Frais mission Ramena Guierrez	15-Jan.-09	21.56
Per-diem Prak Bali (OM:200/2009)	10-Apr.-09	3.76
Data processing and transfer fee	23- Apr.-09	78.90
Per-diem & frais passage Prak Bali (OM:233/2009)	27- Apr.-09	6.95
Per-diem H.S.Viseth (OM:200/2009)	28- Apr.-09	3.76
Per-diem Prak Bali (OM:254/2009). 05:Mai:09	18-May-09	3.77
Per-diem & frais passage Prak Bali (OM:268/2009).	18-May-09	10.73

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18:Mai:09		
Frais mission Coldefy Chloé. IP Lille	5-June-09	271.17
Per-diem Prak Bali. Kg Cham (OM:300/2009)	11-June -09	7.09
Per-diem H.S.Viseth à Prey Veng (OM:268/2009)	11-June -09	7.09
Per-diem & frais passage Prak Bali (OM:339/2009)	26-June -09	10.11
Per-diemPrak Bali. Kg Cham (OM:366/2009)	10-Jul.-09	7.08
Per-diem Prak Bali & frais passage (OM:387/2009)	20-Jul.-09	11.85
Repas de service	22-Jul.-09	40.07
Per-diem Prak Bali (OM:416/2009)	5-Aug-09	7.07
TOTAL Field Trips		514.53
Total		877.81

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
	0.00
Total	0.00

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	12,212.00

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	0.00
Consumables	60,182.20
Travel	877.81
Durable Equipment	0.00
Other (Indirect Costs)	12,212.00
Total	73,272.01

Major deviations from cost budget and from person-month budget
None.

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Partner 5 – Chinese Academy of Sciences – Pasteur Institute of Shanghai (AC Cost Model)

Scientific Leader: Vincent DEUBEL

Description of the work performed

IPS was involved in Work Packages 2, 5, 6, 7 and 11. The work performed is described and detailed in the Periodic Activity Report.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
VINCENT DEUBEL	2	18,987.34
PAUL ZHOU	1	3,164.56
BING SUN	0.5	1,186.71
TETSUYA TOYODA	1	1,758.09
PENG LU	1	351.62
CHEGUO CAI	6	2,215.20
WEI WANG	2	1,687.76
PEIJUN REN	2	949.37
CHANGGUI DONG	18	7,594.92
Total	33.5	37,895.57

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
SCIENTIFIC CONSUMABLES	28JAN2010	22,550.33
OTHER CONSUMABLES	28JAN2010	118.46
Total		22,668.79

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
V. DEUBEL TO BEIJING	MAY 2009	272.78
P. LU TO BEIJING	MAY 2009	369.73
Total		642.51

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
DRYING OVEN	238.40
PRINTER	262.66
HOMOGENIZER	8,753.59
Total	9,254.65

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– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	14,092.30

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	37,895.57
Consumables	22,668.79
Travel	642.51
Durable Equipment	9,254.65
Other (Indirect Costs)	14,092.30
Total	84,553.82

Major deviations from cost budget and from person-month budget

None.

Description of the work performed

The main activities carried out during the second 18-months period were related to WP2, 6 and 9. Two directions were followed (1) improvement and standardisation of the molecular detection methods for avian influenza virus and (2) contribution to the development of models for virus survival in its natural environments.

Validation and standardisation of Avian influenza virus molecular detection

Within WP2 and WP6, CIRAD has adapted and validated four quantitative real-time PCR assays for AIV detection (type A, H5, H7, N1). The performance of the PCR assays was assessed on several thousands of swab samples collected on wild and domestic birds in Africa and also on bird faeces collected in the field. In addition, these assays were used in interlaboratory proficiency tests (2008 and 2009) organised by the European reference laboratory for avian influenza. From the results, it was concluded that the methods used at CIRAD were sensitive enough and reliable. During this period, CIRAD has also prepared a new set of calibrated, inactivated and lyophilised AIV isolates including H5 and H7 strains for further validation of detection methods. This panel was sent to partner 7 (IPL) and contacts were made for the use of PCR methods for AIV detection in biological material concentrated from water. A persistent problem with the sensitivity of N1 detection was encountered at IPL whereas the M and H5 detections were satisfactory. New primers and probe for the detection of N1 were provided by CIRAD to IPL. IPL provided CIRAD with a protocol for the collection and concentration of water collected in the field. However, it was not possible to apply this protocol during the campaign of sample collection in Mali, organised by CIRAD in 2009. Indeed, the sites where the samples had to be collected are too distant from the laboratory facilities to allow good preservation of huge volumes of water samples. In addition, the prevalence of avian influenza in Malian birds is very low (0.1 – 0.2% for the 2008 and 2009 campaigns respectively) and H5N1 is absent, therefore, the chance to detect influenza virus in the water appears to be very low.

Modelling of virus survival and concentration in natural water reservoirs and soiled surfaces

Within the framework of this project, the following activities were undertaken in Montpellier and in Cambodia in coordination between the Pasteur Institute of Phnom Penh and the UR AGIRs of CIRAD:

- Publication of an article in the International Journal of Applied Earth Observation and Geoinformation, Tran, A., et al., Remote sensing and avian influenza: A review of image processing methods for extracting key variables affecting avian influenza virus survival in water from Earth Observation satellites. Int. J. Appl. Earth Observ. Geoinform. (2009), doi:10.1016/j.jag.2009.09.014 Recent studies have highlighted the potential role of water in the transmission of avian influenza (AI) viruses and the existence of often interacting variables that determine the survival rate of these viruses in water; the two main variables are temperature and salinity. Remote sensing has been used to map and monitor water bodies for several decades. In this paper, we review satellite image analysis methods used for water detection and characterization, focusing on the main variables that influence AI virus survival in water. Optical and radar imagery are useful for detecting water bodies at different spatial and temporal scales. Methods to monitor the temperature of large water surfaces are also available. Current methods for estimating other relevant water variables such as salinity, pH, turbidity and water depth are not presently considered to be effective.
- The work of Lise Chamaille in 2008 allowed us to identify environmental indicators in connection with floods and landuse, from MODIS data. These indicators are linked to epidemiological data in order to identify risk factors for the occurrence of avian influenza cases. A model to detect water surfaces and periods of floods has been created.
- Field data, in Cambodia in several spots known for previous H5N1 outbreaks, have been collected between March and August 2009 (before and at the end of rainy season), in order to validate the model.
- June 2009: mission of Dr Duboz (modeler) in Cambodia in order to work on the H5N1 data available in IPC.
- October 2009: starts of the analysis of correlation between environmental conditions linked to water and the number of H5N1 cases in Cambodia. This analysis should be finished end June 2010.

