

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



Study medicine:	Not applicable
Sponsor of the study:	Pfizer Inc.
Research organisation:	Pfizer Clinical Research Unit (PCRU), Route de Lennik 808, 1070 Brussels
Medical Ethics Committee:	Comité d’Ethique Hospitalo-Facultaire Erasme-ULB.
Principal Investigator:	Dr. Laure Mendes da Costa
Emergency contact:	0800 30 019/ +32(0) 2 556 70 03

Table of Contents

I. INFORMATION VITAL TO YOUR DECISION TO TAKE PART TO THE STUDY	3
Introduction.....	3
If you take part in this methodology study, you should be aware that:	3
Objectives and description of the study protocol	4
Course of the study	4
Contraception, pregnancy and breast-feeding.....	5
Risks associated with the evaluation procedures specific to the study	6
Benefits.....	6
Withdrawal from the study.....	6
Samples of biological material collected during the study	7
If you take part in this study, we ask you:	7
Contact	7
II. SUPPLEMENTARY INFORMATION.....	8
Restrictions.....	8
Exclusions	8
Supplementary information on the risks associated with participation in the study	9
Specific features of the study	9
Glossary	10
Additional information on protecting participants and their rights in each research study.....	11
Assistance or advice.....	11
Participant rights.....	11
Compensation and insurance.....	12
Protection of your personal data	12
Monitoring of non-participation in other clinical studies	13
PARTICIPANT AGREEMENT AND CONSENT FORM.....	15
SIGNATURES:.....	16
In agreement, the participant:	16
Person Obtaining Consent:.....	16

Consent for Participant Who Cannot Read: 17

SUPPLEMENT RELATED TO PERSONAL DATA PROTECTION..... 18

A. What personal data may we collect about you during this study? 19

B. Who will use my personal data, how will they use it, and where will it be stored? 19

C. What happens to my personal data that is sent outside the study site? 20

D. How are my biological samples and images handled?..... 21

E. Can my personal data be used for other research?..... 21

F. How will my personal data be protected when transferred from the study site to the Sponsor?
..... 22

G. What are my data protection rights? Whom may I contact about these rights or any concerns
or complaints? 23

H. What happens if I do not wish to continue with the study? 23

I. Information vital to your decision to take part to the study

Introduction

You are being invited to take part in a methodology study to collect samples that will be used to research new safety biomarkers for application in drug development.

You will not personally derive any benefit from your participation in this study, but the results obtained could be very important for the development of medicines and treatments which will benefit other people.

Before you agree to take part in this study, we invite you to take note of its implications in terms of organisation and possible risks, to allow you to take a decision with full awareness of all the implications. This is called giving an “informed consent”.

Please read these few pages of information carefully and ask any questions you want to the investigator or his/her representative. There are 3 parts to this document:

- the information essential to your decision,
- your written informed consent and
- supplementary information (appendices) detailing certain aspects of the basic information.

If you take part in this methodology study, you should be aware that:

- This methodology study is being conducted after having been reviewed by one Ethics Committee.
- Your participation is voluntary and must remain free from any coercion. It requires the signature of a document expressing your consent. Even after having signed that document, you can stop participating in the study at any time by informing the investigator of your decision.
- The data collected in the scope of the study are confidential and shall be processed in conformity with the General Data Protection Regulation and the Belgian law of 30 July 2018 relating to the protection of natural persons with regards to the processing of their personal data. Your anonymity is guaranteed during publication of the results.
- Insurance has been taken out in case you should suffer any damage in connection with your participation in this methodology study.
- You may contact the investigator or a member of his/her team at any time should you need any additional information.
- If you have expressed a specific consent for this, your family doctor will be informed of your participation in this study. He/She will also be informed when the study is complete.

Further information about the “Participant Rights” can be found in appendix (page 11).

Objectives and description of the study protocol

We are inviting you to take part in a methodology study which does not involve any treatment with medicinal product. The study will include around 120 participants from 3 different age groups (18 – 40, 41 – 64 and 65 – 80) of approximately 40 participants (approximately 20 women and 20 men) each.

The purpose of this methodology study is to collect blood and urine samples from a large population of healthy participants to enable the development and validation of new safety biomarkers for application in drug development (better diagnosis and management of acute and chronic diseases), through collaboration with the TransBioLine Consortium.

This Consortium focuses on the development of biomarkers of drug-induced injury to liver, kidney, pancreas, blood vessels, and the brain, using urine and blood samples as a minimal-invasive alternative to a surgical biopsy.

The TransBioLine project aims to study these biomarkers and make the data from this study available to academic centers and private scientific-related institutions to aid further research.

We are working with a central biobank at Charité Hospital Berlin. This biobank stores human biological materials such as blood, urine or tissues linked to selected medical information. The human biological materials and supporting data collected for this study will be made accessible for medical research in an effort to improve the prevention, diagnosis and treatment of human diseases.

Course of the study

The study is planned to last for approximately 8 weeks.

Several examinations or procedures will be required in connection with the study:

- A screening examination
- 3 ambulatory visits separated by an interval of approximately 14 days.

