

## FWO DMP Template - Flemish Standard Data Management Plan

### Version KU Leuven

Project supervisors (from application round 2018 onwards) and fellows (from application round 2020 onwards) will, upon being awarded their project or fellowship, be invited to develop their answers to the data management related questions into a DMP. The FWO expects a **completed DMP no later than 6 months after the official start date** of the project or fellowship. The DMP should not be submitted to FWO but to the research co-ordination office of the host institute; FWO may request the DMP in a random check.

At the end of the project, the **final version of the DMP** has to be added to the final report of the project; this should be submitted to FWO by the supervisor-spokesperson through FWO's e-portal. This DMP may of course have been updated since its first version. The DMP is an element in the final evaluation of the project by the relevant expert panel. Both the DMP submitted within the first 6 months after the start date and the final DMP may use this template.

The DMP template used by the Research Foundation Flanders (FWO) corresponds with the Flemish Standard Data Management Plan. This Flemish Standard DMP was developed by the Flemish Research Data Network (FRDN) Task Force DMP which comprises representatives of all Flemish funders and research institutions. This is a standardized DMP template based on the previous FWO template that contains the core requirements for data management planning. To increase understanding and facilitate completion of the DMP, a standardized **glossary** of definitions and abbreviations is available via the following [link](#).

1. General Project Information	
Name Grant Holder & ORCID	Prof. Dr. Koenraad Van Laere 0000-0001-5200-7245
Contributor name(s) (+ ORCID) & roles	Prof. Dr. Koenraad Van Laere: UZ Leuven principal investigator Prof. Dr. Wim Vandenberghe 0000-0001-5464-7940: Investigator Dr. Aline Delva 0000-0001-8497-2314: Investigator Dr. Louis Versweyveld 0009-0008-3475-1079: Investigator Dr. Donatienne Van Weehaeghe: UZ Gent principal investigator Prof. Dr. Patrick Santens 0000-0002-8886-9776: Investigator Dr. Tim Vanlangenhove: Investigator
Project number <sup>1</sup> & title	S67620 [18F]-MFBG PET of the cardiac noradrenergic system for early differentiation in Parkinson's disease and dementia with Lewy bodies.
Funder(s) GrantID <sup>2</sup>	FWO-TBM T001223N
Affiliation(s)	<input checked="" type="checkbox"/> KU Leuven <input type="checkbox"/> Universiteit Antwerpen <input checked="" type="checkbox"/> Universiteit Gent <input type="checkbox"/> Universiteit Hasselt <input type="checkbox"/> Vrije Universiteit Brussel <input type="checkbox"/> Other: ROR identifier KU Leuven: 05f950310

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<sup>1</sup> "Project number" refers to the institutional project number. This question is optional. Applicants can only provide one project number.

<sup>2</sup> Funder(s) GrantID refers to the number of the DMP at the funder(s), here one can specify multiple GrantIDs if multiple funding sources were used.

Please provide a short project description	<p><b>Study goal:</b>  The goal of this prospective head-to-head comparison is to evaluate the effectiveness of [18F]-MFBG PET in assessing cardiac innervation, comparing it with [123I]-MIBG SPECT. The study's primary focus is on distinguishing between Parkinson's disease (PD) and multiple system atrophy (MSA), as well as between dementia with Lewy bodies (DLB) and Alzheimer's disease (AD).</p> <p><b>Main questions:</b></p> <ul style="list-style-type: none"> <li>• Feasibility: How well can [18F]-MFBG PET detect changes in myocardial uptake in PD and DLB compared to the expected normal values in healthy individuals and AD and MSA-P patients? How well can it differentiate between these groups based on the detected changes?</li> <li>• Non-inferiority: Is [18F]-MFBG PET as accurate as [123I]-MIBG SPECT in distinguishing between PD and MSA-P, and between DLB and AD?</li> </ul> <p><b>Participant requirements:</b>  For the main study, participants will be required to visit the hospital for 3 or 4 appointments. During these visits, they will undergo a screening visit, MRI brain scan, a comprehensive neurological assessment, [18F]-PE2I PET, [123I]-MIBG SPECT, and [18F]-MFBG PET scans.</p> <p>Additionally, a separate dosimetry study will be conducted, involving healthy subjects who will visit the hospital for a screening visit and undergo [18F]-MFBG PET scans.</p>
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## 2. Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data <sup>3</sup>.