RIVERS

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
F. GOUTARD	3.8	11,935.60
E. ALBINA	0.62	4,573.63
P. GIL	6.35	18,492.32
D. MARTINEZ	0.7	3,147.68
C-T. HO	0.92	4,846.03
Total	12.39	42,995.26

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Transport of samples	30/11/2008 & 09/06/2009	45.80
Reagents for molecular biology	From 14/08/2008 to 02/12/2009	11,085.96
Consumable for Level 3 biocontainment laboratory	24/11/2008	102.00
Report printing and shipment	09/03/2009	233.00
Total		11,466.76

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
Goutard Flavie	31/12/2009	4,079.66
Total		4,079.66

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
-	0.00
Total	0.00

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]
Total 11,708.34

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Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	42,995.26
Consumables	11,466.76
Travel	4,079.66
Durable Equipment	0.00
Other (Indirect Costs)	11,708.34
Total	70,250.02

Major deviations from cost budget and from person-month budget

None.

Description of the work performed**Work Package 1: “Concentration, identification and quantification of avian influenza viruses from waters, muds and aquatic animals”**

Task 1: Molecular detections of N1 gene by real-time RT-PCR has been optimised on Influenza A virus H5N1. Characterisation of this detection and quantification threshold and repeatability/reproducibility of the real-time RT-PCR were evaluated. The improved one-step real-time RT-PCR assay provides a rapid, specific and sensitive method to detect M. H5 and N1 genes.

A procedure was written and diffused to RIVERS partners (P001RIVERS - RT-PCR detection of avian Influenza A viruses H5N1).

Task 2: A viral concentration procedure from surface waters has been developed on Influenza A virus type H1N1. Viral concentration method from water based on adsorption/elution on glass wool followed by an elution step with a beef extract solution at alkaline pH as described in the French national standard method (XP T90-451) and viral adsorption/elution on Argonide's electropositive filter, have been evaluated in combination with a second concentration step with poly-ethylene glycol.

Task 3: Concentration and quantification methods previously developed for Influenza A virus type H1N1 and H5N1 respectively, have been validated on 10 and 50-liters volumes of artificially contaminated surface waters with Influenza A virus type H5N1.

A procedure was written and diffused to RIVERS partners (P002RIVERS - Procedure for concentration of avian Influenza viruses from water). A training course was organized in May 2009 in IP Lille for a student from IP Cambodia. Experiments were performed in Cambodia on rain water and lake waters in order to validate the method on another Influenza A H5N1 strain and on several water types. Moreover the procedure for concentration of avian Influenza viruses from water was validated on environmental waters sampled in 2009 from two places which were involved in previous influenza outbreaks in Cambodia and in France. A publication (in “Applied and Environmental Microbiology”) is in progress.

Task 4: Extraction procedures from solid samples (mud.biota) based on a virus elution method, has been developed for Influenza A virus type H5N1. Concentration and quantification methods have been validated on artificially contaminated mud with H5N1 virus.

A procedure was written and diffused to RIVERS partners (P003RIVERS - Procedure for concentration of avian Influenza viruses from mud). Experiments would be performed on natural contaminated muds in IP Cambodia to validate the detection method.

Work Package 8: “Evaluation of the impact of selected parameters involved in food processing”

Task 1 et Task 2: This task consists to evaluate the impact of main parameters involved in cooking of poultry meats namely pH salt concentration and aW. The experimental domain would be defined according to the chemical characteristics of poultry meat. Poultry meats (thigh and breast) were characterised by pH ranges from 7 for chicken meat or 6.3 for duck meat (just after slaughtering) to approximately 5.5 (24h post-mortem). Based on available data salt concentration added for taste before meat cooking represents about 0.2 to 0.4% (w/w) and were explored.

Evaluation of parameters on survival/inactivation was conducted in meat rather than in liquid model medium. Indeed, thermoresistance studies performed with enteric viruses have shown several factors as fat and protein, could increase heat stability of virus in food.

The evaluation of individual effect of salt content and temperature and their interactions on survival/inactivation were studied in meat exclusively at natural post-mortem pH of 5.5. Indeed duck meat with added salt 4% could be adjusted with NaHCO₃ to pH 6.5 but significant changes were observed in consistence of meat, which became more elastic and gelatinous. These structural modifications have been shown to change viral thermoresistance.

Studies on heat inactivation of H5N1 virus were performed in duck meat at pH 5.5 and supplemented with salt amounts ranging from 0 to 4% (w/w). Viral inactivation curves were constructed on viral residual titres measured during the ramp-up period of the heating from 26°C up to the target temperature of 70°C.

The thermal inactivation procedure was based on previously described microassay for measuring thermal inactivation of H5N1 in naturally poultry meat.

Task 3: The development of predictive model is in progress. The experimental data obtained for all survival kinetics will be processed using the statistical software S-PLUS 2000. A modelling approach will be implemented, using available models to describe viral inactivation kinetics.

Task 4: The procedure for extraction and detection of AIV in poultry meat was based on previously described methods for Influenza viruses. Recovery of two Influenza strains H5N1 and H1N1 was validated. This suitable method was used in quantitative studies of the impact of food processing conditions on AIV.

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Task 5: Model predictions will be then confronted to experimental results obtained on poultry products with different salt concentration values. Heat treatments range from 26 to 70°C of H5N1 and H1N1 in poultry products (duck and chicken) supplemented with salt concentrations range from 0 to 4%. will be performed.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
GACHET Jessica	2	4,566.15
Total	2	4,566.15

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Sodium tetraborate decahydrate	02/07/2008	19.82
Polyethyleneglycol 6000	03/07/2008	89.76
MEM-EARLES	07/07/2008	66.00
Tube silicone platinum	15/07/2008	396.00
SSIII 1-STEP QRT-PCR 100	21/07/2008	1,429.20
Penicillin Streptomycin sol	11/08/2008	14.70
Indicateur Neutralit PH 5-10	23/08/2008	32.55
Rnase away flacon 250ml	28/08/2008	62.40
Tricine	28/08/2008	65.60
DNA Ladder 100bp	08/09/2008	112.00
SS ONE STEP RT-PCR	11/09/2008	741.00
NucleoSpin RNA Virus F	11/09/2008	292.50
SSIII 1-STEP QRT-PCR 100	22/09/2008	794.00
Trypsin	22/09/2008	59.60
Benzonase	30/09/2008	116.35
SSIII 1-STEP QRT-PCR 100	14/10/2008	1,588.00
Acide chlorhydrique	17/10/2008	17.22
Sodium hydroxide	17/10/2008	9.21
QIAamp Viral RNA Mini kit	20/10/2008	293.40
Dimethyl sulfoxide	22/10/2008	21.79
Compresse gaze 75x75	29/10/2008	30.42
SSIII 1-STEP QRT-PCR 100	13/11/2008	1,191.00
Trypsin	19/11/2008	59.60
SSIII 1-STEP QRT-PCR 100	08/12/2008	1,262.00
SSIII 1-STEP QRT-PCR 100	07/01/2009	826.00
QIAamp Viral RNA Mini kit	07/01/2009	153.90
SSIII 1-STEP QRT-PCR 100	13/01/2009	413.00
RNASE away flacon 250ml	30/01/2009	93.60
Oligonucleotides	11/02/2009	256.26
SSIII 1-STEP QRT-PCR 100	13/02/2009	413.00
Magnetic Stand for 6 tubes	17/02/2009	539.90
Isopropanol	25/02/2009	34.22
RNA PowerSoil Total RNA Isolation kit	26/02/2009	239.70

