

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

1st reporting period

Period covered: From 01.02.2007 to 31.07.2008 (M1-M18)

Date of preparation: 18/11/2008

Start date of project: 01 February 2007 Duration: 36 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. 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:

Only permanent personnel was involved in the RIVERS project in the first 18 months of 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]
Enzymes	-	1,344.56
Chemical products and consumables	-	1,648.33
Glass products, small equipment and other consumables	-	1,029.62
Total		4,022.51

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
Kick-Off meeting	12-13.02.2007	1,275.25
RIVERS meeting 2008	23.05.2008	2,747.28
Total		4,022.53

- <u>Durable Equipment</u>: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	1,609.01

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	0.00
Consumables	4,022.51
Travel	4,022.53
Durable Equipment	0.00
Indirect Costs	1,609.01
Total	9,654.05

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

Partner 2 – Institutul Cantacuzino (AC Cost Model)

Scientific Leader: Emilia LUPULESCU

Description of the work performed

- Impact of water treatments on virus survival (WP4)

Part of work has been done on the stability of influenza viruses submitted to various temperature, pH and protein content. The virucidal efficacy of disinfectants was also assessed. The disinfectants belong to 4 different groups: 1/ chlorine based, 2/ oxidative agents, 3/ aldehydes and 4/ alcohols. The length of contact time was determined according to manufacturers' instructions. The strain used was the reassortant NIB-RG 91 derived from A/Vietnam/1194/2004(H5N1). The virus viability was tested by the inoculation of 4 embryonated hen egg per sample with measured quantities of virus (in EID50 or qRT-PCR). Basically disinfectants have a good efficacy apart from alcohol based ones.

- Other WPs

Following the Tulcea outbreak of H5N1 HPAI in November 2007 and 3 weeks after, samples were collected from soil, faeces, food and water.

In the Danube Delta, samples were collected from the lake Mahmudia: soil, faeces and water.

Samples were frozen at -70°C and have not been processed as yet.

Explanatory note on cost items and justification

- Personnel funded by the project:

Only permanent staff was involved in the RIVERS project in the first 18 months of the project. No personnel costs are claimed for reimbursement for the period 01/02/2007 through 31/07/2008.

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]
Embryonated eggs	24.02.2007	23.74
Syringe with needle 10 and 5 ml	03.04.2007	316.27
ANTIVIRUS KASPERSKY	17.05.2007	72.92
Thick PVC sacks	21.05.2007	366.30
Plastic bags	21.05.2007	364.60
CLEANING MATERIALS	21.05.2007	56.10
WRAPPING PAPER	21.05.2007	117.29
STRING	21.05.2007	121.96
Office supplies, antivirus, USB Pen 1 GB	21.06.2007	63.31
Tubes 10 ml	06.07.2007	223.85
TUBES	06.07.2007	50.25
TUBES	06.07.2007	395.69
Tubes 10 ml	31.07.2007	223.85
Tubes 15	31.07.2007	237.42
Multidish 24 wells	13.08.2007	337.13
Tubes 15 ml	24.08.2007	778.21
96 microwell plates NUNCLON	24.08.2007	193.53

Disposal bags, thickness of foil	24.08.2007	485.55
Multidish 24 wells	18.09.2007	118.80
Syrfil 25 mm, 0.45 uM	18.09.2007	1,951.39
Superscript platinum one- step	19.09.2007	1,474.71
Tubes 10 ml	27.09.2007	223.85
Embryonated eggs	05.10.2007	26.51
Multidish non-treated	11.10.2007	404.81
Embryonated eggs	12.10.2007	26.51
Embryonated eggs	18.10.2007	26.71
Embryonated eggs	02.11.2007	50.25
Tubes 15 ml, Syrfil 25 mm, 0.22 uM	08.11.2007	1,176.22
Multidish 24 wells	13.03.2008	2,420.74
PCR primers	11.06.2008	321.98
Multilow binding Soft tips	16.06.2008	1,429.58
96 microwell plates, pipettes	02.07.2008	531.20
Agarose, tips PCR	03.07.2008	741.64
DNA ladder, microtubes PCR	09.07.2008	272.75
Pipettes 2 ml	10.07.2008	79.84
Syrfil 25 mm, 0.45, 0.22, 0.5 uM	10.07.2008	1,399.46
Pipettes 10 ml	16.07.2008	56.60
TRI reagent (200 ml)	16.07.2008	533.44
Full Velocity SYBRGreen qRT-PCR	17.07.2008	3,683.84
Tris/Acetic acid/EDTA	18.07.2008	285.57
Tubes strips, cap strips, barrier tips PCR	18.07.2008	1,448.52
Cryotubes Corning	22.07.2008	438.30
96 microwell plates	23.07.2008	671.19
Conditioner air	23.07.2008	273.14
One-step RT-PCR kit Qiagen	25.07.2008	869.07
One-step RT-PCR kit Invitrogen	25.07.2008	2,261.52
Pipettes 2 ml	28.07.2008	69.93
Microtubes	28.07.2008	68.96
Small equipment for laboratory	28.07.2008	5,194.89
Compact laboratory for water testing	28.07.2008	263.48
RNA extraction kit	29.07.2008	1,381.00
Sterilisant Filter 0.22 uM	29.07.2008	338.41
Total		34,942.78

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
External travel	06.02.2007	559.51
Internal travel	19.12.2007	268.08
Total		827.59

- Durable Equipment: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total 7,154.	

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	0.00
Consumables	34,942.78
Travel	827.59
Durable Equipment	0.00
Indirect Costs	7,154.07
Total	42,924.44

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

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

Scientific Leader: Angel S. GALABOV

Description of the work performed

Work Package 2

Study and test of wild, domestic birds for AIV detection. Collection of samples from water reservoirs for testing. Experimental design.

Study on the survival of strains of avian influenza A viruses in natural surface waters visited by migrating and wintering wild waterfowls: (1) Physical and chemical characteristics of the surface waters of reservoirs visited by migrating and wintering wild waterfowls; (2) I. Microbiological study of waters from different water reservoirs visited by migrating and wintering birds; (3) Persistence of avian influenza viruses in waters from different reservoirs visited by migratory and wintering wild birds.

Work Package 6

Working protocol for establishment of presence and circulation of avian influenza viruses in the farms and surrounding areas.

- → Development of standardized scheme for sample collection from poultry holdings and belonging surrounding territory for detection of avian influenza viruses' circulation.
- → Samples collection.
- → Analysis of avian flu state in Bulgaria.

Explanatory note on cost items and justification

- Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Angel S. GALABOV	5.5	5,782.00
Georgi GEORGIEV	5	5,036.00
Ivan ZARKOV	4	4,820.00
Lora SIMEONOVA	2	676.00
Lilyana WASSILEWA	1.5	751.00
Gabriela GUJGULOVA	2.5	1,126.00
Lucia MUKOVA	1.5	450.00
Galya GEGOVA	1	282.00
Total	23	18,923.00

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
Chemicals, reactives, cell culture media	04/05/2007-30/06/2008	5,332.00
Laboratory glass & plastic vessels	13/07/2007-26/06/2008	2,723.00
In vivo biological test material	31/07/2007-27/06/2008	174.00
Disinfectants	27/06/2007-25/06/2008	73.00
Information products	23/04/2007-25/06/2008	584.00
Mail expenses	03/04/2007-29/02/2008	370.00
Office materials	15/06/2007-30/06/2008	214.00
Spare parts	05/11/2007-29/07/2008	107.00
Total		9,577.00

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
Project team meeting, Paris, France(3 people)	10-14/02/2007	2,531.00
Project team meeting, Paris (1 person)	25-27/02/2007	121.00
International conference in Palm Springs, USA (1 person)	26/04-06-05/2007	412.00
International conference in Amritsar, India (1 person)	14-23/02/2008	425.00
International conference in Montreal, Canada (3 people)	12-19/04/2008	2,731.00
International conference in Paris, France (1 person)	24-28/06/2008	242.00
National congress in Sofia, Bulgaria (all research team – 8 people)	28-31/05/2008	451.00
Project Bulgarian team meeting in Sofia, Bulgaria	17-19/07/2008	76.00
Total		6,989.00

- <u>Durable Equipment</u>: (if any)

Type of Equipment (Description)	Amount (€)[Excl. of Tax]
Pure water system	2,454.00
CO2 incubator	4,474.00
Lamina flow (2)	3,889.00 and 5,000.00
Refrigerator (-30°C); analytical	408.00
Balance	1,891.00
Computer configuration	824.00
Total	18,940.00

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	10,885.80

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	18,923.00
Consumables	9,577.00
Travel	6,989.00
Durable Equipment	18,940.00
Indirect Costs	10,885.80
Total	65,314.80

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

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

Scientific Leader: Philippe BUCHY

Description of the work performed

Before creating artificial aquatic biotopes, it was necessary to list the elements naturally existing in aquatic environment and to record physico-chemical characteristics of water during epidemics.