1. SCREENING EXAMINATION

Before being allowed to take part in the study, you will undergo a complete medical examination, specifically an ECG as well as a blood pressure, heart rate and oral temperature measurements. Blood and urine samples (**for which you must have been fasting for at least 4 hours**) will be taken for laboratory tests and to screen for drugs. You will nevertheless be allowed to drink water.

A hormone test will be carried out for post-menopausal women and a pregnancy test will be carried out for women of childbearing potential.

A FibroScan[®] examination (**for which you must have been fasting for at least 2 hours**, you will nevertheless be allowed to drink water) will also be completed.

This will be used to determine the quantity of fat in your liver and the stiffness of your liver. This examination is non-invasive and painless. It takes approximately 10 minutes.

To perform the FibroScan[®] examination, you will be asked to lie on your back with your right arm raised above your head. A gel will be applied to your skin, on the right-hand side of your upper abdomen and lower thorax near the liver. During the procedure FibroScan[®] uses an ultrasound probe which emits a mechanical pulse, a series of short, sound waves at the surface of the skin. This controlled vibration is propagated through the liver and measures the condition of the liver. The data (several measurements) are analysed by a computer which displays a two-dimensional picture of the liver. The level of fibrosis (scarring) can be measured in relation to the stiffness of the liver – so the harder the liver is, the more serious the fibrosis is likely to be.

You will also complete a questionnaire about your participation in clinical studies in the 365 days preceding this screening examination.

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



For hygiene reasons, you are requested to take a shower before this visit. To make it easier for the ECG electrodes to adhere to the skin, we ask you not to apply a moisturizing cream on your body.

2. AMBULATORY VISITS

If you agree to take part in the study and meet all the conditions required to be enrolled in the study, you will undergo the tests and examinations **(for which you must have been fasting for at least 4 hours)** described below at each ambulatory visit:

- Full physical examination: at first visit only (Day 1).
- Detection of drugs in urine: 1 sample.
- Blood sample for biomarker research: 1 sample.
- Urine sample collection for biomarker research: 1 sample.
- Urine pregnancy test, if you are a woman of childbearing potential: 1 sample.

For safety reason, we may add procedures at any time during the study in order to check on your health status.

When participating to the study, you must be able to come to the Unit within 24 hours if we need to call you in for a check-up. We therefore ask you not to make any travel plans that will prevent you from respecting this condition.

The remainder of your laboratory test samples and the samples used for biomarkers research may be retained for storage up to 50 years following completion of the study. These samples shall be destroyed after this timeframe or earlier if not used. The samples may be used for evaluation of exploratory safety biomarkers, bioanalytical method, as well as for other exploratory research related to the research topics of this study.

Contraception, pregnancy and breast-feeding

There are no specific contraception requirements in this study.

1. FOR WOMEN ONLY:

You will be considered as not capable of having children, if you meet at least one of the following criteria:

- You are between 18 and 80 and
- You are post-menopausal (meaning that your last period was at least one year ago).
- OR ELSE you have been surgically sterilised (bilateral oophorectomy, or hysterectomy).
- OR you have an ovarian failure.

If you do not fall into one of these categories (described above), you will be considered as capable of having children (= woman of childbearing potential).

2. PREGNANCY FOLLOW UP

If you become pregnant during the study, please inform the study doctor immediately.

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



Risks associated with the evaluation procedures specific to the study

Blood draws may cause faintness, inflammation of the vein (blood vessel), pain, bruising, or bleeding at the site of puncture. There is also a slight chance of infection.

A FibroScan® examination generally has no risks and there are no side effects. You may feel slight discomfort (pulsed sound waves) during the procedure if you have existing pain in your liver. Technical limitations of the FibroScan® do not allow the use of this test in individuals who have ascites.

Other currently unknown risks and discomforts could appear. It is therefore very important that any new health problem is quickly reported to the doctor, regardless of whether or not you think it has to do with the study.

TESTING OF DNA AND/OR RNA

Genes are pieces of DNA that, through material called RNA, give instructions for building the proteins that make our bodies work. These instructions are stored in the form of a code. This is the code that you inherit from your parents and that you pass on to your children. DNA, RNA, and proteins can be studied as part of genetic research. This study will involve studying your biology and whether a particular biological feature (including genes) is related to a safety biomarker or to a disease. This may include analysing all of your genetic information (called “whole genome sequencing”). Sequencing a gene is like reading a book one letter at a time. This is a very thorough way to learn about genes. The genetic analysis is for research purposes only, and is not a medical test. This means that the medical importance of the results may not be known, or that they may not be related to any medical condition. The results of tests on your sample will not be given to you or the study doctor. If you do not want genetic testing to be done on your samples, you should not agree to participate in the research described in this document.

Benefits

You will not personally derive any benefit from your participation in this study, but the results obtained could be very important for the development of drugs and treatments which will benefit other people.

Withdrawal from the study

Your participation is voluntary and you are entitled to withdraw from the study for any reason, without having to justify your decision. Nevertheless, it may be useful for the investigator and for the sponsor of the study to know if you are withdrawing from the study because the constraints or discomforts of the study are too great (too many discomforts, for example).