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Extrait viande bœuf	27/02/2009	99.45
SSIII 1-STEP QRT-PCR 100	12/03/2009	1,860.00
MEM EARLES	20/03/2009	26.40
QIAamp Viral RNA Mini kit	20/03/2009	153.90
MagMAX AI/ND viral RNA Isol kit	24/03/2009	256.40
SSIII 1-STEP QRT-PCR 100	07/04/2009	2,065.00
BM-GENE 32 PROTEIN	08/04/2009	552.00
MagMAX AI/ND viral RNA Isol kit	17/04/2009	256.40
Betaine	20/04/2009	113.54
Betaine	23/04/2009	86.10
MEM EARLES	27/04/2009	33.00
SSIII 1-STEP QRT-PCR 100	28/04/2009	2,065.00
BM-GENE 32 PROTEIN	29/04/2009	414.00
Viande canard hachée (remboursement)	17/04/2009	23.56
Sodium chlorure pour analyses ACS	30/04/2009	8.60
BSA 100ml	19/05/2009	610.00
Compresse gaze 75x75	25/05/2009	20.80
Phenol/Chloroforme/Alcool iso-amylque	27/05/2009	108.80
MEM EARLES	28/05/2009	54.25
SSIII 1-STEP QRT-PCR 100	03/06/2009	2,065.00
BM-GENE 32 PROTEIN	04/06/2009	690.00
OneStep RT-PCR Kit	16/06/2009	853.20
avoir	07/07/2009	- 35.00
QuantiTect probe RT-PCR kit	08/07/2009	680.40
MEM EARLES	13/07/2009	66.00
Fungizone	16/07/2009	27.30
Compresse gaze 75x75	16/07/2009	41.60
Viande poulet haché remboursement	22/07/2009	10.71
PBS DULBECCO'S	06/08/2009	25.75
Oligos	07/08/2009	298.00
Oligos	07/08/2009	351.36
Oligos	14/08/2009	637.00
Indicateur neutralit. PH 5-10	12/09/2009	107.62
DEPC-TREATED WATER	23/09/2009	177.50
QIAamp Viral RNA Mini kit	24/09/2009	461.70
SSIII 1-STEP QRT-PCR 100	01/10/2009	1,652.00
Oligonucleotides	08/10/2009	120.00
Heto anti-G Reastabil	12/10/2009	98.70
Polyethyleneglycol	14/10/2009	112.80
MEM EARLES	20/10/2009	173.35
Piston pellet seul	20/10/2009	205.20
Oligonucleotides	09/11/2009	240.00
Hoechst Stain Solution	16/12/2009	14.00
LightCycler Capillaries	08/07/2008	454.40
Pot crachat 180 ml	10/07/2008	34.05
Combitips plus biopur 5 ml	11/07/2008	206.00

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Blouses	16/07/2008	38.97
Sharpsafe 2 litres	23/07/2008	131.00
Pointe filtre	23/07/2008	139.00
Piles LR6	24/07/2008	14.40
Gants latex	05/08/2008	28.00
Falcon tube 15ml	06/08/2008	274.50
Flacon de culture cellulaire	25/08/2008	133.62
Gants latex	03/09/2008	56.00
Pointe filtre	09/09/2008	139.00
LightCycler Capillaries	10/09/2008	227.20
Brossettes	18/09/2008	40.80
Gants latex	03/10/2008	56.00
Pointe filtre	07/10/2008	31.00
Microtube 0.5ml	09/10/2008	76.90
Combitips plus biopur 10ml	13/10/2008	90.00
Tube à azote 2 ml	17/10/2008	64.89
LightCycler Capillaries	21/10/2008	454.40
Tube culture conique	21/10/2008	138.00
Microplaque culture 96	23/10/2008	66.00
Pointe filtre	27/10/2008	48.00
Pointe filtre	12/11/2008	98.10
Gants latex	27/11/2008	56.00
Tube culture conique	04/12/2008	68.00
LightCycler Capillaries	15/12/2008	454.40
Gaine thermosoudable	29/12/2008	190.00
Pointe filtre	20/01/2009	159.00
Pipette de serologie	21/01/2009	210.00
Gants latex	26/01/2009	56.00
Stripette 25ml	26/01/2009	34.34
LightCycler Capillaries	06/02/2009	454.40
Pointe filtre	16/03/2009	122.00
Gants latex	17/03/2009	56.00
Tube à azote 2 ml	17/03/2009	129.78
Microplaque culture 96	23/03/2009	241.00
Ruban PVC Plastifié	30/03/2009	89.56
Piston pellet seul	16/04/2009	368.80
flacon de culture	21/04/2009	63.24
Tube à azote 2 ml	21/04/2009	64.89
Microtube 2 ml	22/04/2009	165.00
Cryotube 1.5 ml	23/04/2009	130.00
Microtube 1.5 ml	27/04/2009	150.00
Piston pellet seul	29/04/2009	184.40
Pointe filtre	11/05/2009	87.00
Gants latex	13/05/2009	28.00
Flacon de culture cellulaire	19/05/2009	70.38
LightCycler Capillaries	22/05/2009	454.40
Bain à sec	26/05/2009	527.00
Microplaque culture 96	26/05/2009	67.00
Charlotte	27/05/2009	18.45
Flacon culture 250 ml	27/05/2009	82.00

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Tube culture conique	28/05/2009	69.00
Gants latex	05/06/2009	28.00
LightCycler Capillaries	08/06/2009	454.40
Pipette de serologie	15/06/2009	74.00
Stripette 25ml	17/06/2009	37.74
sharpsafe 7 litres	03/07/2009	124.00
sharpsafe 2 litres	03/07/2009	67.00
Cryotube 1.5 ml	09/07/2009	130.00
Flacon de culture cellulaire	10/07/2009	73.04
Microplaque culture 96	13/07/2009	192.00
Falcon tube 50ml	14/07/2009	53.00
Combitips plus biopur 2.5 ml	15/07/2009	218.40
Pointe filtre	16/07/2009	58.00
Tube à azote 2 ml	20/07/2009	133.90
Réservoirs à réactifs	20/07/2009	59.58
Pointe filtre	30/07/2009	133.00
Gants	02/09/2009	36.80
Blouses	04/09/2009	32.30
Parafilm	11/09/2009	25.00
Flacon carré 2000ml	23/09/2009	29.61
Pointe filtre	01/10/2009	58.00
Combi kleenguard jaune	07/10/2009	235.90
LightCycler Capillaries	19/10/2009	397.60
Tube à azote 2 ml	20/10/2009	133.90
Réservoirs à réactifs	21/10/2009	59.58
Combitips plus biopur 2.5ml	21/10/2009	334.40
Pots à prélèvement polypro 180ml	22/10/2009	35.88
Pointe filtre	30/10/2009	29.00
Rouleau Teflon	31/10/2009	3.03
Pointe filtre	02/11/2009	29.00
Bouteille à centrifuger	09/06/2008	192.96
Entonnoirs à transvaser	03/07/2008	20.34
Bidons carrés 10L	18/07/2008	56.82
Ciseaux fort arrondi	22/09/2008	9.00
Bidons carrés 10L	06/11/2008	85.06
Flacon 500ml	14/11/2008	37.72
Bidons carrés 10L	19/12/2008	85.06
Appareil de filtration	10/02/2009	3,488.10
Appareil de filtration	11/03/2009	1,494.90
Boite 36 tubes 15ml	25/03/2009	199.44
Boite 36 tubes 15ml	06/04/2009	49.86
Appareil de filtration	29/04/2009	4,942.50
Sonde d'immersion	09/06/2009	266.75
Boite congélation	09/07/2009	90.00
Accurack pr 20 tubes	17/09/2009	178.00
Bottes pvc	10/07/2008	29.62
Paire de manchettes Hypalon	27/05/2009	375.40
Laine de verre	29/02/2008	55.92
Sanicid	02/09/2008	45.57