Unfortunately, only one outbreak in poultry occurred (and just at the beginning of the project).

In 2008, no outbreak in poultry was detected so far. Therefore, we decided to follow the water characteristics of one pond in the house of a patient who was contaminated by the H5N1 virus in 2007.

We used also this water and this mud to create artificial water settings in aquarium. Due to late delivery of the BSL3+ animal facilities, the project was postponed and the first experiments took place in July 2008.

We built 8 aguariums that could fit into a BSL2 cabinet place in the A3+ laboratory.

Water from used for the experiments was collected from the field (in a pond previously contaminated by H5N1).

Water was analysed for chemical parameters, pH, temperature, etc., and bacteria. Aquariums containing mud, plants, fish, shells, and snails were contaminated with H5N1 virus at a fix EID50 value. The temperature of the water was controlled by individual water-heaters and the temperatures used were in the range of the temperatures observed in the field. Specimens are now analysed by quantitative real-time PCR and by egg inoculation according a specific method using a cocktail of antibiotics and antifungi. Results of this first series of experiments are expected by October (3 passages on eggs are necessary to assess virus survival) and a second series of experiments will start just after.

Results of an investigation done prior to RIVERS project were recently published (Vong S et al., EID, July 2008). Samples collected in 2007 were analyzed by RT-PCR. Very low viral load of viruses were detected in few specimens. The last passage on eggs of the specimens is ongoing. Soil specimens will be later retested using adapted extraction column to avoid false positives (inhibitors of PCR in the soil). In 2008, the Epidemiology Unit in IPC finalized the analyses of the 2006 surveillance data in poultry in six provinces of Cambodia and of poultry mortality surveys in areas where H5N1 was identified either in humans or in poultry. A new epidemiological definition of H5N1-related mortality and signs and non-H5N1-related in chicken and duck flocks with high sensitivity and specificity were generated.

We compared poultry mortality characteristics and signs between laboratory confirmed H5N1 infected flocks with non H5N1 ones. We applied the proposed definitions to the 2006 surveillance data and performed a space time analysis to determine plausible clusters of villages affected by H5N1.

These results were subsequently sent to the CIRAD team led by Flavie GOUTARD, Montpellier, to be included in a model that helps determine spatial and environmental risk factors associated with circulation of H5N1 viruses. Environmental parameters such as the land cover or the temporal variations of flooding will be taken into account by the analysis of time series of MODIS images.

The IPC results are currently compiled in the form of the report. A manuscript to be submitted to a peer-reviewed journal is under preparation.

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

Only permanent staff worked and was involved in RIVERS during the first reporting period M1-M18. No new personnel were hired to specifically work on and be assigned to the RIVERS Project. Therefore, no personnel costs are claimed under this first reporting period.

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
Small non-durable equipment (aquariums, etc.)	-	1,152.75
Lab reagents	-	3,938.15
Total		5,090.90

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
RIVERS Kick-Off Meeting, Paris, France	17/02/2007	1,778.60
Field trips	2007-July 2008	187.30
Total		1,965.90

- Durable Equipment: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	1,411.36

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	0.00
Consumables	5,090.90
Travel	1,965.90
Durable Equipment	0.00
Indirect Costs	1,411.36
Total	8,468.16

Major deviations from cost budget and from person-month budget

No personnel costs are reported as no new personnel have been hired yet to work on and be funded under the RIVERS Project.

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

Scientific Leader: Vincent DEUBEL

Description of the work performed

Work Package 7: Impact of air and surface treatments on virus survival

The objective of our study is to assess the stability of influenza virus particles subjected to different physical and chemical conditions in a laboratory environment. Our first postulate was that, beside UV, inactivation of enveloped particles would first operate on the virus shell and not on the genome. Also, if any inactivation process would affect the genome integrity (RNA and all proteins associated with it), it would be extremely difficult to differentiate this impact from that directed to the viral envelope. Our second postulate was that inactivation of virus would be graduated and dependant on time of exposure to the inactivating agent.

Therefore, we have developed tools which would reproduce viral envelopes and which would allow easy quantification of virus replication. In order to avoid the use of infectious particles, we have engineered pseudoparticles containing H1 and N1 envelope proteins and a lentivirus defective RNA containing the reporter gene of luciferase to quantify the efficiency of pseudovirus penetration (transduction) and replication.

In parallel, we have prepared stocks of infectious H1N1 virus to compare the effects of inactivation on both enveloped particles. To quantify the efficiency of virus infection, we have developed real-time RT-PCR systems for M1, H1 and H5 genes.

Finally, we have established the protocols and bough the equipments to treat virus particles with various physical and chemical agents.

There has been some delay in the development of the study for several reasons, difficulties to find a suitable technician in virology, time to receive the ordered reagents and equipment, closure of the biosafety laboratory necessary for virus cultivation and virus stock production, setting up the pseudoparticle and real time systems. However, the tests are now being carried out and time will be caught up.

Explanatory note on cost items and justification

- Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Vincent DEUBEL	1	9,630.00
Paul ZHOU	1	3,210.00
Cheguo CAI	2	749.00
Wei WANG	4	3,103.00
Yimei ZHENG	1	428.00
Total	9	17,120.00

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
Reagents	13.06.2008	5,350.00
Other consumables	13.06.2008	2,011.60
Total		7,361.60

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
-	-	0.00
Total		0.00

- <u>Durable Equipment</u>: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total	4,896.32

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	17,120.00
Consumables	7,361.60
Travel	0.00
Durable Equipment	0.00
Indirect Costs	4,896.32
Total	29,377.92

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

Partner 6 – Centre de Coopération Internationale en Recherche Agronomique pour le Développement (FCF Cost Model)

Scientific Leader: Emmanuel ALBINA

Description of the work performed

The main activities carried out during the first 18-month 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

The key issue of the project was the development of new methods for virus concentration detection and quantification of AIV (WP1). However, within WP2 and on field samples, partner 6 has assessed the performances of four quantitative real-time PCR assays for AIV detection (type A, H5, H7, N1). Several thousands of swab samples were tested for this molecular detection of AIV and virus isolation was also achieved for all PCR-positive swabs in order to determine the PCR sensitivity. In addition, partner 6 was included in a European inter-laboratory assay to validate the tests in use. From the results, we conclude that the methods used in CIRAD are sensitive enough and reliable. A contact was made with partner 7 concerning the N1 PCR. Indeed, primers are amplifying avian and Human influenza viruses but the probe designed for AIV did not match with Human viruses. Another probe had to be designed. During this period, partner 6 has also prepared a set of calibrated, inactivated and lyophilised AIV isolates including H5 and H7 strains that will be proposed to the consortium for further validation of detection methods.

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:

- Field mission in October 2007 in Cambodia with one representative of the of the partner 8 ICM, in order to give a progress report on the availability of epidemiologic data, the activities to be set up, the role of each research team, in order to lead to a work schedule for 2008.
- Between March and July 2008: research study in Montpellier, done by a MSc student Lise Chamaillé, in order to evaluate the contribution of remote sensing in the characterisation of water properties and to identify environmental parameters, from MODIS images, on a province scale. Data from the surveillance were analysed in order to study the spatial distribution of AI outbreaks, and, in the case of a spatial heterogeneity, to identify environmental risk factors being able to explain this heterogeneity. (Article in preparation: Remote sensing and avian influenza: a review of image processing methods for extracting key parameters for avian influenza H5N1 virus survival in water. L. Chamaille, D. LoSeen, F. Goutard, N. Baghdadi, A. Tran).
- Between January and July 2008: collaboration with IP Phnom Penh in the supervision of a study done by a MSc student Anne Conan in Cambodia in order to describe the mortality of poultry in village sectors and to specify a case-definition of H5N1 in Cambodia. Then, to define and carry out statistical analysis of surveillance data in the framework of "spatio-temporal analysis of disease emergence and virus survival in rural areas of Cambodia" of the RIVERS project.
- March 2008: preparation of field measurement protocol. Physical parameters of water tested within the framework of the experimental studies should be measured in the field in various villages, this in order to evaluate whether the environmental conditions in Cambodia allow or not the survival of the virus in water. For that, series of measurements, four times in a year (maximum rain season, dry season, and intermediate moments), have to be considered.