The sponsor will use information and samples already collected from you in the study before your withdrawal.

It is also possible that the investigator withdraws you from the study because he/she thinks it is better for your health or because he/she finds out that you are not following the instructions given to participants.

Finally, the ethics committee that initially approved the study or the sponsor may decide to interrupt or discontinue the study for any reason, such as, for example, the decision to stop research on new biomarkers.

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



Samples of biological material collected during the study

The sponsor of the study undertakes that the samples will only be used as defined in this section.

BLOOD AND URINE SAMPLES FOR BIOMARKERS RESEARCH

Blood samples will be collected at Day 1, Day 14, and Day 28. Urine samples of approximately 15 mL will be collected at Days 1, 14 and 28. These samples will be used to study biological substances also known as biomarkers. This will help us learn more about biomarkers, drug-induced organ injury, other diseases and to advance science, including development of other medicines for patients.

Research results will not be communicated to you or your doctor. The Sponsor may share the samples and/or data derived from the samples with third parties (such as other researchers and collaborators at other institutions and companies) consistent with the uses described above.

Specimens will be stored in a Pfizer-designated facility, which is currently located at 2910 Fortune Circle West, Suite E, Indianapolis, Indiana, 46241 in the United States.

The sample taken of your biological material is considered to be a "donation" and you should know that, as a matter of principle, you will not receive any financial benefit (royalties) related to the development of new therapies derived from the use of your donation of biological material and that could have commercial value.

If you withdraw your consent for participation in the study, you may contact the investigating physician to have the unused portion of your sample destroyed. The results obtained based on your samples before the withdrawal of your consent will remain the property of the sponsor of the study.

If you take part in this study, we ask you:

- To cooperate fully in the smooth running of this study.
- Not to conceal any information relating to your state of health, the medication you are taking or the symptoms you are experiencing.
- Not to take part in other clinical study involving an investigational treatment, be it a medicinal product, a medical device or a procedure, while taking part in this study.
- To carry the "emergency card" with you at all times. This is imperative for your safety in the event of emergency care in an institution that does not know you. This card states that you are taking part in a methodology study. It also mentions a telephone number that you may call in an emergency. You should return this card to us at the end of the study.

Contact

If you need further information, but also if you have problems or concerns, you can contact the Pfizer Clinical Research Unit on the following telephone number +32 (0)2/556 70 02.

II. Supplementary information

Restrictions

You must avoid consuming any alcoholic drinks for 24 hours prior to the FibroScan® assessment and any blood or urine collection.

You must also avoid any strenuous physical exercise for at least 48 hours prior to the FibroScan® assessment and any blood and urine collection.

Exclusions

1. SPECIFIC EXCLUSIONS FROM THIS STUDY

You may not take part in this study if:

- You smoke.
- You are pregnant or breastfeeding.
- You have ascites or any other sign of liver disease.
- For participants ≥ 65 years old:
 - You are taking medication to treat inflammatory and autoimmune diseases or to reduce the risk of blood clot formation,
 - You have a known cardiovascular disease, hepatic and renal diseases.
 - You have a recent (e.g. last 6 months) evidence of unstable or moderate to severe diseases.

2. COMMON EXCLUSIONS TO MOST OF THE STUDIES

You may not take part in this study if:

- You are outside of the age limits (18-80 years) or weight limits (minimum of 50 kg), or you are outside of the limits of the Body Mass Index (for participants of < 65 years old: 17.5 - 30.5 kg/m² and for participants of ≥ 65 years old: 17.5 – 32 kg/m²).
- You are regularly taking medications or you are suffering from a chronic illness.
 - For participants of ≥ 65 years only: medications are only permitted when on stable doses (no change in dose for the 3 months preceding Day 1) for the management of your concomitant medical condition(s).
- You are suffering from asthma or from any allergy to a medicine.
- You are suffering from any treated or symptomatic, seasonal allergies (hay fever) during the study.
- You have taken part in another clinical study involving investigational medicines within the last 30 days.
- You have given blood or constituent elements of blood during the two months preceding the study or you intend to be a donor in the two months following the end of the study (Red Cross standard to guarantee blood cells regeneration). Giving plasma is allowed.
- You have taken or you are taking drugs.
- You think you are at risk of being infected with the AIDS virus, hepatitis B or C.

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



Supplementary information on the risks associated with participation in the study

Specific features of the study

BLOOD VOLUME

The total quantity of blood taken during the study will be approximately 140 mL.

The times for taking blood may change. Additional blood samples may be added provided the total volume of 550 mL is not exceeded.

Your body will quickly build up again this quantity of blood during the study.

Glossary

Ascites: Abnormal accumulation of fluid in the spaces between tissues and organs in the cavity of the abdomen.

Bilateral oophorectomy: Ablation (surgical removal) of the ovaries.

Bioanalytical method: Techniques used to measure the quantity of study medicine, metabolite, biomarkers or proteins.

Biobank: Reserve of biological samples.