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Aniospray	17/11/2008	72.72
RNase away et DNA away	28/01/2009	186.00
RNase away et DNA away	22/06/2009	186.00
RNase away et DNA away	12/08/2009	155.00
Lingette DNA away	19/08/2009	59.64
Vortex Adapter Genie	31/03/2009	205.00
Cartouches lexmark	23/07/2008	93.85
Fourniture documents	01/10/2008	9.10
Fourniture documents	03/11/2008	24.00
Fourniture documents	04/11/2008	5.00
Fourniture documents	18/12/2008	6.00
Fourniture documents	30/03/2009	14.00
Fourniture documents	21/04/2009	8.00
Fourniture documents	24/06/2009	6.00
Fourniture documents	26/08/2009	32.61
Poster	30/04/2009	103.36
Poster	30/05/2009	32.29
Transport colis	31/10/2008	995.00
Avoir	28/02/2009	- 300.00
Transport colis	30/09/2009	7.63
Transport colis	31/10/2009	6.98
Fûts plastiques jaunes. pipettes 2.5.10 ml	22/09/2008	214.41
Tubes hémolyse 5ml	01/10/2008	51.63
Fûts plastiques jaunes	22/12/2008	170.89
Pipettes 5 ml. pipettes 10 ml	06/01/2009	36.72
Pipettes 10 ml. chloroforme	03/02/2009	22.60
Pipettes 10 ml	04/05/2009	17.80
Pipettes 10 ml. fûts plastiques jaunes	01/06/2009	136.35
Pipettes 10 ml. fûts plastiques jaunes	01/04/2009	131.72
Pipettes 5ml. 10 ml. fûts plastiques jaunes	01/07/2009	255.77
Pipettes 10 ml	01/12/2009	18.05
Total		55,448.56

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
Transport Paris J. GACHET (23/04/09)	20/04/2009	116.00
Hébergement + repas + métro Paris	24/04/2009	143.14
Transport Paris J GACHET (02/07/09)	30/06/2009	116.00
Métro Paris (02/07/09)	03/07/2009	2.28
Transport Paris Nathalie Deboosere (02/07/09)	30/06/2009	59.00
Métro Paris (02/07/09)	03/07/2009	2.93
Total		439.35

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– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
	0.00
Total	0.00

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	12,090.81

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	4,566.15
Consumables	55,448.56
Travel	439.35
Durable Equipment	0.00
Other (Indirect Costs)	12,090.81
Total	72,544.87

Major deviations from cost budget and from person-month budget
None.

RIVERS

Partner 8 – Interdisciplinary Centre for Mathematical and Computational Modelling (AC Cost Model)

Scientific Leader: Jan RADOMSKI

Description of the work performed

J.P. RADOMSKI was involved in WP 9, WP10 and WP 11.

T.BADOWSKI, Sz. JARANOWSKI, P. PŁOŃSKI and T. ŻUK participated in WP9.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Tomasz BADOWSKI	1	449.49
Szymon JARANOWSKI	1	399.55
Piotr PŁOŃSKI	3	3 795.73
Jan RADOMSKI	5 (+ 1 *)	16 776.51
* Jan RADOMSKI spent 1/3 person-month on WP9. WP10 and WP11 (total 1 p-m). corresponding to time spent travelling. attending meetings. etc. (Management Activities). No extra personnel costs were charged.		
Tomasz ŻUK	4	5,967.75
Total	15	27,389.03

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
		0.00
Total		0.00

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
		0.00
Total		0.00

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
	0.00
Total	0.00

RIVERS

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	5,477.81

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	27,389.03
Consumables	0.00
Travel	0.00
Durable Equipment	0.00
Other (Indirect Costs)	5,477.81
Total	32,866.84

Major deviations from cost budget and from person-month budget

A substantial difference in exchange rates of Zloty/Euro at the budget planning stage and at the first day calculating final expenditure of the M1-M18 period (Aug. 1st. 2008) and again at the first day calculating final expenditure of the M19-M36 period (Feb. 1st. 2010) are the reasons behind deviation of personnel costs (the costs of travel were in Euros only for the whole duration of M1-M18, so there are no differences). In order to meet the project's goals we were forced to employ more graduate students in the second reporting period.

RIVERS

Partner 9 – Wuhan Institute of Virology (AC Cost Model)

Scientific Leader: Ze CHEN

Description of the work performed

The research in M19-M36 contains five parts. 1) Sample collection and virus isolation. Continue to collect the water sample, faecal sample. cloacal sample of the backyard poultry in Dongting lake wetland and in the living poultry market in the city around the wetland; 2) DNA sequencing and phylogenetic analysis of the whole genomes of the selected isolates. 3). Pathogenicity evaluation of some isolates. Some of the H5N1 viruses and H9N2 viruses have been chosen to test the pathogenicity in chickens and mice; 4) To assess the potential pathogenicity of the isolated low pathogenic virus to the mammal animals in the mice. Adaptation of the H10N8 strain in mouse lung was carried out by serial lung to lung passage. The molecular mechanism involved in the enhanced virulence was analyzed; 5) To assess the perpetuation of AIVs in natural water. Determining the duration of persistence for H5N1 (highly pathogenic AIV) and H9N2 viruses (low pathogenic AIV) in different natural water.

Explanatory note on cost items and justification

– Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Jianjun Chen	18	3,714.02
Quanjiao Chen	18	3,714.02
Huadong Wang	18	1,857.01
Hongbo Zhang	18	1,857.01
Total	72	11,142.06

– Consumables:

Type of consumable	Date of invoice	Amount (€)[Excl. of Tax]
Reagent	2008.8-2010.1	6,290.72
Consumable	2008.8-2010.1	3,788.93
Embryonated egg or animals	2008.8-2010.1	4,397.61
Sequencing or Synthesizing	2008.8-2010.1	5,242.91
Total		19,720.17

– Travel:

Type of travel	Date	Amount (€)[Excl. of Tax]
National	2008.8-2010.1	2,567.45
Total		2,567.45

– Durable Equipment: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
	0.00
Total	0.00

RIVERS

– Other/Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	6,685.94

Summary of costs

	Period P2 (M19-M36) (€) [Excl. of Tax]
Personnel	11,142.06
Consumables	19,720.17
Travel	2,567.45
Durable Equipment	0.00
Other (Indirect Costs)	6,685.94
Total	40,115.62

Major deviations from cost budget and from person-month budget

None.