Explanatory note on cost items and justification

- Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
D. MARTINEZ	0.9	7,797.18
E. ALBINA	1.0	6,348.30
S. HAMMOUMI	2.9	11,293.61
L. CHAMAILLE	5.0	1,990.65
F. GOUTARD	4.0	19,766.06

P. GIL	5.5	19,532.31
C.T. HO	0.6	3,791.20
Total	19.9	70,719.32

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
Transport of samples	2008	503.00
Reagents for molecular biology	2008	4,582.93
Sequencing	2008	710.60
Report printing and shipment	2008	134.03
Total		5,930.56

- Travel:

Type of travel	Date	Amount (⊕[Excl. of Tax]
F. GOUTARD	2007/2008	6,606.50
Total		6,606.50

- <u>Durable Equipment</u>: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]		
Total	16,611.28	

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	70,519.32
Consumables	5,930.56
Travel	6,606.50
Durable Equipment	0.00
Indirect Costs	16,611.28
Total	99,667.66

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

Partner 7 – Institut Pasteur de Lille (AC Cost Model)

Scientific Leader: Michèle VIALETTE

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 H5 and M genes by real-time RT-PCR have been optimised on Influenza A virus H5N1. Characterisation of the M and H5 genes detections and quantification thresholds, and repeatability/reproducibility of the real-time RT-PCR were evaluated. Three commercial RNA purification kits has been evaluated and applied on Purification of viral RNA from infectious Influenza A virus H5N1. These methods were applied to and validated on purified viral RNA from infectious Influenza A virus H5N1 and on concentrated and extracted viruses from clean or polluted waters and from solid samples, such as mud.

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 artificially contaminated surface waters (clean or dirty waters) with *Influenza* A virus type H5N1.

Task 4: Extraction procedures from solid samples (mud,biota), based on virus elution or by direct extraction method, have been evaluated on *Influenza* A virus type H1N1. Concentration and quantification methods, previously developed for *Influenza* A virus type H1N1 and H5N1, respectively, have been validated on artificially contaminated mud with *Influenza* A virus type H5N1.

Explanatory note on cost items and justification

- Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
GACHET Jessica	16	38,307.27
Total	16	38,307.27

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
PBS Dulbecco's	07/05/2007	106.67
Trypsin	09/05/2007	99.20
Penicillin streptomycin sol	16/05/2007	9.40
FBS South American	29/05/2007	450.00
Sang frais Poule	07/06/2007	82.61
QIAamp viral RNA mini kit	19/06/2007	141.03
MEM-Earles W/O	20/06/2007	32.50
Lc RNA amp kit	21/06/2007	675.10
CO2 carbopharm	30/06/2007	196.21
Flu/A/M/52/+-SYB	09/07/2007	188.35
Conservation souche bact./50T	11/07/2007	25.50
Flu/A/M/64/+prob	13/07/2007	317.00
Cart.1MDS	26/07/2007	551.76
Sang frais Poule	27/07/2007	73.97
M13_Rv	27/08/2007	144.15
A/PR/8/34 Influenza A virus	29/08/2007	560.00
Bovine serum albumin frac	03/09/2007	94.00

Glycine reagentplus	21/09/2007	21.22
MÉM-Earles W/O	04/10/2007	28.46
Sang frais Poule	11/10/2007	72.61
•		
RiboMAX	16/10/2007	524.40
Rnase away flacon 250ml	17/10/2007	125.00
SS one step RT-PCR	17/10/2007	451.24
MEM-Earles W/O	18/10/2007	32.50
Qbiotaq core kit	22/10/2007	274.00
500G extrait viande bœuf	23/10/2007	98.31
Turbo DNAfree	23/10/2007	162.00
Cristal violet oxalate		55.16
	23/10/2007	
SmartLadder 200	23/10/2007	511.90
QIAfilter plasmid maxi kit	23/10/2007	336.00
LC RNA kit hyb probes	25/10/2007	1,012.65
Polyethyleneglycol	25/10/2007	78.00
Bandelettes indicatrices de PH	07/11/2007	11.17
Penicillin streptomycin sol	15/11/2007	82.50
Polyethyleneglycol	15/11/2007	39.00
D-MEM	22/11/2007	23.20
QIAamp viral RNA mini kit	26/11/2007	152.00
Bandelettes indicatrices de PH	29/11/2007	22.35
Sang frais Poule	04/12/2007	57.61
NucleoSpin RNA Virus F	07/12/2007	196.85
SSIII 1-STEP QRT-PCR	11/12/2007	764.00
RNA ultrasense QRT-PCR	12/12/2007	397.00
QuantiTect Virus kit	20/12/2007	506.45
Extrait viande bœuf	18/01/2008	107.65
Polyethyleneglycol	22/01/2008	39.00
MEM-Earles W/O	29/01/2008	32.50
DEPC-Treated water	07/02/2008	105.00
QIAamp ultraSens virus kit	05/03/2008	286.90
Sang frais Poule	13/03/2008	57.61
Mineral oil	14/03/2008	23.87
Bandelettes indicatrices de PH	19/03/2008	23.24
Sang frais Poule	21/03/2008	115.22
Flu/A/N1/627/-prob	18/04/2008	120.00
DEPC-Treated water	28/04/2008	936.00
PBS Dulbecco's	16/05/2008	94.70
QIAamp ultraSens virus kit	16/05/2008	286.90
Agarose	19/05/2008	1,024.00
		*
Flacon Heto anti-G	19/05/2008	98.70
QIAamp viral RNA mini kit	23/05/2008	146.70
Compresse gaze	29/05/2008	36.18
SSII 1-STEP QRT PCR	10/06/2008	1,659.00
Trypsin	27/06/2008	74.50
Microplaque 96	07/05/2007	38.00
Flacon de culture 75cm2	14/05/2007	124.00
Tube à azote 2ml	16/05/2007	126.00
Falcon tube 15ml	16/05/2007	69.00
Virus sampler	04/06/2007	730.16
Microplaque 96 TC fond plat	13/06/2007	63.33
Concentrateur Vivacell	05/06/2007	131.17
Reservoir Biosart 250	15/06/2007	36.00
Pointe filtre Art	19/06/2007	148.28
Light cycler capillaries	21/06/2007	371.02
Avoir		-4.28
	18/07/2007	
Virus sampler	20/07/2007	344.53
Pleated filter cartridge	08/10/2007	404.60
Microtubes	07/11/2007	194.00
Microplaque 96 TC fond plat	21/11/2007	63.35
Virus sampler	29/11/2007	398.40
Tubes fond rond 2,5ml	03/12/2007	324.90
Pointe filtre	19/12/2007	60.00

Gant safeskin purple nitrile Réservoir à réactifs Pointe 0,1-10 µl Pointe 0,1-10 µl Pointe 0,1-10 µl Pointe 0,1-10 µl Pointe 1,1-10 µl Pointe 1,1-10 µl Pointe 1,1-10 µl Pointe 1,1-10 µl Dointe filtre 20-100-200 µl Light cycler capillaries 11/06/2008 12 Dermaclean 17/06/2008 12 Tube à azote 2ml Bidon carré 10L Vivacell 250 complet Mamelons reduits Pidon carré 10L Nowell 260 complet Rack pour cryotubes Portoir 96 tubes Portoir 96 tubes Portoir 96 tubes Appareil de filtration Sanicid 5 Lingette DNA Lingette DNA Lingette DNA Lingette DNA Location gaz Location ga
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Gant safeskin purple nitrile 22/05/2008 7 Réservoir à réactifs 29/05/2008 5 Pointe 0,1-10 µl 03/06/2008 20 Pointe 0,1-10 µl 06/06/2008 3 Light cycler capillaries 11/06/2008 45 Pointe 1-100 µl 13/06/2008 45 Dermaclean 17/06/2008 5 Flacon de culture 25/06/2008 12 Iube à azote 2ml 30/06/2007 8 Bidon carré 10L 08/06/2007 21 Mamelons reduits 07/07/2007 21 Mamelons reduits 07/07/2007 19 Bouteille à centrifuger 02/08/2007 19 Bidon carré 10L 18/09/2007 19 Adaptateur 8 canaux 31/10/2007 12 Mini cooler 08/11/2007 23 Multipette plus 23/11/2007 23 Bidon carré 10L 27/11/2007 23 Bidon carré 10L 27/11/2007 23 Bidon carré 10L 27/11/2007 24 Bidon carré 10L 27/11/2007 25 Bidon carré 10L 27/11/2007 26 Bidon carré 10L 27/11/2007 27
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Gant safeskin purple nitrile 22/05/2008 7
Pointe 1-100 μl 20/05/2008 7
Pointe 0,1-10 μl 19/05/2008 10
Plaque 96 puits 19/05/2008 8
Flacon de culture cellulaire 16/04/2008 6
Pointe art 10 20/03/2008 10
Pointe Filtre art 03/03/2008 7
Light cycler capillaries 03/03/2008 22
Combitips plus biopur 18/02/2008 18 Tube à azote 2ml 19/02/2008 18

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
Transport Paris N. Deboosere	09/02/2007	54.20
Transport Paris F. JEAN	09/02/2007	91.30
Hébergement Paris	20/02/2007	89.78
Tickets Métro	16/02/2007	2.18
Tickets Métro	26/02/2008	3.85
Transport Paris N. Deboosere	26/02/2008	56.60
Hébergement Paris + repas	26/02/2008	104.22
Transport Paris J. Gachet	25/02/2008	95.80
Transport Paris J. Gachet	26/02/2008	55.20
AVOIR	25/02/2008	-52.70
hébergement Paris + repas	26/02/2008	104.22
Transport Paris A. Pinon	25/02/2008	49.30
Transport Paris A. Pinon	26/02/2008	28.30
AVOIR	25/02/2008	-25.80
Repas Paris	30/05/2008	11.00
Transport Paris V. Alexandre	30/05/2008	110.40
Tickets Métro + repas	30/05/2008	16.74
Transport Paris N. Deboosere	30/05/2008	56.60
Repas Paris	02/06/2008	14.00
Transport Paris V. Alexandre	02/06/2008	95.80
Tickets Métro + repas	02/06/2008	18.44
Transport Paris N. Deboosere	02/06/2008	49.30
Repas réunion Rivers	23/05/2008	133.52
Total		1,162.25

- <u>Durable Equipment</u>: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]	
Total 12,739	

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	38,307.27
Consumables	24,226.45
Travel	1,162.25
Durable Equipment	0.00
Indirect Costs	12,739.19
Total	76,435.16

Major deviations from cost budget and from person-month budget

21 person-months have been required for Work Package 1 (among them 5 person-months Permanent Personnel), while 14 person-months had been forecasted.