Biomarker: A biomarker is a characteristic objectively measured and evaluated as an indicator of a disease or of the action of a medicine. Thus, for example, glucose is a biomarker for diabetes, and blood pressure is a biomarker for arterial hypertension (high blood pressure).

Body Mass Index: The Body Mass Index is calculated by dividing your weight (in kg) by your height (in m) squared. In practice, you just need to divide your weight by your height and then once again divide the result by your height. For example, if you are 1.70 m tall and you weigh 70 kg, your BMI index will be 24. This is calculated as follows: $70 \text{ kg} / 1.70 \text{ m} = 41$ and $41 / 1.70 \text{ m} = 24$.

DNA: A molecule that is present in all cells, and which comprises the entire set of information necessary to the development and working of an organism. It is also the support of the heredity, because it is wholly or partly transmitted in the course of reproduction. It therefore carries the genetic information (the genotype) and constitutes the genome of living beings.

Hysterectomy: Ablation (surgical removal) of the uterus.

Metabolite: Compound resulting from the transformation of a medicine in a cell, in a tissue or in blood.

Plasma: The liquid portion of the blood that bathes the other blood components (red blood cells, white blood cells, platelets).

Protein: Biological molecule composed of amino acids brought to the body through food processing by digestion followed by assimilation by the intestines, among others.

RNA: A biological molecule that is present in practically all living organisms, including certain viruses. The RNA is a molecule that is chemically very similar to DNA and it is also in general synthesised in the cells based on a DNA matrix of which it is a copy. Living cells use RNA in particular as an intermediary support for the genes to generate the proteins they need. The RNA can fulfil numerous other functions and in particular intervene in chemical reactions taking place in the cell.

Additional information on protecting participants and their rights in each research study

You must inform the study doctor of:

- Any drug or substance that you have taken in the last 28 days, that you are currently taking or that you intend to take;
- Any change in treatment that has taken place during the study;
- Any study exclusion criteria that would apply to you according to the information given by the doctor in charge;
- Any significant illness, past or present, including any consultation you have had with any doctor during the last six months, whether or not it resulted in medication or a drug prescription;
- Your history of drug taking, alcohol consumption or smoking tobacco;
- Your participation in other clinical studies during the last 12 months.

Assistance or advice

This study has been submitted to an independent Ethics Committee 'Comité d'Ethique Hospitalo-Facultaire Erasme-ULB', which has issued a favourable ethical opinion as regards to its implementation. The Ethics Committees are responsible for the protection of the subjects who take part in clinical research in accordance with the Law of 7 May 2004 concerning experiments on humans.

However, the decision as to whether or not to participate in this study must be your own personal decision. Under no circumstances should you take the Ethics Committee's favourable opinion as an incentive to take part in this study.

If you have any questions, concerns or complaints concerning the role of the Ethics Committee or your rights as a participant in a methodology study, you may contact the Ethics Committee 'Comité d'Ethique Hospitalo-Facultaire Erasme-ULB', during office hours, dialling the following number: 02/555 37 07.

Participant rights

Before signing, do not hesitate to ask any questions that you consider useful. Take the time to discuss it with a person you trust if you so wish.

Your participation in this study is voluntary and you must remain free from any constraint. This means that you have the right not to take part to the study or withdraw at any time without giving any justification, without losing your legal rights, even if you previously agreed to take part in it.

If you decide to withdraw from the study, we ask you to inform the study doctor and undergo some follow-up examinations so that we can be sure that you are in good health. The doctor in charge of the study can decide to remove you from the study if she/he deems that it would be harmful for you to continue to take part to it. The study may also be discontinued in the event that the Ethics Committee takes a new decision on the study.

You will be informed of any new data that may influence your decision to take part or not in the study.

If you agree to take part in the study, you must sign the informed consent form. The study doctor, or designee, will also sign this form and will thereby confirm that she/he has provided you with the necessary information on the study. You will receive a paper copy of that document.

Compensation and insurance

Your compensation for the inconveniences caused by your participation to the study will be available three weeks after the last contact (see point 12 of the “Subject Agreement And Consent Form”).

Any clinical study carries a risk, however small it is. If you suffer damage as a result of your participation in this study, you (or in the event of death, your dependants) will be compensated for this damage by the study sponsor in accordance with Article 29 of the Belgian Law related to experiments on humans (7 May 2004). You do not have to prove fault for this. In this regard, the sponsor has taken out an insurance policy.

You are therefore asked to report any new health problem to the investigator before consulting another doctor, taking any medication or receiving any medical treatment. If, for any reason, you consult another doctor during this methodology study, you must inform him/her that you are taking part in a methodology study and present your study participant card. This could be important in establishing a diagnosis and treating your complaints.

If the investigator believes that a link with the study is possible (the insurance does not cover the natural progression of your disease or the known side effects of your normal treatment), he/she will inform the study sponsor, which will initiate the declaration procedure to the insurance company. The latter will appoint an expert - if it considers it necessary - to assess whether there is a link between your new health problems and the study.