RIVERS

Tabular Overview of budgeted person-months and actual person-months, by contractor and by Work Package (M19-M36)

Person-Month Status Table		Partner - Person-months per Work Package Permanent + non-permanent staff										AC Partners Own (Permanent) Staff									
CONTRACT N°: SSPE-CT-2006-44405		TOTALS	Coordinator - IPP	Partic. 2 - IC	Partic. 3 - MICB	Partic. 4 - IPC	Partic. 5 - IPS	Partic. 6 - CIRAD	Partic. 7 - IPL	Partic. 8 - ICM	Partic. 9 - WIV	AC TOTALS	Coordinator - IPP	Partic. 2 - IC	Partic. 3 - MICB	Partic. 4 - IPC	Partic. 5 - IPS	Partic. 7 - IPL	Partic. 8 - ICM	Partic. 9 - WIV	
ACRONYM: RIVERS																					
PERIOD: 01/08/2008-31/01/2010 (M19-M36)																					
Work Package 0: <i>Molecular basis of virus survival and virus strain "bioequivalence"</i>		Actual WP Total:	13,50	13,50								0,80	0,80								
		Planned WP Total:	12,00	12,00								-									
Work Package 1: <i>Concentration, identification and quantification of avian influenza viruses from waters, muds and aquatic animals</i>		Actual WP Total:	14,70	1,70		4,00			9,00			11,60	0,60			4,00		7,00			
		Planned WP Total:	22,00	4,00		4,00			14,00			-									
Work Package 2: <i>Observation of influenza viruses in natural environments</i>		Actual WP Total:	119,22	1,60	1,50	0,00	23,00	3,00	6,12		84,00	40,00	0,50	1,50	0,00	23,00	3,00			12,00	
		Planned WP Total:	88,00	4,00	13,00	6,00	30,00	6,00	9,00		20,00	-									
Work Package 3: <i>Observation of influenza virus survival and concentration in experimental settings</i>		Actual WP Total:	21,00			0,00	21,00					21,00			0,00	21,00					
		Planned WP Total:	36,00			6,00	30,00					-									
Work Package 4: <i>Impact of water treatments on virus survival</i>		Actual WP Total:	8,50	2,00	6,50							8,50	2,00	6,50							
		Planned WP Total:	44,00	2,00	42,00							-									
Work Package 5: <i>Impact of air conditions on virus survival</i>		Actual WP Total:	9,67	5,67			4,00					6,17	2,17				4,00				
		Planned WP Total:	17,00	13,00			4,00					-									
Work Package 6: <i>Persistence of viable virus in farms surroundings</i>		Actual WP Total:	26,18	0,83	1,50	13,00	3,00	3,00	0,85		4,00	12,23	0,73	1,50	0,00	3,00	3,00			4,00	
		Planned WP Total:	64,00	2,00	6,00	30,00	6,00	4,00	12,00		4,00	-									
Work Package 7: <i>Impact of air and surface treatments on virus survival</i>		Actual WP Total:	27,23	0,73			22,50				4,00	27,13	0,63				22,50			4,00	
		Planned WP Total:	44,00	2,00			36,00				6,00	-									
Work Package 8: <i>Evaluation of the impact of selected parameters involved in food processing</i>		Actual WP Total:	10,67	0,67					10,00			10,60	0,60					10,00			
		Planned WP Total:	20,00	2,00					18,00			-									
Work Package 9: <i>Modelling of virus survival and concentration in natural water reservoirs and soiled surfaces</i>		Actual WP Total:	18,56	0,73			0,00	3,50		14,33		0,40	0,40			0,00			0,00		
		Planned WP Total:	46,00	2,00			4,00	4,00		36,00		-									
Work Package 10: <i>Recommendations from the prevention and control to current and future avian influenza outbreaks in wild and domestic birds with a pandemic potential in Europe and the rest of the world</i>		Actual WP Total:	1,13	0,00	0,50		0,00		0,30	0,00	0,33	0,50	0,00	0,50		0,00		0,00	0,00		
		Planned WP Total:	8,00	3,00	1,00		1,00		1,00	1,00	1,00	-									
Work Package 11: <i>Management of the RIVERS Project</i>		Actual WP Total:	15,95	8,50	1,00	0,00	1,50	1,00	1,62	0,00	0,33	14,00	8,50	1,00	0,00	1,50	1,00	0,00	0,00	2,00	
		Planned WP Total:	39	15	3	3	3	3	3	3	3	-									
Total Project Person-Months		Actual Total:	286,31	35,93	11,00	13,00	52,50	33,50	12,39	19,00	14,99	94,00	152,93	16,93	11,00	0,00	52,50	33,50	17,00	0,00	22,00
		Planned Total:	440	61	65	45	78	53	29	36	40	33	-	-	-	-	-	-	-	-	

RIVERS

Section 2 – Form C Financial statement per activity for the contractual reporting period (M19-M36)

Partner 1 – Institut Pasteur Paris

Form C - Model of Financial Statement per Activity (to be filled by each contractor)			
Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	INSTITUT PASTEUR PARIS		
Legal Type	Non-profit		
Contact Person	Mrs. Valérie GADAUD	Telephone	+33 1 40 01 39 38
Telecopy	+33 1 40 61 32 26	E-mail	valerie.gadaud@pasteur.fr
Cost model used (AC/FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010
1- Resources (Third party(ies))			
Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)			No
If Yes, please provide the following information			
Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;

- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity											
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		Total (F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	66907,38						542,20				67449,58	0,00
Of which subcontracting											0,00	0,00
Indirect costs	13381,48						108,44				13489,92	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	80288,86	0,00	0,00	0,00	0,00	0,00	650,64	0,00	0,00	0,00	80939,50	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity											
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		Total (F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(les)	Contractor	Third Party(les)	Contractor	Third Party(les)	Contractor	Third Party(les)	Contractor	Third Party(les)	Contractor	Third Party(les)
Total receipts											0.00	0.00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
<i>To be completed only by the coordinator.</i>	
<i>Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)</i>	Yes
<i>If yes, please mention the amount (in €)</i>	670,82

5- Request of FP6 Financial contribution (in €)	
<i>For this period, the FP6 Community financial contribution requested is equal to (amount in €)</i>	80939,50

6- Audit certificates	
<i>According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)</i>	
No	
<i>If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)</i>	
<i>If No, what is the periodicity covered by this(those) audit certificate(s)?</i>	
<i>What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?</i>	From – To
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
	0,00
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
<i>Costs incurred in currencies other than EURO shall be reported in EURO.</i>	
<i>Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.</i>	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
<i>We certify that:</i>		
<ul style="list-style-type: none"> - the costs declared above are directly related to the resources used to reach the objectives of the project ; - the receipts declared above are directly related to the resources used to reach the objectives of the project ; - the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ; - the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ; - the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ; - the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ; - the above information declared is complete and true ; - there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives. 		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	Jean-Claude MANUGUERRA	Véronique MARCHAIS
	Date	Date
	18/02/2010	05/03/2010
	Signature	Signature