Molecular detections of H5 and M genes by real-time RT-PCR have been optimised on Influenza A virus H5N1 by Nathalie DEBOOSERE, responsible for Virology and Molecular Biology group in the Microbiological Safety Unit, led by Michèle VIALETTE.

Jessica GACHET has been recruited in order to take in charge the development of viral concentration procedures from surface waters and from mud. Because lots of technical difficulties occurred, validations on *Influenza* A virus H5N1 had to be conducted in a high-biosesurity laboratory (biosafety level 3), developments required more time.

Anthony PINON, responsible of Mathematical Modelling approach in the Unit, has participated in this Work Package to design fractional experimental plan and to analyse results of experiments.

Due to the fact that the experiments for Work Package 1 took more time than initially planned, Work Package 8 has been delayed and will start on and after January 2009.

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 WP9, WP10 and WP11.

F. RAKOWSKI and K. WALAS participated in WP9.

Explanatory note on cost items and justification

- Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Jan RADOMSKI	14 (+ 1*)	67.280.09
* Jan RADOMSKI spent 1/3 person-month on WP9, 10 and 11 (total 1 p.m), corresponding to time spent travelling, attending meetings, etc. (Management activities). No extra personnel costs were charged.		
Franciszek RADOWSKI	5	6.578.41
Kamil WALAS	2	2.126.90
Total	22	75.985.40

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
Insurance	29.09.2007	120.07
Total		120.07

- Travel:

Type of travel	Date	Amount (⊕[Excl. of Tax]
RIVERS Kick-Off meeting. Institut Pasteur. Paris	08-13.02.2007	975.59
Meeting at CIRAD. Montpellier	20-25.03.2007	1.001.01
Meeting and Workshop at CIRAD. Montpellier	03-06.09.2007	720.49
Meeting at Institut Pasteur. Lille	22.10.2007	136.30
Meetings at Institut Pasteur. Paris	30.10.2007-08.11.2007	706.59
Meeting at Institut Pasteur. Paris	11.12.2007	241.06
RIVERS partial meeting at Institut Pasteur. Paris	25-26.02.2008	273.27
Total		4.054.31

- Durable Equipment: (if any)

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

- Indirect costs:

Indirect Costs (Overheads) [Excl. of Tax]						
Total	16.031.96					

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	75.985.40
Consumables	120.07
Travel	4.054.31
Durable Equipment	0.00
Indirect Costs	16.031.96
Total	96.191.74

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) is the reason behind deviation of personnel costs (Travel costs were calculated in Euros only for the whole duration of M1-M18. so there are no differences).

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

Scientific Leader: Ze CHEN

Description of the work performed

The research work contains 3 parts:

- 1) Sample collection and virus isolation. Water samples have been collected in two large lakes in China: Dongting Lake and Qinghai Lake. Two methods associated with influenza virus isolation from water samples have been established. with which many strains of influenza A virus of subtypes H5N1 and H9N2 have been isolated from the Dongting Lake samples. In addition, samples from poultry farms and markets have also been collected. and many H5N1 viruses have been isolated.
- 2) DNA sequencing and phylogenetic analysis of the isolates.
- 3) Pathogenicity evaluation of some isolates. Some of the H5N1 viruses have been chosen to test the pathogenicity in fowls (including ducks and chickens) and mice.

Explanatory note on cost items and justification

- Personnel funded by the project:

Name	Total Person-Months	Amount (€) [Excl. of Tax]
Jianjun CHEN	18	5.149.72
Quanjiao CHEN	18	5.149.72
Huadong WANG	18	3.433.15
Total	54	13.732.59

- Consumables:

Type of consumable	Date of invoice	Amount (⊜[Excl. of Tax]
Reagent	05.2007-08.2008	5.185.58
Consumable	06.2007-08.2008	2.615.37
Embryonated egg or animals	06.2007-08.2008	4.753.88
Sequencing or Synthesizing	08.2007-08.2008	6.245.32
Total		18.800.15

- Travel:

Type of travel	Date	Amount (⊜[Excl. of Tax]
International	2007.3-12	2.003.05
International	2008.1-7	1.380.37
National	2007.5-12	3.303.98
National	2008.1-7	2.286.98
Total		8.974.38

- Durable Equipment: (if any)

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

- Indirect costs:

Indirect Costs (Over	heads) [Excl. of Tax]
Total	8.301.42

Summary of costs

	Period P1 (M1-M18) (€) [Excl. of Tax]
Personnel	13.732.59
Consumables	18.800.15
Travel	8.974.38
Durable Equipment	0.00
Indirect Costs	8.301.42
Total	49.808.54

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

Tabular Overview of budgeted person-months and actual person-months by contractor and by Work Package (M1-M18)

Person-Month Stat	us Table																			
CONTRACT N°: SSPE-CT-2006-44-ACRONYM: RIVERS		Partner - Person-months per Permanent + non-perm												С		C Part Permai		Staff		
PERIOD: 01/02/2007-31/07/2	2008 (M1-M18)	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
Work Package 0:	Actual WP Total:	9,40	9,40									9,40	9,40							
Molecular basis of virus survival and virus strain "bioequivalence"	Planned WP Total:	12	12									-								
Work Package 1:	Actual WP Total:	23,70	1,70			1			21			7,70	1,70			1		5		
Concentration, identification and quantification of avian influenza viruses from waters, muds and aquatic animals	Planned WP Total:	22	4			4			14			-								
Work Package 2:	Actual WP Total:	79,50	1,10	0,50	3,50	2	0	6,40			66	15,60	1,10	0,50	0	2	0			12
Observation of influenza viruses in natural environments	Planned WP Total:	88	4	13	6	30	6	9			20	-								
Work Package 3:	Actual WP Total:	8			0	8						8			0	8				
Observation of influenza virus survival and concentration in experimental settings	Planned WP Total:	36			6	30						-								
Work Package 4:	Actual WP Total:	12,40	0,15	12,25								12,40	0,15	12,25						
Impact of water treatments on virus survival	Planned WP Total:	44	2	42								-								
Work Package 5:	Actual WP Total:	4,50	4,50				0					4,50	4,50				0			
Impact of air conditions on virus survival	Planned WP Total:	17	13				4					-								
Work Package 6:	Actual WP Total:	30,30	0,90	1,20	19,50	2	0	2,70			4	8,10	0,90	1,20	0	2	0			4
Persistence of viable virus in farms surroundings	Planned WP Total:	64	2	6	30	6	4	12			4	-								
Work Package 7:	Actual WP Total:	13,90	0,90				9				4	4,90	0,90				0			4
Impact of air and surface treatments on virus survival	Planned WP Total:	44	2				36				6	-								
Work Package 8:	Actual WP Total:	0,80	0,80						0			0,80	0,80					0		
Evaluation of the impact of selected parameters involved in food processing	Planned WP Total:	20	2						18			-								
Work Package 9:	Actual WP Total:	35,23	0,90			4		9		21,33		4,90	0,90			4			0	
Modelling of virus survival and concentration in natural water reservoirs and soiled surfaces	Planned WP Total:	46	2			4		4		36		-								
Work Package 10:	Actual WP Total:	0,33	0	0		0		0	0	0,33		0	0	0		0		0	0	
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	Planned WP Total:	8	3	1		1		1	1	1		-								
Work Package 11:	Actual WP Total:	13,63	8,50	0	0	1	0	1,80	0	0,33	2	11,50	8,50	0	0	1	0	0	0	2
Management of the RIVERS Project	Planned WP Total:	39	15	3	3	3	3	3	3	3	3	-								
	Actual Total:	231,69	28,85	13,95	23	18	9	19,90	21	22	76	87,80	28,85	13,95	0	18	0	5	0	22
Total Project Person-Months	Planned Total:	440	61	65	45	78	53	29	36	40	33	-	-	-	-	-	-	-	-	-