In the event of disagreement either with the investigator or with the expert appointed by the insurance company and also whenever you feel it is appropriate, you or - in case of death - your dependents may bring proceedings against the insurer directly in Belgium (Insurer: Chubb European Group SE, policy number: BECANA07085, Tel: +32 (2) 516 97 11).

The law provides that the insurer may be summoned to appear either before the judge of the location where the event giving rise to the damage occurred, or before the judge of your domicile, or before the judge of the insurer's registered offices.

Provision has been made for insurance to cover research injury liability of the sponsor established in relation to the trial.

Protection of your personal data

Your participation in the study means that you accept that the study doctor will collect data about you as specified in this document (the “Personal Data”) such as name, postal address, email address, phone number, your date and place of birth, sex, age, your general practitioner's name (with your consent), bank details, as well as ethnic origin and data relating to your health status, and that the study sponsor (Pfizer) will use this Personal Data for research purposes as specified in this document, and for scientific and medical publications on that research (fully anonymously).

Your Personal Data will be collected, stored, accessed and otherwise processed in compliance with the applicable EU and Belgian laws on clinical trial, and with the applicable EU and Belgian privacy legislations as they may be amended or repealed and replaced from time to time (collectively referred to as “Data Privacy Laws”) and as specified in the annex “Supplement related to personal data protection” (p. 18).

You have the right to consult, correct or request deletion of your Personal data by writing to the following address: Participants Recruitment Department, Pfizer Clinical Research Unit, route de Lennik 808, 1070 Brussels. Should communicating your Personal Data potentially jeopardise the results of the study, we may ask you to wait until the end of the study to access these Personal Data.

If you want to ask for removal of Your Personal Data, please send a signed and dated letter to Participants Recruitment Department, Pfizer Clinical Research Unit, route de Lennik 808, 1070 Brussels. Your data will be deleted by Pfizer and will no longer be stored or processed by us (except for your letter requesting the removal – see point G of the “Supplement related to personal data protection”). You will therefore not be able to participate in any of our future studies.

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



However, if you have taken part in a study or a screening, we will not be able to delete your data but your file will be inactivated and you will not be contacted again.

Monitoring of non-participation in other clinical studies

Our Pfizer Clinical Research Unit, located on route de Lennik 808, 1070 Anderlecht (Brussels) takes part in the « Verified Clinical Trials LLC (« VCT ») programme.

The aim of this database is to enable us to ensure that participants are not taking part in several phase I clinical studies at the same time. In addition, this system will enable us to enhance your protection, as well as the quality of the data for the study that you will be taking part in.

For more information regarding VCT, please refer to the separate VCT consent form.

A9001507-1001 **A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries**



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PARTICIPANT AGREEMENT AND CONSENT FORM

Principal Investigator

Dr. Laure Mendes da Costa

1. I freely agree to take part in this study.
2. I have received full explanations from the people in charge of the study about the nature, purpose and likely duration of the study, and about what is expected of me. I have also been informed of all the possible side effects. The information document, which was sent to me, is attached hereto and is an integral part thereof. I have informed the study doctor of my medical history, of the medications I may have taken, and of any other studies I may have participated in. In this regard, I was given the Study Information Leaflet pertaining to the abovementioned study.
3. I have been given the opportunity to question the study doctor on all aspects of the study and have understood the advice and information given as a result.
4. I have been informed that a blood sample will be taken for HIV, Hepatitis B and C screening. I have also been informed that a blood sample will be taken, to study biological substances including my genes, to help us learn more about new safety biomarkers for application in drug development. The remainder of my laboratory test samples and the samples used for biomarkers research may be retained for storage for up to 50 years following completion of the study (destroyed after this timeframe or earlier if not used).
Research results will not be communicated to me or my doctor.
5. I agree to comply with any instruction given during the study and to co-operate faithfully with the study doctor and to tell him/her immediately if I suffer any change of any kind in my health or well-being or any symptoms of whatever kind.
6. I undertake to be present on the premises of the Pfizer Clinical Research Unit for the outpatient visits scheduled within the context of this study. I am aware of the fact that non-compliance with this obligation could be detrimental to my health if I experienced an undesirable effect and could not immediately gain access to the appropriate medical care.
7. I shall not donate blood during the study, nor for two months before or after the trial.
8. I undertake to comply with the study restrictions as they are mentioned under "II Supplementary information" (page 8). If a violation of these commitments were confirmed by laboratory tests, I could be excluded from the study.
9. I understand that data about me will be collected throughout my participation in this study and that the Investigator and the Sponsor of the study will guarantee the confidentiality of these data. I agree to my personal data being processed as described under "Protection of your personal data" in the section "Additional information on protecting participants [...]" (page 11). I also consent to these data being transferred to and processed in countries other than Belgium.
10. Although my name must never appear in the report of the study disclosed to third parties, I expressly authorise the company Pfizer to pass on the results of this study to the competent medical or pharmaceutical authorities, both Belgian and foreign, to technical advisers, whether or not linked to the company, and to publish the results.
11. It is understood that I am free to leave the study at any time without having to justify my decision and without losing my legal rights. However, I shall, in that case, continue to benefit from all treatments and check-ups my condition may require.