Dataset Name	Description	New or Reused	Digital or Physical	ONLY FOR DIGITAL DATA	ONLY FOR DIGITAL DATA	ONLY FOR DIGITAL DATA	ONLY FOR PHYSICAL DATA
				Digital Data Type	Digital Data Format	Digital Data Volume (MB, GB, TB)	Physical Volume
Signed informed consent	Signed informed consent	New	<input type="checkbox"/> Digital <input checked="" type="checkbox"/> Physical				37p per form
Lab test data	Results of laboratory tests on blood and urine samples, collected during the screening visit	New	<input checked="" type="checkbox"/> Digital <input type="checkbox"/> Physical	<input type="checkbox"/> Audiovisual <input type="checkbox"/> Images <input type="checkbox"/> Sound <input checked="" type="checkbox"/> Numerical <input checked="" type="checkbox"/> Textual <input type="checkbox"/> Model <input type="checkbox"/> Software <input type="checkbox"/> Other:	KWS (Hospital clinical workstation) = Medical file of the participant	<input checked="" type="checkbox"/> < 1 GB <input type="checkbox"/> < 100 GB <input type="checkbox"/> < 1 TB <input type="checkbox"/> < 5 TB <input type="checkbox"/> > 5 TB <input type="checkbox"/> NA	/
eCRF data	eCRF source data on: - pre-study visit questionnaire - demographics collected during screening visit - presence/absence of exclusion criteria in lab tests during screening visit - presence/absence of exclusion criteria on	New	<input checked="" type="checkbox"/> Digital <input checked="" type="checkbox"/> Physical	<input type="checkbox"/> Audiovisual <input type="checkbox"/> Images <input type="checkbox"/> Sound <input checked="" type="checkbox"/> Numerical <input checked="" type="checkbox"/> Textual <input type="checkbox"/> Model <input type="checkbox"/> Software	eCRF in RedCap	<input type="checkbox"/> < 1 GB <input checked="" type="checkbox"/> < 100 GB <input checked="" type="checkbox"/> < 1 TB <input type="checkbox"/> < 5 TB <input type="checkbox"/> > 5 TB <input type="checkbox"/> NA	2 TB hard drive (about 3 x 10 x 15 cm)

<sup>3</sup> Add rows for each dataset you want to describe.

	<p>MRI brain during or after screening visit</p> <ul style="list-style-type: none"> <li>- medical history, medication, allergies, potential remarks for MRI and physical examination collected during screening visit</li> <li>- questionnaires and clinical scales collected during neurological evaluation</li> <li>- presence/absence of exclusion criteria based on above mentioned data</li> <li>- eventual adverse events collected during all study visits and follow-up call</li> </ul> <p>Paper worksheets will become part of the Trial participant's source documentation and will be filed together with or as part of the medical records. The Trial data will be transcribed from the source records (i.e. participant's medical file or Trial-specific source data worksheets) into an eCRF in RedCap by Trial Staff. Transcription to the (e)CRF will be done as soon as possible after a participant visit and in a pseudonymized manner using a unique identifier assigned by the Sponsor.</p>			<input type="checkbox"/> Other:			
Screening MRI brain	<p>MRI DICOM images</p> <p>MRI metadata</p> <p>MRI protocol by the hospital radiologist, collected during screening visit.</p> <p>Images will be accessed via KWS (Klinisch Werkstation UZ Leuven).</p>	New	<input checked="" type="checkbox"/> Digital <input type="checkbox"/> Physical	<input type="checkbox"/> Audiovisual <input checked="" type="checkbox"/> Images <input type="checkbox"/> Sound <input type="checkbox"/> Numerical <input checked="" type="checkbox"/> Textual <input type="checkbox"/> Model <input type="checkbox"/> Software <input type="checkbox"/> Other:	<p>Images in list mode raw and DICOM format.</p> <p>Metadata in header.</p> <p>Protocol in KWS.</p>	<input type="checkbox"/> < 1 GB <input type="checkbox"/> < 100 GB <input checked="" type="checkbox"/> < 1 TB <input type="checkbox"/> < 5 TB <input type="checkbox"/> > 5 TB <input type="checkbox"/> NA	/