Section 2 - Form C Financial statement per activity for the contractual reporting period (M1-M18)

Partner 1 - Institut Pasteur Paris

Form C - Model of Financial Statement per Activity (to be filled by each contractor)									
	Form of model of Financial otalement per Activity (to be linearly each contractor)								
Type of instrument	Specific Targeted Project	Type of Action (if neces	ssary)						
Project Title (or Acronym)	RIVERS	Contract n°		SSPE-CT-2	2006-44405				
Contractor's Legal Name	INSTITUT PASTEUR PARIS								
Legal Type	Non-profit	-profit							
Contact Person	Mr. Dominique BLOSSIER	Mr. Dominique BLOSSIER Telephone			3 80 09				
Telecopy	+33 1 45 68 81 86	E-mail		dblossie@p	pasteur.fr				
Cost model used (AC//FC or FCF)	AC			Flat rate (up to 20% of direct costs excluding subcontracting)					
	7.0	Flat rate		20					
Period from	01/02/200	7 To		31/07/2008					
1- Resources (Third party(ies))									
Are there any resources made available	on the basis of a prior agreement with th	ird parties identified in Anne	x I of the contract? (Yes / I	Vo)	No				
If Yes, please provide the following i	nformation								
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

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)			stration 3)		ning C)	Consc	ent of the ortium D)		fic Activities E)		tal ++(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	4022,51						4022,53				8045,04	0,00
Of which subcontracting							0,00				0,00	0,00
Indirect costs	804,50						804,51				1609,01	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	4827 01	0.00	0.00	0.00	0.00	0.00	4827 04	0.00	0.00	0.00	9654.05	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.

ii a receipt is no	ra receipt is not allocated to an activity											
		Type of Activity										
	Research and Technological			stration		ning		nent of the ortium		fic Activities		
	Develo Innov	pment / /ation A)	(1	3)	(1	C)		D)	(1	≣)	(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

4- Declaration of interest generated by the pre	-financing (in €							
, ,,					1			
Did the pre-financing (advance) you received by the Commis	sion for this period earn interests? (Yes / No)			1	No			
If yes, please mention the amount (in €)								
5- Request of FP6 Financial contribution (in €								
For this period, the FP6 Community financial contribution req			9654,05					
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 certiful to the control of the contr								
What is the total cost of this(those) audit certificate(s) (in €) p	er 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 part	y(ies) (Ys) (if necessary)						
Y1: Legal name of the audit firm	Cost of the							
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 declare	ed under the activity "Management of the Cor	isortium".						
The required audit certificate(s) is(are) attached to this Finan-	cial 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)	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

esenialives.		
Contractor's Stamp	Name of the Person responsible	Name of the duly authorised
	of the work	Financial Officer
	J-C MANUGUERRA	V. GADAUD
	Date	Date
	10.09.2008	10.09.2008
	Signature	Signature
		Contractor's Stamp Name of the Person responsible of the work J-C MANUGUERRA Date 10.09.2008

Partner 2 - Institutul Cantacuzino

Form C - Model of Financial Statement per Activity (to be filled by each contractor)									
	Form C - Model of Financial State	ement per Activity (to be filled by each conti	ractor)						
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 F	Research and Development Microbiology	and Immunology						
Legal Type	Other	<u> </u>	-						
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 D costs, except subcontracting)	Flat rate (up to 20% of direct costs, excluding subcontracting)						
		Flat rate	20						
Period from	01/02/2007	То	31/07/2008						
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) If Yes, please provide the following information									
Third Party 1 (Y1) Legal Name		Cost model us	ed						
Third Party 2 (Y2) Legal Name		Cost model us	ed						
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

- 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										
	Techno Develo	ch and ological pment / vation		stration 3)		ning C)	Management of the Consortium (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	35770,37										35770,37	0,00
Of which subcontracting	0,00										0,00	0,00
Indirect costs	7154,07										7154,07	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	42924,44	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	42924,44	0,00

3- Declaration of receipts (in 4)
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		Demon	stration	Trai	ning	Managem	nent of the	Other Speci	fic Activities	To	tal
	Technological		(В)	(C)		Consortium		(E)		(F) = (A)+(B)	+(C)+(D)+(E)
	Development /						(D)					
	Innov	/ation										
	(/	A)										
	or	s)	, jo	(s	or	s)	or	s)	Į.	s)	or	s)
	Contracto	Third arty(ie	ntracto	Third arty(ie:	Contractor	ird y(ie	Contractor	ë ë	Contractor	je ir	Contractor	nird 3y(ie
	ntr	E 5	혈	토호	ntr	Thi	ntr	Thir arty(i	별	rt H	ntr	arty
	ပိ	2.	ပိ	Ľ.	ဝိ	P.	တ	2	ပိ	å	ပိ	2
Total receipts											0,00	0,00

4- Declaration of interest generated by the pre-financing (in €	<u>)</u>						
To be completed only by the coordinator.							
Did the pre-financing (advance) you received by the Commission for this period ea	arn 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 (an	mount in €)	42924,44					
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	r 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 audit	tor(s) ?						
Audit	t certificate of the contractor (X)						
Legal name of the audit firm	Cost of the certificate	·					
	e(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 $(Z) = (X) + (Ys)$	0,0					
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? Nο 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) Yes - Conversion rate of the Date of incurred actual costs? - Conversion rate of the first day of the first month following the period covered by this Financial Statement? No

8- Contractor's Certificate

- 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 enresentatives

roprodontativoo.							
Contractor's	Stamp	Name of the Person responsible of the work	Name of the duly authorised Financial Officer				
		Radu Dorel Lucian	Parvu Violeta				
		Date	Date				
		29/08/2008	29/08/20				
		Signature	Signature				

Partner 3 - The Stephan Angeloff Institute of Microbiology

Form C - Model of Financial Statement per Activity (to be filled by each contractor)								
		7,	,					
Type of instrument	Specific Targeted Project	Type of Action (if neces	sary)					
Project Title (or Acronym)	RIVERS	Contract n°		SSPE-CT-20	006-44405			
Contractor's Legal Name	The Stephan Angeloff Institute of M	licrobiology						
Legal Type	Non-profit							
Contact Person	Prof. Angel S. Galabov	Telephone		+359 2 870 (0108; +359 888287103			
Telecopy	+359 2 870 0109	E-mail		galabov@mi	icrobio.bas.bg			
Cost model used		Indirect costs(Real or Flat Rate of 20% of Direct						
(AC//FC or FCF)		costs, except subcontraction	ng)	Flat rate (up to 20% of direct costs,				
	AC			excluding subcontracting)				
		Flat rate		20				
Period from	01/02/2007	То		31/07/2008				
	-							
1- Resources (Third party(ies))				_				
Are there any resources made available of	· ·	rd parties identified in Anne.	x I of the contract? (Yes / I	Vo)	No			
If Yes, please provide the following inf	ormation							
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 負 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

- 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)		Demon (E		Traii (C	ning	Managem	ent of the ortium D)	Other Specif		To (F) = (A)+(B)	tal ++(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	54429,00						0,00				54429,00	0,00
Of which subcontracting	0,00						0,00				0,00	0,00
Indirect costs	10885,80						0,00				10885,80	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	65314,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	65314,80	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										
	Research and		Demon	stration	Trai	ning	Managem	ent of the	Other Speci	fic Activities	То	tal
	Technological		(1	3)	(0	C)	Cons	ortium	(1	E)	(F) = (A) + (B)	+(C)+(D)+(E)
	Development /				(3)		(D)					
	Innovation											
	(A)											
	:or	s)	ior	s)	:or	s)	ior	(s	ior	s)	or	s)
	ontract	ird (ie	ntractor	Third Party(ie:	Contractor	nird y(ie	Contractor	hird ty(ie	Contractor	ird (ies)	Contractor	Third rty(ie
	ntr	Thir arty(ntr	Th	ntr	Th	ntr	T S	intr	T.	ntr	Thi arty
	၀၁	P	ပိ	P¿	၀၁	Ŗ	၀၁	P	ပိ	Ę,	ပိ	ď
Total receipts											0,00	0,00