12. The company sponsoring the study confirms that:

- i) I shall receive the sum of **€445.00** (four hundred forty-five euros) for my participation in this study.

If I need to withdraw from the study for medical reasons evaluated by the Investigator as related to the study, I shall however receive a full payment of the above-mentioned amount for my participation. If I withdraw from the study for other medical reasons or other reasons not associated with my participation in the study, I shall receive a compensation proportional to the duration of my participation.

If changes are made to the original calendar of the study as provided at the time of first visit, the compensation amount will be reviewed proportionally to the duration of the new calendar.

If my participation is ended for not respecting the restrictions, I shall be removed from the study, and my compensation amount shall be reviewed proportionally to the duration of my participation.

In addition, **I will be compensated for my travel expenses** (a lump sum) based on the journey from the address where I officially reside, and the number of journeys made.

- ii) The sponsor has subscribed a no-fault insurance to cover injuries or significant deterioration in health or well-being in connection to my participation in the study.

13. I have been made aware of the reasons for which personal data will be processed and/or transferred as part of the study and of my legal rights concerning these personal data as described in the Participant Information Sheet.

Signatures:

In agreement, the participant:

Printed name of participant

Signature of participant

Date of signature[§]

§Participant/impartial witness must personally date their signature.

Person Obtaining Consent:

I hereby confirm having provided the participant with all the necessary information about the study, without exercising any pressure to cause the subject to participate. I further confirm that I have handed over a copy of the Information and Consent Leaflet signed by the participant and by me, and that I am willing to answer any additional questions if necessary. I state that I work in compliance with the ethical principles set out in the "Helsinki Declaration" and the Belgian Law of 7 May 2004 concerning experiments on humans.

Printed Name of the Person Conducting the Consent Discussion

Signature of the Person Conducting the Consent Discussion †

Date of Signature

†The investigator, or an appropriately qualified and trained person designated by the investigator to conduct the informed consent process, must sign and date the consent document during the same discussion when the participant signs the consent document.

A9001507-1001 A low-interventional study to provide blood and urine samples from healthy participants for development and validation of new safety biomarkers for drug-induced injuries



Consent for Participant Who Cannot Read:

The study participant has indicated that he/she is unable to read. One or more members of the study team read the consent document to the study participant, discussed it with the study participant, and gave the study participant an opportunity to ask questions.

Printed name of impartial witness ‡

Signature of impartial witness

Date of signature§

Not applicable (*Check this box if the Signature of an impartial witness is not required. Signature of an impartial witness is required if the participant cannot read.*)

§Participant/impartial witness must personally date their signature.

‡ Impartial Witness: A person, who is independent of the study, who cannot be unfairly influenced by people involved with the study, who attends the informed consent process if the participant cannot read, and who reads the informed consent and any other written information supplied to the participant. See Guidance for Industry E6 Good Clinical Practice: Consolidated Guidance.

SUPPLEMENT RELATED TO PERSONAL DATA PROTECTION

Table of Contents

A. What personal data may we collect about you during this study?	19
B. Who will use my personal data, how will they use it, and where will it be stored?	19
C. What happens to my personal data that is sent outside the study site?	20
D. How are my biological samples and images handled?.....	21
E. Can my personal data be used for other research?.....	21
F. How will my personal data be protected when transferred from the study site to the Sponsor?	22
G. What are my data protection rights? Whom may I contact about these rights or any concerns or complaints?	23
H. What happens if I do not wish to continue with the study?	23

This **Privacy Supplement** describes how we will collect, use, and share your personal data. It also describes your rights as data subject of whom personal data are being collected and processed. Your personal data shall be processed in compliance with the General Data Protection Regulation and the Belgian law of 30 July 2018 relating to the protection of natural persons with regards to the processing of their personal data.

A. What personal data may we collect about you during this study?

Your study team and others assisting with your study-related care will collect information related to you (personal data), in the framework of the study. Amongst these personal data, some are sensitive data. These data may include:

- **Information that directly identifies you** such as your name, address, telephone number, e-mail address, date and place of birth, national ID number.
- **Your bank details.**
- **With your consent, the identification of your general practitioner.**
- **Sensitive personal data** such as your medical history, data from this study (including study results from tests and procedures), demographics (for example, age and gender) and other sensitive personal data that is needed for this study such as ethnic origin, genetic information, sexual orientations, HIV/AIDS, tuberculosis, dietary preferences.
- **Data from testing and analysis of biological samples** (such as blood or urine) **and images** (such as X-rays, CT-Scans, and medical photographs). This may also include genetic information.
- **Data captured from electronic devices** if you complete the consent process using the eConsent tablet or if you use a mobile application or other digital tool during the study. This information may include data about your use of the eConsent tablet, application or tool, such as the length of time it takes you to complete the consent process, the number of times you scroll between pages or click on the hyperlinked items, your electronic signature. Mobile applications and other digital tools used in the study may have their own privacy policies. Those policies provide additional information about the data processing activities performed by the digital tools.