Tracer data	Descriptive data regarding tracer synthesis such as lot-number of the precursor, labelling efficiency, specific activity and radiochemical purity of the final radiotracer. A subject- and tracer specific document providing information regarding the injected tracer (required activity, specific activity, radiochemical purity, lot-number of precursor, signed by a recognized radiopharmacist, is generated. This becomes part of the eCRF.	New	<input checked="" type="checkbox"/> Digital <input type="checkbox"/> Physical	<input type="checkbox"/> Audiovisual <input type="checkbox"/> Images <input type="checkbox"/> Sound <input checked="" type="checkbox"/> Numerical <input checked="" type="checkbox"/> Textual <input type="checkbox"/> Model <input type="checkbox"/> Software <input type="checkbox"/> Other:	Redcap, then transfer to statistical software	<input checked="" type="checkbox"/> < 1 GB <input type="checkbox"/> < 100 GB <input type="checkbox"/> < 1 TB <input type="checkbox"/> < 5 TB <input type="checkbox"/> > 5 TB <input type="checkbox"/> NA	/
Imaging data from PET-MRI, PET-CT, SPECT-CT and MRI	DICOM images. Metadata: <ul style="list-style-type: none"> <li>- acquisition settings (acquisition time, flip angle, bandwidth, TE, TR, matrix, field of view, slice thickness)</li> <li>- reconstruction parameters (time frames, iterations, subsets and post-filtering, matrix size)</li> <li>- injected radioactivity dose and tracer type, date and time of injection and acquisition</li> <li>- patient characteristics at the time of the scan such as height and weight.</li> </ul>	New	<input checked="" type="checkbox"/> Digital <input type="checkbox"/> Physical	<input type="checkbox"/> Audiovisual <input checked="" type="checkbox"/> Images <input type="checkbox"/> Sound <input type="checkbox"/> Numerical <input checked="" type="checkbox"/> Textual <input type="checkbox"/> Model <input type="checkbox"/> Software <input type="checkbox"/> Other:	Images in list mode raw and DICOM format	<input type="checkbox"/> < 1 GB <input type="checkbox"/> < 100 GB <input type="checkbox"/> < 1 TB <input type="checkbox"/> < 5 TB <input checked="" type="checkbox"/> > 5 TB <input type="checkbox"/> NA	2 TB hard drives (about 3 x 10 x 15 cm per hard drive)

***GUIDANCE:***

*The data description forms the basis of your entire DMP, so make sure it is detailed and complete. It includes digital and physical data and encompasses the whole spectrum ranging from raw data to processed and analysed data including analysis scripts and code. Physical data are all materials that need proper management because they are valuable, difficult to replace and/or ethical issues are associated. Materials that are not considered data in an RDM context include your own manuscripts, theses and presentations; documentation is an integral part of your datasets and should be described under documentation/metadata.*

[RDM Guidance on data](#)

If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type.	Not applicable, all data will be prospectively collected.
Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, refer to specific datasets or data types when appropriate and provide the relevant ethical approval number.	<input checked="" type="checkbox"/> Yes, human subject data. Study approved via CTIS (EuCT nr 2023-506508-18-00; local EC S67620) <input type="checkbox"/> Yes, animal data; provide ECD reference number: <input type="checkbox"/> Yes, dual use; provide approval number: <input type="checkbox"/> No Additional information: This trial has been approved by the centralized ethical committee through the CTIS portal. The Trial will be conducted in compliance with the requirements of the GDPR. The Trial will be performed in accordance with the protocol, current ICH and ICH-GCP guidelines, and applicable regulatory and country-specific requirements.
Will you process personal data <sup>4</sup> ? If so, please refer to specific datasets or data types when appropriate and provide the KU Leuven or UZ Leuven privacy register number (G or S number).	<input checked="" type="checkbox"/> Yes (provide PRET G-number or EC S-number below) <input type="checkbox"/> No Additional information: S-number S67620 Processed personal data will include medical information and demographic information as described in the datasets above. The collection and processing of personal data is described in the informed consent forms. Privacy register reference: S67620