·						
4- Declaration of interest generated by the To be completed only by the coordinator.	he pre-financing (in €					
Did the pre-financing (advance) you received by the	Commission for this period ear	rn interests? (Ves / No)				No
If yes, please mention the amount (in €)	John Hission for this period ear	Timeresis: (Tes / NO)				INO
if yes, please mention the amount (in e)					-	
5- Request of FP6 Financial contribution	ı (in €					
For this period, the FP6 Community financial contribu		nount in €)				65314,80
6- Audit certificates		-		-	-	-
According to the contract, does this Financial Statem	ent need an audit certificate (c	or several in case of Third	party(ies)) delivered by independent a	uditor(s)? (Yes / No)		
				,,,,	No	
If Yes, does this(those) audit certificate(s) cover only	this Financial Statement per A	Activity? (Yes / No)				
If No, what is the periodicity covered by this(those) a	udit certificate(s)?		From – To			
What is the total cost of this(those) audit certificate(s) (in €) per independent audito	or(s) ?				
	Audit	certificate of the co	ontractor (X)			
Legal name of the audit firm		Cost of the co	ertificate			
	Audit certificate(s	s) of the third party	(ies) (Ys) (if necessary)			
Y1: Legal name of the audit firm		Cost of the co	ertificate			
Y2: Legal name of the audit firm		Cost of the co				
Y3: Legal name of the audit firm		Cost of the co				
Y4: Legal name of the audit firm		Cost of the co	ertificate			
		Total (Z) = (X)	+ (Ys)			0,00
Reminders:						
The cost of an audit certificate is included in the cost		Management of the Conso	ortium".			
The required audit certificate(s) is(are) attached to the	s 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

Contractor's Stamp	Name of the Person responsible	Name of the duly authorised			
	of the work	Financial Officer			
	Angel S. GALABOV	Mrs. Pavlinka Nikolova Angelova			
	Date	Date			
	10/09/2008	10/09/2008			
	Signature	Signature			

Partner 4 - Institut Pasteur du Cambodge

	- 0 M 11 (F) 110()							
	Form C - Model of Financial State	ement per Activity (to be	filled by each contractor)					
Type of instrument	Specific Targeted Project	Type of Action (if neces	ssary)					
Project Title (or Acronym)	RIVERS	Contract n°	•	SSPE-CT-2006-44405				
Contractor's Legal Name	INSTITUT PASTEUR DU CAMBOI	TUT PASTEUR DU CAMBODGE						
Legal Type	Non-profit	-profit						
Contact Person	Dousset Jean-Paul	Telephone		855 128029	177			
Telecopy	85523725606	E-mail		dousset@pa	asteur-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	01/02/2007	То		31/07/2008				
	ble on the basis of a prior agreement with thi	rd parties identified in Anne	x I of the contract? (Yes / I	No)	No			
If Yes, please provide the following	g 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

- 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)			stration 3)		ning C)	Consc	nent of the ortium D)	Other Specif		To (F) = (A)+(B)	tal +(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	7056,80						0,00				7056,80	0,00
Of which subcontracting	0,00						0,00				0,00	0,00
Indirect costs	1411,36						0,00				1411,36	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	8468,16	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	8468,16	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		Demon	stration	Training		Management of the		Other Specific Activities		Total	
	Technological Development /		((B)		(C)		Consortium		(E)		+(C)+(D)+(E)
								(D)		·		
	Innovation											
	(/	A)										
	or	s)	or	s)	or	s)	or	s)	o	s)	or	s)
	Contracto	Third arty(ie	ntracto	Third arty(ie:	Contractor	ird y(ie	Contractor	ir d	Contractor	ird (ie	Contractor	nird 3y(ie
	ntr	는 X	i ii	는 A	ntr	Th Irty	ntr	Thir arty(i	i i	t ş	ntr	arty
	၀၁	Ps	Col	Ę,	၀၁	Pz	၀၁	ä	ပိ	å	ပိ	ñ.
Total receipts											0,00	0,00

4- Declaration of interest generated by the pre-financing (in € To be completed only by the coordinator.	<u>a</u>				
Did the pre-financing (advance) you received by the Commission for this period e	earn interests? (Yes / No)				No
If yes, please mention the amount (in €)	anninerodo: (1007110)				INC
ir yes, please menuon trie amount (in e)					
5- Request of FP6 Financial contribution (in €)					
For this period, the FP6 Community financial contribution requested is equal to (a	amount in €)				8468,16
	,				,
6- Audit certificates					
According to the contract, does this Financial Statement need an audit certificate	(or several in case of Third p	arty(ies)) delivered by independent audit	or(s)? (Yes / No)	No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement pe	er 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 audi	itor(s) ?				
Aud	it certificate of the con	tractor (X)			
Legal name of the audit firm	Cost of the cert	tificate			
Audit certificate	e(s) of the third party(id	es) (Ys) (if necessary)			
Y1: Legal name of the audit firm	Cost of the cert	tificate			
Y2: Legal name of the audit firm	Cost of the cert	tificate			
Y3: Legal name of the audit firm	Cost of the cert	tificate			
Y4: Legal name of the audit firm	Cost of the cert	tificate			
	Total (Z) = (X) +	· (Ys)			0,00
Reminders: The cost of an audit certificate is included in the costs declared under the activity The covained audit certificate(s) is (are) attached to this Eigensial Statement.	"Management of the Consor	tium".			

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.	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

Contractor's Stamp	Name of the Person responsible	Name of the duly authorised			
	of the work	Financial Officer			
	Philippe BUCHY	Jean-Paul DOUSSET			
	Date	Date			
	03/09/2008	03/09/2008			
	Signature	Signature			

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

	Form C - Model of Financia	al 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. Vincent Deubel	Telephone	Telephone					
Telecopy	+86 21 63 84 35 71	E-mail	E-mail					
Cost model used (AC//FC or FCF)	AC	Indirect costs(Real or Flat Rate of costs, except subcontracting)	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	01/0	2/2007 To		31/07/2008				
1- Resources (Third party(ies))								
	· ·	with third parties identified in Annex I of the	contract? (Yes /	No)	No			
If Yes, please provide the following	ng information							
Third Party 1 (Y1) Legal Name			nodel used					
Third Party 2 (Y2) Legal Name			nodel used					
Third Party 3 (Y3) Legal Name			nodel used					
Third Party 4 (Y4) Legal Name		Cost n	nodel 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

- 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)		and Demonstration Training gical (B) (C)		Consc	ent of the ortium D)	Other Specific Activities Total (E) (F) = (A)+(B)+(C					
	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	24481,60						0,00				24481,60	0,00
Of which subcontracting							0,00				0,00	0,00
Indirect costs	4896,32						0,00				4896,32	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	29377,92	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	29377,92	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											
	Resear	ch and	Demon	stration	tion Training		Management of the Other Specif		fic Activities	То	tal		
	Technological Development /		(1	(B)		(C) Cons		Consortium (E		E)	(F) = (A) + (B)	(F) = (A)+(B)+(C)+(D)+(E)	
							(D)						
	Innovation												
	(A)												
	ior	s)	ior	s)	ior	s)	ior	s)	ior	s)	or	s)	
	ontracto	ird (ie	ntractor	Third arty(ie:	Contractor	ird y(ie	Contractor	je iš	ontractor	ird y(ie	Contractor	y(ie	
	ntr	Thir arty(i	ntr	는 A	ntr	Th Irty	ntr	Thir arty(ıtı	T, T	ntr	art,	
	ပိ	Pz	၀၁	Ę,	၀၁	Pz	၀၁	ä	ပိ	P	ပိ	<u>a</u>	
Total receipts											0,00	0,00	

4- Declaration of interest generated by the pre-financing (in € To be completed only by the coordinator.	<u>9</u>				
Did the pre-financing (advance) you received by the Commission for this period e	earn interests? (Yes / No)				No
If yes, please mention the amount (in €)	anninerodo: (10071.0)				INC
ir yes, please menuon trie amount (in e)					
5- Request of FP6 Financial contribution (in €					
For this period, the FP6 Community financial contribution requested is equal to (a	amount in €)		-		29377,92
					200: . ,
6- Audit certificates					
According to the contract, does this Financial Statement need an audit certificate	(or several in case of Third p	party(ies)) delivered by independent audi	tor(s)? (Yes / No)	No	
If Yes, does this(those) audit certificate(s) cover only this Financial Statement pe	er Activity? (Yes / No.)			INO	
If No, what is the periodicity covered by this(those) audit certificate(s)?	1710avity: (1007.1.0)	From – To			
What is the total cost of this(those) audit certificate(s) (in €) per independent aud	litor(e) 2	110111 10			
	it certificate of the con	tractor (X)			
Legal name of the audit firm	Cost of the cer				
	e(s) of the third party(i				
Y1: Legal name of the audit firm	Cost of the cer				
Y2: Legal name of the audit firm	Cost of the cer				
Y3: Legal name of the audit firm	Cost of the cer				
Y4: Legal name of the audit firm	Cost of the cer	tificate			
	Total (Z) = (X) +	- (Ys)			0,00
Reminders: The cost of an audit certificate is included in the costs declared under the activity. The country audit certificate(s) is (are) attached to this Eigensial Statement.	"Management of the Consor	tium".			