B. Who will use my personal data, how will they use it, and where will it be stored?

Any personal data collected about you during this study will be stored by the study team at your study site. The study team must ensure the confidentiality of your personal data.

Your personal data shall be accessed by:

- Your study doctor and other study team members;
- The Sponsor and its representatives (including its affiliated companies);
- People or organizations providing services for, or collaborating with, the Sponsor;
- Any organization that obtains all or part of the Sponsor's business or rights to the product under study;
- Government or regulatory authorities (including those in other countries); and
- Institutional Review Board(s) (IRB) or Independent Ethics Committee(s) (IEC) overseeing this study.

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The individuals and groups listed above will use your personal data to conduct this study, and to comply with legal or regulatory requirements, including to:

- determine if you are eligible for this study;
- provide you with reimbursement for your time, effort and certain expenses related to your participation;
- verify that the study is conducted correctly and that study data are accurate;
- answer questions from IRB(s), IEC(s), or government or regulatory agencies;
- assess your use of electronic devices in the study, for example, to determine how long it takes you to complete any e-consent module used for the study and your comprehension of the e-consent process;
- contact you during and after the study (if necessary);
- follow-up on your health status, including using publicly available sources should the study team be unable to contact you using information held on file;
- protect your vital interests (for example, a critical medical situation, such as providing information to an emergency department of a hospital where you are being treated); and
- answer your data protection requests (if any).

The study site will retain your personal data for the period necessary to fulfil the purposes outlined in the consent document(s). This period could be up to 25 years after the end of the study.

If you provide someone else's personal data (for example, an emergency contact or details of family medical history) you should make them aware that you have provided the information to us. We will only use such personal data in accordance with this informed consent and applicable law.

C. What happens to my personal data that is sent outside the study site?

Before the study team transfers your personal data outside the study site, the study site will replace your name with a unique code and remove information that directly identifies you. We call this "**Coded Information**." The study site will keep the link between the unique code and your personal data confidential, and the Sponsor will not have access to that link. The Sponsor's employees and representatives are required to protect your Coded Information and will not attempt to re-identify you.

Your Coded Information will be used by the following persons:

- The Sponsor and its representatives (including its affiliated companies);
- People and/or organizations providing services to or collaborating with the Sponsor;
- Any organization that obtains all or part of the Sponsor's business;
- Other researchers;
- The IRB or IEC that approved this study;
- Government or regulatory authorities, if necessary;

The above parties may use your personal data for the following purposes:

- **Conducting the study**, including understanding the study and the study results.
- **Complying with legal and regulatory duties** such as:
 - Ensuring the study is conducted according to good clinical practice;
 - Making required disclosures to IRB(s), IEC(s), or government or regulatory authorities; and
 - Sharing study data with other researchers not affiliated with the Sponsor or study team (including through publication on the internet or other ways). However, information that could directly identify you will not be made available to other researchers.
- **Publishing summaries of the study results** in medical journals, on the internet or at educational meetings of other researchers. You will not be directly identified in any publication or report of the study. But, some journal representatives may need access to your Coded Information to verify the study results and ensure the research meets the journal's quality standards. Moreover, journals may require that genetic and other information from the study that does not directly identify you be made available to other researchers for further research projects.
- **Improving the quality, design and safety** of this study and other research studies.

The Sponsor will retain your Coded Information for the period necessary to fulfil the purposes outlined in the consent document(s). This period could be up to 25 years after the end of the study.

D. How are my biological samples and images handled?

If biological samples or images of you are taken during the study, those samples and images will be handled in the same way as your Coded Data. All samples will be treated as required by law. Sometimes your study site may be unable to remove information that can identify you from your images before sending images to the Sponsor and its representatives.

E. Can my personal data be used for other research?

Your Coded Information may be used to advance scientific research and public health in other projects that will occur in the future. At this time, we do not know the specific details of these future research projects.

This other research may be conducted (1) in combination with data from **other sources**, (2) for **additional scientific research purposes** beyond objectives of this study, and (3) subject to **specific safeguards**.

- **Other sources:** Coded Information may be combined with data from other sources that are taken from outside typical research settings. These sources may include: coded electronic health records, claims and health care cost and payment data or databases, product and disease registries, data gathered through your phone, tablet, or other devices and mobile applications, social media, pharmacy data, biobanks, or patient engagement programs.
- **Additional scientific research:** Coded Information may be used to understand how to make new medicines, devices, diagnostic products, tools and/or other therapies that treat diseases and to improve future research. It may also be used to inform value, cost-effectiveness and pricing, and to optimize access to medicines.

- **Specific safeguards** will be used to protect your Coded Information, which may include:
 - Limited access to Coded Information to specific individuals who will be bound to keep this information confidential and will be prohibited from attempting to re-identify your Coded Information.
 - Use of security measures to avoid data alteration, loss and unauthorized access.
 - Anonymisation of the data by removing and/or replacing information from the Coded Information and/or destroying the link to the Coded Information.
 - Assessment of data protection systems to identify and mitigate privacy risks, if any, associated to each additional scientific research purpose.
 - When required by applicable law, verification that the scientific research has obtained the approval of IECs, IRBs, or other similar review groups.