RIVERS

Partner 2 – Institutul Cantacuzino

Form C - Model of Financial Statement per Activity (to be filled by each contractor)

Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	"Cantacuzino" National Institute of Research and Development Microbiology and Immunology		
Legal Type	Other		
Contact Person	Emilia LUPULESCU	Telephone	40213069100
Telecopy	4021369307	E-mail	elupulescu@cantacuzino.ro
Cost model used (AC//FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))

Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)	No
If Yes, please provide the following information	
Third Party 1 (Y1) Legal Name	Cost model used
Third Party 2 (Y2) Legal Name	Cost model used
Third Party 3 (Y3) Legal Name	Cost model used
Third Party 4 (Y4) Legal Name	Cost model used

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	10649,89										10649,89	0,00
Of which subcontracting											0,00	0,00
Indirect costs	2129,98										2129,98	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	12779,87	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	12779,87	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	12779,87

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	
From – To	
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
0,00	
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
- the costs declared above are directly related to the resources used to reach the objectives of the project ;		
- the receipts declared above are directly related to the resources used to reach the objectives of the project ;		
- the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ;		
- the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ;		
- the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ;		
- the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ;		
- the above information declared is complete and true ;		
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	IORDACHEL Radu	PETRICIA Camelia
	Date	Date
	Signature	Signature

RIVERS

Partner 3 – The Stephan Angeloff Institute of Microbiology

Form C - Model of Financial Statement per Activity (to be filled by each contractor)

Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	The Stephan Angeloff Institute of Microbiology		
Legal Type	Non-profit		
Contact Person	Prof. Angel S. Galabov	Telephone	+35928700108; +359888287103
Telecopy	+35928700109	E-mail	galabov@microbio.bas.bg
Cost model used (AC//FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))

Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)

No

If Yes, please provide the following information

Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;

- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	24154,00										24154,00	0,00
Of which subcontracting											0,00	0,00
Indirect costs	4830,80										4830,80	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	28984,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	28984,80	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	28984,80

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	
From – To	
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
	0,00
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
- the costs declared above are directly related to the resources used to reach the objectives of the project ;		
- the receipts declared above are directly related to the resources used to reach the objectives of the project ;		
- the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ;		
- the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ;		
- the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ;		
- the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ;		
- the above information declared is complete and true ;		
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	Angel S. GALABOV	Mrs. Pavlinka Nikolova Angelova
	Date	Date
	17/03/2010	17/03/2010
	Signature	Signature

RIVERS

Partner 4 – Institut Pasteur du Cambodge

Form C - Model of Financial Statement per Activity (to be filled by each contractor)

Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	INSTITUT PASTEUR DU CAMBODGE		
Legal Type	Non-profit		
Contact Person	Jean-Paul DOUSSET	Telephone	85512802977
Telecopy	85523725606	E-mail	dousset@pasteur-kh.org
Cost model used (AC//FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))

Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)

No

If Yes, please provide the following information

Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	61060,01										61060,01	0,00
Of which subcontracting											0,00	0,00
Indirect costs	12212,00										12212,00	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	73272,01	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	73272,01	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	73272,01

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	
From – To	
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
0,00	
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
- the costs declared above are directly related to the resources used to reach the objectives of the project ;		
- the receipts declared above are directly related to the resources used to reach the objectives of the project ;		
- the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ;		
- the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ;		
- the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ;		
- the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ;		
- the above information declared is complete and true ;		
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	Vincent DEUBEL	Jean-Paul DOUSSET
	Date	Date
	30/03/2010	30/03/2010
	Signature	Signature

RIVERS

Partner 5 – Chinese Academy of Sciences – Pasteur Institute of Shanghai

Form C - Model of Financial Statement per Activity (to be filled by each contractor)			
Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	SHANGHAI INSTITUTES OF BIOLOGICAL SCIENCES, CHINESE ACADEMY OF SCIENCES		
Legal Type	Non-profit		
Contact Person	Prof. Xiaoya Chen	Telephone	+862154920000
Telecopy	+862154920078	E-mail	xvchen@sibs.ac.cn
Cost model used (AC/FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))			
Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)			No
If Yes, please provide the following information			
Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)	
Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.	
If you are a contractor using the additional cost model (AC):	
- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;	
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.	
If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.	
The costs declared should distinguish between direct and indirect costs.	
If necessary, adjustments to previous period(s) may be included where appropriate.	

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	70461,52										70461,52	0,00
Of which subcontracting											0,00	0,00
Indirect costs	14092,30										14092,30	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	84553,82	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	84553,82	0,00

3- Declaration of receipts (in €)	
If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.	
If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.	
If a receipt is not allocated to an activity	

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
<i>To be completed only by the coordinator.</i>	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	84553,82

6- Audit certificates			
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)			No
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)			
If No, what is the periodicity covered by this(those) audit certificate(s)?		From – To	
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?			
Audit certificate of the contractor (X)			
Legal name of the audit firm		Cost of the certificate	
Audit certificate(s) of the third party(ies) (Ys) (if necessary)			
Y1: Legal name of the audit firm		Cost of the certificate	
Y2: Legal name of the audit firm		Cost of the certificate	
Y3: Legal name of the audit firm		Cost of the certificate	
Y4: Legal name of the audit firm		Cost of the certificate	
Total (Z) = (X) + (Ys)			0,00
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.			

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
<ul style="list-style-type: none"> - the costs declared above are directly related to the resources used to reach the objectives of the project ; - the receipts declared above are directly related to the resources used to reach the objectives of the project ; - the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ; - the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ; - the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ; - the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ; - the above information declared is complete and true ; - there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives. 		
Contractor's Stamp	Name of the Person responsible of this Financial	Name of the duly authorised Financial Officer
	Prof. Vincent DEUBEL	Mr. Irenée ROBIN
	Date	Date
	27/04/2010	07/04/2010
	Signature	Signature

RIVERS

Partner 6 – Centre de Coopération Internationale en Recherche Agronomique pour le Développement

Form C - Model of Financial Statement per Activity (to be filled by each contractor)

Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	Centre International en Recherche Agronomique pour le Développement		
Legal Type	Non-profit		
Contact Person	Jean-Christophe Glaszmann	Telephone	+33467615922
Telecopy	+33467615659	E-mail	jean-christophe.glaszmann@cirad.fr
Cost model used (AC//FC or FCF)	FCF	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))

Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)	No
---	----

If Yes, please provide the following information

Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	50547,97						7993,72				58541,69	0,00
Of which subcontracting											0,00	0,00
Indirect costs	10109,59						1598,74				11708,33	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	60657,56	0,00	0,00	0,00	0,00	0,00	9592,46	0,00	0,00	0,00	70250,02	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	39921,24

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	
From – To	
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
0,00	
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
- the costs declared above are directly related to the resources used to reach the objectives of the project ;		
- the receipts declared above are directly related to the resources used to reach the objectives of the project ;		
- the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ;		
- the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ;		
- the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ;		
- the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ;		
- the above information declared is complete and true ;		
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	Dr. Dominique MARTINEZ	Jean-Marc DEBOIN
	Date	Date
	14/04/2010	14/04/2010
	Signature	Signature