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						

- B- 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

Contractor's Stamp	Name of the Person responsible	Name of the duly authorised			
	of the work	Financial Officer			
	Prof. Vincent DEUBEL	Mr. Irénée ROBIN			
	Date	Date			
	11/09/2008	11/09/2008			
	Signature	Signature			

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

	Form C - Model of Financial Stat	ement per Activity (to be	filled by each contractor)					
Type of instrument	Specific Targeted Project	Type of Action (if neces	ssary)					
Project Title (or Acronym)	RIVERS	Contract n°	,	SSPE-CT-2006-44405				
Contractor's Legal Name	Centre International en Recherche	ntre International en Recherche Agronomique pour le Développement						
Legal Type	Non-profit	n-profit						
Contact Person	Jean-Christophe Glaszmann	Telephone		00 33 (0)4 6	67 61 59 22			
Telecopy	00 33 (0)4 67 61 56 59	E-mail		jean-christo	phe.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	01/02/200	7 То		31/07/2008				
-	ole on the basis of a prior agreement with th	ird parties identified in Anne	x I of the contract? (Yes / I	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 負 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

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 Training (B) (C)		Consc	ent of the ortium D)	Other Speci	fic 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)
Direct costs	71467,99						11588,39				83056,38	0,00
Of which subcontracting											0,00	0,00
Indirect costs	14293,60						2317,68				16611,28	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	85761,59	0,00	0,00	0,00	0,00	0,00	13906,07	0,00	0,00	0,00	99667,66	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											
	Resear	ch and	Demon	stration	tion Training		Management of the Other Specif		fic Activities	То	tal		
	Technological Development /		(1	(B)		(C) Cons		Consortium (E		E)	(F) = (A) + (B)	(F) = (A)+(B)+(C)+(D)+(E)	
							(D)						
	Innovation												
	(A)												
	ior	s)	ior	s)	ior	s)	ior	s)	ior	s)	or	s)	
	ontracto	ird (ie	ntractor	Third arty(ie:	Contractor	ird y(ie	Contractor	je iš	ontractor	ird y(ie	Contractor	y(ie	
	ntr	Thir arty(i	ntr	는 A	ntr	Th Irty	ntr	Thir arty(ıtı	T, T	ntr	art,	
	ပိ	Pz	၀၁	Ę,	၀၁	Pz	၀၁	ä	ပိ	P	ပိ	2	
Total receipts											0,00	0,00	

4- Declaration of interest generate	d by the pre-financing (in €)				
To be completed only by the coordin	ator.				
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 contri	bution (in €				
For this period, the FP6 Community financial	contribution requested is equal to (amount in €)				56786,86
6- Audit certificates					
According to the contract, does this Financial	(s)? (Yes / No)				
		No			
If Yes, does this(those) audit certificate(s) con	ver only this Financial Statement per Activity? (Yes / No)				
If No, what is the periodicity covered by this(the	nose) audit certificate(s)?	From – To			
What is the total cost of this(those) audit certiful	ficate(s) (in €) per independent auditor(s) ?				
	Audit certificate of the c	ontractor (X)			
Legal name of the audit firm	Cost of the				
	Audit certificate(s) of the third part				
Y1: Legal name of the audit firm	Cost of the				
Y2: Legal name of the audit firm	Cost of the				
Y3: Legal name of the audit firm	Cost of the				
Y4: Legal name of the audit firm	Cost of the	ertificate			
	Total (Z) = (Z)	() + (Ys)			0,00
Reminders:					
	the costs declared under the activity "Management of the Con-	sortium".			
The required audit certificate(s) is(are) attach	ed 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

Contractor's Stamp	Name of the Person responsible	Name of the duly authorised			
	of the work	Financial Officer			
	Dr. Dominique MARTINEZ	Jean-Marc DEBOIN			
	Date	Date			
	21/10/2008	21/10/2008			
	Signature	Signature			

Partner 7 - Institut Pasteur de Lille

	Form C - Model of Financial State	ement per Activity (to be	filled by each contractor)		
Type of instrument	Specific Targeted Project	Type of Action (if neces	sary)		
Project Title (or Acronym)	RIVERS	Contract n°		SSPE-CT-20	006-44405
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.viale	ette@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	O/
Period from	01/02/2007	То			31/07/2008
1- Resources (Third party(ies))		-		-	
Are there any resources made available of		rd parties identified in Anne.	x I of the contract? (Yes / I	Vo)	No
If Yes, please provide the following inf	ormation				
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 4)
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

- 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 Demonstration Technological (B) Development / Innovation (A)		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	63695,97										63695,97	0,00
Of which subcontracting	0,00										0,00	0,00
Indirect costs	12739,19										12739,19	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	76435,16	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	76435,16	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						
	Resear	ch and	Demon	Demonstration Training		Management of the		Other Speci	fic Activities	Total			
	Technological		(B)		(0	(C)		Consortium		(E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Development /						(D)				ı ı		
	Innovation												
	(A)												
	ior	s)	ior	s)	ior	s)	ior	s)	ior	s)	or	s)	
	ontracto	ird (ie	ntractor	Third arty(ie:	Contractor	ird y(ie	Contractor	je iš	ontractor	ird y(ie	Contractor	y(ie	
	ntr	Thir arty(i	ntr	는 A	ntr	Th Irty	ntr	Thir arty(ıtı	T, T	ntr	art,	
	ပိ	Pz	၀၁	Ę,	၀၁	Pz	၀၁	ä	ပိ	P	ပိ	2	
Total receipts											0,00	0,00	

4- Declaration of interest generated by the pre-financing (<u>in €</u>	
To be completed only by the coordinator.		
Did the pre-financing (advance) you received by the Commission for this peri	iod 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 €)	76435,16
6- Audit certificates		
According to the contract, does this Financial Statement need an audit certification	icate (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	nt 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	·
	cate(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 act	tivity "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 - 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 - 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
- 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	Name of the duly authorised			
	of the work	Financial Officer			
	Michèle VIALETTE	Olivier BARON			
	Date	Date			
	09/09/2008	08/09/2008			
	Signature	Signature			

Partner 8 - Interdisciplinary Centre for Mathematical and Computational Modelling

	Form C - Model of Finance	ial Statement per Activity (to be filled by e	ch 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 55 40 800			
Telecopy	+48 22 55 40 801	E-mail	j.radomski@icm.edu.pl			
Cost model used (AC//FC or FCF)	AC	Indirect costs(Real or Flat Rate of costs, except subcontracting)		Flat rate (up to 20% of direct costs, excluding subcontracting)		
	,	Flat rate	20			
Period from	01	/02/2007 To	31/0	31/07/2008		
1- Resources (Third party(ies	s))					
		nt with third parties identified in Annex I of the	ontract? (Yes / No) No			
If Yes, please provide the follow	wing information	·	, , , , , , , , , , , , , , , , , , ,			
Third Party 1 (Y1) Legal Name		Cost m	odel used			
Third Party 2 (Y2) Legal Name		Cost m	odel used			
Third Party 3 (Y3) Legal Name		Cost m	odel used			
Third Party 4 (Y4) Legal Name		Cost m	odel 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

- 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 Demonstration Technological (B) Development / Innovation (A)			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	76105,47						4054,31				80159,78	0,00
Of which subcontracting							0,00				0,00	0,00
Indirect costs	15221,09						810,86				16031,96	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	91326,56	0,00	0,00	0,00	0,00	0,00	4865,17	0,00	0,00	0,00	96191,74	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						
	Resear	ch and	Demon	Demonstration Training			Management of the		Other Speci	fic Activities	Total		
	Technological		(1	(B)		(C)		Consortium		(E)		(F) = (A)+(B)+(C)+(D)+(E)	
	Development /						(D)						
	Innovation												
	(A)												
	ior	s)	ior	s)	ior	s)	ior	s)	ior	s)	:or	s)	
	act	id (ie	ntractor	ird (ie	act	ird y(ie	act	nird y(ie	act	nird y(ies)	act	Third rty(ie	
	ntra	Thir arty(ig.	Third arty(ie:	Contractor	Th	Contracto	토호	Contractor	T.	ontractor	arty	
	ပိ	P	ပိ	Å	၀၁	P _k	တ	g.	ပိ	P	၀၁	ă	
Total receipts											0,00	0,00	

4- Declaration of interest generated by the pre-financial To be completed only by the coordinator.	ng (in €	
Did the pre-financing (advance) you received by the Commission for this	s period earn interests? (Ves / No)	No
	s period earn interests: (1657 NO)	1140
If yes, please mention the amount (in €)		
5- Request of FP6 Financial contribution (in €		
	1, (, , , , , , , , , , , , , , , , , ,	00404.74
For this period, the FP6 Community financial contribution requested is e	qual to (amount in €)	96191,74
Fa		
6- Audit certificates		
According to the contract, does this Financial Statement need an audit of	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 State	ement 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 indepen	dent auditor(s) ?	
	Audit certificate of the contractor (X)	
Legal name of the audit firm	Cost of the certificate	
Audit ce	rtificate(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 th	ne activity "Management of the Consortium".	
The required audit cortificato(s) is (are) attached to this Financial Statem	uent .	