F. How will my personal data be protected when transferred from the study site to the Sponsor?

Your personal data will be treated in compliance with applicable data protection laws. The Sponsor and Pfizer Clinical Research Unit (PCRU), part of Pfizer SA, are the data controllers of your personal data. The PCRU will be the data controller of your personal data and the Sponsor, will be the data controller of your Coded Information.

Some of the people using your personal data, including your Coded Information, may be based in countries other than those of the European Union (EU) and of the European Economic Area (EEA), including the United States. Data protection laws may be different in these countries. The European Commission has decided that some of these countries provide a level of data protection equivalent to the one available in the EU (the full list of these countries is available at this website https://ec.europa.eu/info/law/law-topic/data-protection/international-dimension-data-protection/adequacy-decisions_en).

The Sponsor and people working with the Sponsor will take steps to maintain the confidentiality of your personal data. If your personal data is transferred by the Sponsor from the EU, EEA, and/or Switzerland to other countries that have not yet been found by the European Commission to meet requirements for protection of personal data, the Sponsor has put in place standard EU data transfer agreements to protect your personal data. Please contact your study team to obtain a copy of these standard data transfer agreements.

G. What are my data protection rights? Whom may I contact about these rights or any concerns or complaints?

If you wish to exercise any of the rights described below or have concerns about how your personal data is being handled, it is best to contact the PCRU and not the Sponsor of the study. Generally, the Sponsor will not know who you are (by name) because the Sponsor only holds your Coded Information, which does not include your name or other information that can identify you. Please contact the PCRU, the study team representative or PCRU data protection officer, at the following address: Participants Recruitment Department, Pfizer Clinical Research Unit, route de Lennik 808, 1070 Brussels, Phone: 0800/99.256 or +32 2/556.70.02; Email: PfizerVolRecruitment@pfizer.com.

- You have the right to access your personal data that is held about you by the study team. To ensure the integrity of the study, you will not be able to review some of the data until after the study has been completed.
- You have the right to correct or update your personal data.
- You have the right to limit the collection and use of your personal data under certain circumstances (for example, if the information is inaccurate).
- You have the right to receive your personal data in a structured, common computer format (for example, in a readable text electronic file or chart) for your own purposes or for giving it to others, as required by applicable data protection laws. *You may not have the right to receive your personal data that have been used for public interest purposes (for example, for reporting incidents of disease to public health officials) or in the exercise of official authority vested in the Sponsor or the PCRU (for example, responding to information requests from public agencies or monitoring drug safety).*
- You have the right to request the deletion of your personal data if you are no longer participating in the study and you withdraw your consent to the use of your personal data as described in this Privacy Supplement. *However, there are limits on the ability to honour a request to delete your personal data. Some or all of your personal data may be kept and used if deletion would seriously impair the study (for example, if deletion would affect the consistency of study results) or if your personal data is needed to comply with legal requirements.*
- You have the right to file a complaint with a data protection authority:

Data Protection Authority

Rue de la Presse 35, 1000 Brussels

Tel.: +32 (0)2 274 48 00

Fax: +32 (0)2 274 48 35

Email: contact@apd-gba.be

<https://www.dataprotectionauthority.be/contact-us>

H. What happens if I do not wish to continue with the study?

As noted in the main consent document, you are free to stop taking part in this study at any time by informing the study team of it.

If you stop taking part in the study and you do not tell the study team about your withdrawal, your contact information may be used by the study team to contact you and check whether you wish to continue in the study.

If you stop taking part in the study but do not withdraw your consent for the processing of your personal data, your personal data will continue to be used in accordance with this document and applicable law.

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If you decide to withdraw your consent:

- You will no longer be able to participate in the study;
- No new information or samples will be collected about you or from you by the study team;
- The study team may still need to report any safety event that you may have experienced due to your participation in the study to the Sponsor;
- Your personal data, including Coded Information, that has already been collected up to the time of your withdrawal of consent, will be kept and used by the Sponsor to guarantee the integrity of the study, to satisfy legal or regulatory requirements, and/or for any other purposes permitted under applicable data protection laws;
- Your personal data, including Coded Information, will not be used for further scientific research. However, if your personal data has been anonymized so that the information does not identify you personally, that information may continue to be used for further scientific research (as described in Section E of this Privacy Supplement), as permitted by applicable law; and
- Biological samples that have been collected but not analysed will no longer be used, unless permitted or required by applicable law.

You have the additional right to request that any remaining samples that have been collected from you as part of the study be destroyed. You may exercise this right by communicating to the study team your wish to have the samples destroyed. The study team will then send your coded request to the Sponsor. In some countries, local laws or regulations may require that your samples be destroyed or de-identified if you withdraw from the study, regardless of whether you specifically make such a request.

However, we cannot guarantee the destruction of samples because the sample may no longer be traceable to you, they may have been used up, or they may have been released to a third party. In those cases, it would not be possible to remove and destroy your biological samples and any related data.