RIVERS

Partner 7 – Institut Pasteur de Lille

Form C - Model of Financial Statement per Activity (to be filled by each contractor)

Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	INSTITUT PASTEUR DE LILLE		
Legal Type	Other		
Contact Person	Michèle VIALETTE	Telephone	+33 320 87 78 53
Telecopy	+33 320 87 72 24	E-mail	michele.vialette@pasteur-lille.fr
Cost model used (AC//FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))

Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)

No

If Yes, please provide the following information

Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	60454,06										60454,06	0,00
Of which subcontracting											0,00	0,00
Indirect costs	12090,81										12090,81	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	72544,87	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	72544,87	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	72544,87

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	
From – To	
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
0,00	
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
- the costs declared above are directly related to the resources used to reach the objectives of the project ;		
- the receipts declared above are directly related to the resources used to reach the objectives of the project ;		
- the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ;		
- the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ;		
- the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ;		
- the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ;		
- the above information declared is complete and true ;		
- there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives.		
Contractor's Stamp	Name of the Person responsible of this work	Name of the duly authorised Financial Officer
	Michèle VIALETTE	Philippe AMOUYEL
	Date	Date
	16/03/2010	16/03/2010
	Signature	Signature

RIVERS

Partner 8 – Interdisciplinary Centre for Mathematical and Computational Modelling

Form C - Model of Financial Statement per Activity (to be filled by each contractor)

Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	WARSAW UNIVERSITY		
Legal Type	Non-profit		
Contact Person	Jan RADOMSKI	Telephone	+48 22 8749100
Telecopy	+48 22 8749115	E-mail	j.radomski@icm.edu.pl
Cost model used (AC//FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))

Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)

No

If Yes, please provide the following information

Third Party 1 (Y1) Legal Name		Cost model used	
Third Party 2 (Y2) Legal Name		Cost model used	
Third Party 3 (Y3) Legal Name		Cost model used	
Third Party 4 (Y4) Legal Name		Cost model used	

2- Declaration of eligible costs (in €)

Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.

If you are a contractor using the additional cost model (AC):

- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.

The costs declared should distinguish between direct and indirect costs.

If necessary, adjustments to previous period(s) may be included where appropriate.

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	27389,03										27389,03	0,00
Of which subcontracting											0,00	0,00
Indirect costs	5477,81										5477,81	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	32866,84	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	32866,84	0,00

3- Declaration of receipts (in €)

If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.

If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.

If a receipt is not allocated to an activity

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	32866,84

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	From – To
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
0,00	
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	No
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	Yes
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
<ul style="list-style-type: none"> - the costs declared above are directly related to the resources used to reach the objectives of the project ; - the receipts declared above are directly related to the resources used to reach the objectives of the project ; - the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ; - the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ; - the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ; - the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ; - the above information declared is complete and true ; - there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives. 		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	Jan RADOMSKI	Ewa MIKŁASZEWICZ
	Date	Date
	03/03/2010	10/03/2010
	Signature	Signature

RIVERS

Partner 9 – Wuhan Institute of Virology

Form C - Model of Financial Statement per Activity (to be filled by each contractor)			
Type of instrument	Specific Targeted Project	Type of Action (if necessary)	
Project Title (or Acronym)	RIVERS	Contract n°	SSPE-CT-2006-44405
Contractor's Legal Name	Wuhan Institute of Virology, Chinese Academy of Sciences		
Legal Type	Non-Commercial		
Contact Person	Ze Chen	Telephone	+86-27-87198739
Telecopy	+86-27-87198167	E-mail	chenze2005@263.net
Cost model used (AC//FC or FCF)	AC	Indirect costs (Real or Flat Rate of 20% of Direct costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)
		Flat rate	20
Period from	01/08/2008	To	31/01/2010

1- Resources (Third party(ies))	
Are there any resources made available on the basis of a prior agreement with third parties identified in Annex I of the contract? (Yes / No)	No
If Yes, please provide the following information	
Third Party 1 (Y1) Legal Name	Cost model used
Third Party 2 (Y2) Legal Name	Cost model used
Third Party 3 (Y3) Legal Name	Cost model used
Third Party 4 (Y4) Legal Name	Cost model used

2- Declaration of eligible costs (in €)	
Please complete only the activity covered by the relevant instrument (and type of action) indicated above and as mentioned in Article II.25 and/or in Annexes I and III of the contract.	
If you are a contractor using the additional cost model (AC):	
- indicate only your additional eligible costs, except for Management of the Consortium Activity for which you may indicate your full eligible costs;	
- do not declare eligible direct additional costs specifically covered by contributions from third parties as mentioned in Articles II.20 and II.23.a and b of the contract.	
If you are a contractor using a full cost model (FC/FCF), indicate your full eligible costs.	
The costs declared should distinguish between direct and indirect costs.	
If necessary, adjustments to previous period(s) may be included where appropriate.	

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Direct costs	33429,68						0,00				33429,68	0,00
Of which subcontracting											0,00	0,00
Indirect costs	6685,94						0,00				6685,94	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	40115,62	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	40115,62	0,00

3- Declaration of receipts (in €)	
If you are a contractor using the additional cost model (AC), indicate only receipts covered by Article II.23.c of the contract.	
If you are a contractor using a full cost model (FC/FCF), indicate receipts covered by Article II.23 of the contract.	
If a receipt is not allocated to an activity	

	Type of Activity										Total	
	Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the Consortium (D)		Other Specific Activities (E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)	Contractor	Third Party(ies)
Total receipts											0,00	0,00

RIVERS

4- Declaration of interest generated by the pre-financing (in €)	
To be completed only by the coordinator.	
Did the pre-financing (advance) you received by the Commission for this period earn interests? (Yes / No)	No
If yes, please mention the amount (in €)	

5- Request of FP6 Financial contribution (in €)	
For this period, the FP6 Community financial contribution requested is equal to (amount in €)	40115,62

6- Audit certificates	
According to the contract, does this Financial Statement need an audit certificate (or several in case of Third party(ies)) delivered by independent auditor(s)? (Yes / No)	
No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement per Activity? (Yes / No)	
If No, what is the periodicity covered by this(those) audit certificate(s)?	From – To
What is the total cost of this(those) audit certificate(s) (in €) per independent auditor(s) ?	
Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate
Audit certificate(s) of the third party(ies) (Ys) (if necessary)	
Y1: Legal name of the audit firm	Cost of the certificate
Y2: Legal name of the audit firm	Cost of the certificate
Y3: Legal name of the audit firm	Cost of the certificate
Y4: Legal name of the audit firm	Cost of the certificate
Total (Z) = (X) + (Ys)	
0,00	
Reminders: The cost of an audit certificate is included in the costs declared under the activity "Management of the Consortium". The required audit certificate(s) is(are) attached to this Financial Statement.	