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?								
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

Contractor's Stamp	Name of the Person responsible	Name of the duly authorised			
	of the work	Financial Officer			
	Jan RADOMSKI	Aleksandra MAJCHRZAK			
	Date	Date			
	05/09/2008	08/09/2008			
	Signature	Signature			

Partner 9 - Wuhan Institute of Virology

Form C - Model of Financial Statement per Activity (to be filled by each contractor)											
	Form C - Model of Financial State	ment per Activity (to be	filled by each contractor)								
Type of instrument	Specific Targeted Project	Type of Action (if neces	sary)								
Project Title (or Acronym)	RIVERS	Contract n°	•	SSPE-CT-2006-44405							
Contractor's Legal Name	Wuhan Institute of Virology, Chinese	e Academy of Sciences									
Legal Type	Non-Commercial	n-Commercial									
Contact Person	Ze Chen	Chen Telephone									
Telecopy	+86-27-87198167	E-mail	chenze200	<u>5@263.net</u>							
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	01/02/2007	То		31/07/2008							
1- Resources (Third party(ies))				-							
Are there any resources made available of	n the basis of a prior agreement with thir	d parties identified in Anne	x I of the contract? (Yes / I	Vo)	No						
If Yes, please provide the following info	ormation										
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 負 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

- 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 Demonstration Technological (B) Development / Innovation (A)		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	41507,12						0,00				41507,12	0,00
Of which subcontracting											0,00	0,00
Indirect costs	8301,42						0,00				8301,42	0,00
Adjustments to previous period(s)											0,00	0,00
Total costs	49808,54	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	49808,54	0,00

3- Declaration of receipts (in 4)
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														
	Resear	ch and	Demon	stration	Trai	ning	Managem	nent of the	Other Speci	fic Activities	Total				
	Technological		(B)		(C)		Consortium		(1	E)	(F) = (A)+(B)+(C)+(D)+(E)				
	Development /						(1	D)							
	Innovation														
	(A)														
	ior	s)	ior	s)	ior	s)	ior	s)	ior	s)	or	s)			
	ontracto	ird (ie	ntractor	Third arty(ie:	Contractor	ird y(ie	Contractor	je iš	ontractor	ird y(ie	Contractor	y(ie			
	ntr	Thir arty(i	ntr	는 A	ntr	Th Irty	ntr	Thir arty(ıtı	T, T	ntr	art,			
	ပိ	Pz	၀၁	Ę,	၀၁	Pz	၀၁	ä	ပိ	P	ပိ	<u>a</u>			
Total receipts											0,00	0,00			

4- Declaration of interest generated by the pre-finar	ncing (in €		
To be completed only by the coordinator.			
Did the pre-financing (advance) you received by the Commission for		No	
If yes, please mention the amount (in €)			
5- Request of FP6 Financial contribution (in €)			
For this period, the FP6 Community financial contribution requested		49808,54	
6- Audit certificates			
According to the contract, does this Financial Statement need an au	udit 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 S	Statement per Activity? (Yes / No)		
If No, what is the periodicity covered by this(those) audit certificate(s			
What is the total cost of this(those) audit certificate(s) (in €) per inde	pendent auditor(s) ?		
	Audit certificate of the contractor (X)		
Legal name of the audit firm	Cost of the certificate		·
	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 Cost of the certificate		
Y3: Legal name of the audit firm			
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	er the activity "Management of the Consortium".		
The required audit certificate(s) is(are) attached to this Financial Sta	stement.		

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

Contractor's Stamp	Name of the Person responsible	Name of the duly authorised
	of the work	Financial Officer
	Rongge YANG	Zhiyou WANG
	Date	Date
	01/09/2008	01/09/2008
	Signature	Signature

Section 3 – Summary Financial Report

								Summa	ry Financ	ial Repor	t																			
Type of I	nstrument	STReP	Project Title (or A	Acronvm)					RIV	ERS					Contr	act N°	SSPE	-CT-2006-4	14405											
	Reporting period number		1	From (dd/	mm/yyyy)			01/02/2007			To (dd/r	nm/yyyy)			31/07/2008			Page	1/1											
				Type of activities Research and Techno- Research and Techno- Management of the Company Total eligible costs				Type of activities																						
Contractor n°	Organisation Short Name	Cost Eligible costs	Research a logical Dev Innovat	elopment /		stration B)	Traii (C			ortium	Other Specif (E		Total eligible costs (F)=(A)+(B)+(C)+(D)+(E)		Receipts		EC contribution													
		used		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)	Maximum	Requested											
			Direct eligible costs	4 022,51	0,00	0,00	0,00	0,00	0,00	4 022,53	0,00	0,00	0,00	8 045,04	0,00															
			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															
1	INSTITUT PASTEUR	AC	Indirect eligible costs	804,50	0,00	0,00	0,00	0,00	0,00	804,51	0,00	0,00	0,00	1 609,01	0,00	0,00	0,00	9 654,05	9 654,05											
	PARIS		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	4 827,01	0,00	0,00	0,00	0,00	0,00	4 827,04	0,00	0,00	0,00	9 654,05	0,00															
	"Cantacuzino		Direct eligible costs	35 770,37	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	35 770,37	0,00															
	" National Institute of		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															
2	Research and Development	AC	Indirect eligible costs	7 154,07	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	7 154,07	0,00	0,00	0,00	42 924,44	42 924,44											
	Microbiology and			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														
	Immunology		Total eligible costs	42 924,44	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	42 924,44	0,00															
			Direct eligible costs	54 429,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	54 429,00	0,00															
	The Stephan		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															
3	Angeloff Institute of	AC	Indirect eligible costs	10 885,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	10 885,80	0,00	0,00	0,00	65 314,80	65 314,80											
	Microbiology		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	65 314,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	65 314,80	0,00															
			Direct eligible costs	7 056,80	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	7 056,80	0,00															
	INSTITUT		AC	AC	DU AC		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											
4	PASTEUR DU								AC	AC		DU AC		Indirect eligible costs	1 411,36	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1 411,36	0,00	0,00	0,00	8 468,16	8 468,16
	CAMBODGE												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	8 468,16	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	8 468,16	0,00															
	SHANGHAI INSTITUTES		Direct eligible costs	24 481,60	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	24 481,60	0,00															
	OF BIOLOGICAL		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															
5	SCIENCES,	AC	Indirect eligible costs	4 896,32	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4 896,32	0,00	0,00	0,00	29 377,92	29 377,92											
	CHINESE ACADEMY		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															
	OF SCIENCES		Total eligible costs	29 377,92	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	29 377,92	0,00															
	Centre		Direct eligible costs	71 467,99	0,00	0,00	0,00	0,00	0,00	11 588,39	0,00	0,00	0,00	83 056,38	0,00															
	International en Recherche		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															
6	Agronomique	FCF	Indirect eligible costs	14 293,60	0,00	0,00	0,00	0,00	0,00	2 317,68	0,00	0,00	0,00	16 611,28	0,00	0,00	0,00	56 786,86	56 786,86											
	pour le Développeme		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															
	nt		Total eligible costs	85 761,59	0,00	0,00	0,00	0,00	0,00	13 906,07	0,00	0,00	0,00	99 667,66	0,00															

			Direct eligible costs	63 695,97	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	63 695,97	0,00											
			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											
7	INSTITUT PASTEUR DE	AC	Indirect eligible costs	12 739,19	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	12 739,19	0,00	0,00	0,00	76 435,16	76 435,16							
	LILLE		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	76 435,16	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	76 435,16	0,00											
			Direct eligible costs	76 105,47	0,00	0,00	0,00	0,00	0,00	4 054,31	0,00	0,00	0,00	80 159,78	0,00											
			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											
8	WARSAW UNIVERSITY	AC	Indirect eligible costs	15 221,09	0,00	0,00	0,00	0,00	0,00	810,86	0,00	0,00	0,00	16 031,96	0,00	0,00	0,00	96 191,74	96 191,74							
	CHIVERON		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	91 326,56	0,00	0,00	0,00	0,00	0,00	4 865,17	0,00	0,00	0,00	96 191,74	0,00											
			Direct eligible costs	41 507,12	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	41 507,12	0,00											
	Wuhan Institute of		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											
9	Virology, Chinese	AC	Indirect eligible costs	8 301,42	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	8 301,42	0,00	0,00	0,00	49 808,54	49 808,54							
	Academy of Sciences		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	ĺ				.						
	Colonicos									Total eligible costs	49 808,54	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	49 808,54	0,00				
Total eligib	Total eligible costs				0,00	0,00	0,00	0,00	0,00	23 598,28		0,00	0,00	477 842,47	0,00		0,00	434 961,67	434 961,67							
454 244,19 0,00 0,00 23 598,28 0,00									477 842,47		0,00															
										0,00		434 961,67														
Amount of	Amount of the financial interests generated by the prefinancing													_	3 565,32											
Requeste	ed EC contrib	ution fo	r the reporting perio	d (in €)										4	34 961,67											