7-Conversion rates	
Costs incurred in currencies other than EURO shall be reported in EURO.	
Please mention the conversion rate used (only one choice is possible) – Please note that the same principle applies for receipts.	
Contractor	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party(ies) (if necessary)	
Third Party 1 (Y1)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 2 (Y2)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 3 (Y3)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No
Third Party 4 (Y4)	
- Conversion rate of the Date of incurred actual costs?	Yes
- Conversion rate of the first day of the first month following the period covered by this Financial Statement?	No

8- Contractor's Certificate		
We certify that:		
<ul style="list-style-type: none"> - the costs declared above are directly related to the resources used to reach the objectives of the project ; - the receipts declared above are directly related to the resources used to reach the objectives of the project ; - the costs declared above fall within the definition of eligible costs specified in Articles II.19, II.20, II.21, II.22 and II.25 of the contract, and, if relevant, in Annex III and Article 9 (special clauses) of the contract ; - the receipts declared above fall within the definition of receipts specified in Article II.23 of the contract ; - the interest generated by the pre-financing declared above falls within the definition of Article II.27 of the contract ; - the necessary adjustments, especially to costs reported in previous Financial Statement(s) per Activity, have been incorporated in the above Statement ; - the above information declared is complete and true ; - there is full supporting documentation to justify the information hereby declared. It will be made available at the request of the Commission and in the event of an audit by the Commission and/or by the Court of Auditors and/or their authorised representatives. 		
Contractor's Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer
	Xinwen CHEN	Zhiyou WANG
	Date	Date
	17/03/2010	17/03/2010
	Signature	Signature

RIVERS

Section 3 – Summary Financial Report

Summary Financial Report																			
Type of Instrument		STReP	Project Title (or Acronym)		RIVERS								Contract N°		SSPE-CT-2006-44405				
Reporting period number			2	From (dd/mm/yyyy)		01/08/2008				To (dd/mm/yyyy)				31/01/2010				Page	1/1
Contractor n°	Organisation Short Name	Cost model used	Eligible costs (in €)	Type of activities										Total eligible costs (F)=(A)+(B)+(C)+(D)+(E)		Receipts		EC contribution	
				Research and Technological Development / Innovation (A)		Demonstration (B)		Training (C)		Management of the consortium (D)		Other Specific Activities (E)							
				Contractor	Third party(ies)	Contractor	Third party(ies)	Contractor	Third party(ies)	Contractor	Third party(ies)	Contractor	Third party(ies)	Contractor	Third party(ies)	Contractor	Third party(ies)	Contractor	Third party(ies)
1	INSTITUT PASTEUR PARIS	AC	Direct eligible costs	66 907,38	0,00	0,00	0,00	0,00	0,00	542,20	0,00	0,00	0,00	67 449,58	0,00	0,00	0,00	80 939,50	80 939,50
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
			Indirect eligible costs	13 381,48	0,00	0,00	0,00	0,00	0,00	108,44	0,00	0,00	0,00	13 489,92	0,00				
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
			Total eligible costs	80 288,86	0,00	0,00	0,00	0,00	0,00	650,64	0,00	0,00	0,00	80 939,50	0,00				
2	"Cantacuzino " National Institute of Research and Development Microbiology and Immunology	AC	Direct eligible costs	10 649,89	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	10 649,89	0,00	0,00	0,00	12 779,87	12 779,87	
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Indirect eligible costs	2 129,98	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	2 129,98					0,00
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Total eligible costs	12 779,87	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	12 779,87					0,00
3	The Stephan Angeloff Institute of Microbiology	AC	Direct eligible costs	24 154,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	24 154,00	0,00	0,00	0,00	28 984,80	28 984,80	
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Indirect eligible costs	4 830,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4 830,80					0,00
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Total eligible costs	28 984,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	28 984,80					0,00
4	INSTITUT PASTEUR DU CAMBODGE	AC	Direct eligible costs	61 060,01	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	61 060,01	0,00	0,00	0,00	73 272,01	73 272,01	
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Indirect eligible costs	12 212,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	12 212,00					0,00
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Total eligible costs	73 272,01	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	73 272,01					0,00
5	SHANGHAI INSTITUTES OF BIOLOGICAL SCIENCES, CHINESE ACADEMY OF SCIENCES	AC	Direct eligible costs	70 461,52	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	70 461,52	0,00	0,00	0,00	84 553,82	84 553,82	
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Indirect eligible costs	14 092,30	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	14 092,30					0,00
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00					0,00
			Total eligible costs	84 553,82	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	84 553,82					0,00
6	Centre International en Recherche Agronomique pour le Développement	FCF	Direct eligible costs	50 547,97	0,00	0,00	0,00	0,00	0,00	7 993,72	0,00	0,00	0,00	58 541,69	0,00	0,00	0,00	39 921,24	39 921,24
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
			Indirect eligible costs	10 109,59	0,00	0,00	0,00	0,00	0,00	1 598,74	0,00	0,00	0,00	11 708,33	0,00				
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00				
			Total eligible costs	60 657,56	0,00	0,00	0,00	0,00	0,00	9 592,46	0,00	0,00	0,00	70 250,02	0,00				

RIVERS

7	INSTITUT PASTEUR DE LILLE	AC	Direct eligible costs	60 454,06	0,00	0,00	0,00	0,00	0,00	0,00	0,00	60 454,06	0,00	0,00	0,00	72 544,87	72 544,87
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00						
			Indirect eligible costs	12 090,81	0,00	0,00	0,00	0,00	0,00	12 090,81	0,00						
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00						
			Total eligible costs	72 544,87	0,00	0,00	0,00	0,00	0,00	72 544,87	0,00						
8	WARSAW UNIVERSITY	AC	Direct eligible costs	27 389,03	0,00	0,00	0,00	0,00	0,00	0,00	27 389,03	0,00	0,00	0,00	32 866,84	32 866,84	
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00						
			Indirect eligible costs	5 477,81	0,00	0,00	0,00	0,00	0,00	5 477,81	0,00						
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00						
			Total eligible costs	32 866,84	0,00	0,00	0,00	0,00	0,00	32 866,84	0,00						
9	Wuhan Institute of Virology, Chinese Academy of Sciences	AC	Direct eligible costs	33 429,68	0,00	0,00	0,00	0,00	0,00	0,00	33 429,68	0,00	0,00	0,00	40 115,62	40 115,62	
			of which direct eligible costs of subcontracting	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00						
			Indirect eligible costs	6 685,94	0,00	0,00	0,00	0,00	0,00	6 685,94	0,00						
			Adjustment on previous period(s)	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00						
			Total eligible costs	40 115,62	0,00	0,00	0,00	0,00	0,00	40 115,62	0,00						
Total eligible costs				486 064,25	0,00	0,00	0,00	10 243,10	0,00	0,00	0,00	496 307,35	0,00	0,00	0,00	465 978,56	465 978,56
				486 064,25		0,00	0,00	10 243,10		0,00	0,00	496 307,35		0,00			
Maximum calculated EC contribution for the reporting period (in €) without taking into account receipts				455 735,46	0,00	0,00	0,00	10 243,10	0,00	0,00	0,00	465 978,56					
				455 735,46		0,00	0,00	10 243,10		0,00	0,00						
Amount of the financial interests generated by the prefinancing												670,82					
Requested EC contribution for the reporting period (in €)												465 978,56					