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<sup>4</sup> See Glossary Flemish Standard Data Management Plan

<p>Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, ...)?</p> <p>If so, please comment per dataset or data type where appropriate.</p>	<p><input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No</p> <p>If yes, please comment: if non-inferior to the current SOC 123I-MIBG, 18F-MFBG has the potential for reimbursement and (paid) production for clinical routine in UZ Leuven and other centres. PET data for 18F-MFBG.</p>
<p>Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material/Data transfer agreements, research collaboration agreements)?</p> <p>If so, please explain to what data they relate and what restrictions are in place.</p>	<p><input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No</p> <p>If yes, please explain:</p>
<p>Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use?</p> <p>If so, please explain to what data they relate and which restrictions will be asserted.</p>	<p><input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No</p> <p>If yes, please explain:</p>

### 3. Documentation and Metadata



<p>Clearly describe what approach will be followed to capture the accompanying information necessary to keep <b>data understandable and usable</b>, for yourself and others, now and in the future (e.g. in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, Codebook.tsv etc. where this information is recorded).</p> <p><a href="#"><i>RDM guidance on documentation and metadata.</i></a></p>	<p>Source documents on paper will be archived in the investigator site files and classified by making use of the KU Leuven template, which will include a subject identification log.</p> <p>At UZ Leuven, a study specific folder in UZ Leuven called <code>//uz/data/NucleaireGeneeskunde/Studie/DATA AR/PET/_S67620</code> " contains the original non-pseudonymised data and the key of pseudonymisation in a protected subfolder.</p> <p>For the eCRF in RedCap, the metadata is defined in the data dictionary file, which can be shared and reused.</p>
<p>Will a metadata standard be used to make it easier to <b>find and reuse the data</b>?</p> <p>If so, please specify which metadata standard will be used. If not, please specify which metadata will be created to make the data easier to find and reuse.</p> <p><i>REPOSITORIES COULD ASK TO DELIVER METADATA IN A CERTAIN FORMAT, WITH SPECIFIED ONTOLOGIES AND VOCABULARIES, I.E. STANDARD LISTS WITH UNIQUE IDENTIFIERS.</i></p>	<p><input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No</p> <p>If yes, please specify (where appropriate per dataset or data type) which metadata standard will be used:</p> <p>For the data of the eCRF, the study-specific metadata in Redcap is used.  For the imaging data, metadata are included in the image headers in the original DICOM format.</p> <p>If no, please specify (where appropriate per dataset or data type) which metadata will be created:</p>

#### 4. Data Storage & Back-up during the Research Project

<p>Where will the data be stored?</p> <p><i>Consult the <a href="#">interactive KU Leuven storage guide</a> to find the most suitable storage solution for your data.</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Shared network drive (J-drive)</li> <li><input type="checkbox"/> Personal network drive (I-drive)</li> <li><input checked="" type="checkbox"/> OneDrive (KU Leuven)</li> <li><input type="checkbox"/> Sharepoint online</li> <li><input type="checkbox"/> Sharepoint on-premis</li> <li><input checked="" type="checkbox"/> Large Volume Storage</li> <li><input type="checkbox"/> Digital Vault</li> <li><input checked="" type="checkbox"/> Other:</li> </ul> <p>During the trial:</p> <p>PET/MR and PET/CT imaging data (and metadata) will be stored and archived on the principal's hospital's data drive.</p> <p>The backups of imaging data and eCRF data on external hard drives will be hardcoded protected and kept by the coordinating PhD student, under supervision of the project PI.</p> <p>The source documents on paper will be kept in a locked cabinet, inside a secured area. Data will be transferred to the eCRF in RedCap immediately (max. within 2 working days) at or after the visit.</p> <p>The (data) results of the blood and urine samples of all subjects are kept in the electronic health record of UZ Leuven (KWS).</p> <p>PET tracer synthesis data is stored in the GMP production-log of radiopharmacy. For purchased tracers, this will be stored in the local radiopharmacy purchase logs for [123I]-MIBG.</p> <p>After the trial:</p> <p>Pseudonymized data shall be stored in a secured location for up to 25 years after the end of the study (data on paper at KU/UZ Leuven, digital data in a secure and encrypted digital storage location at UZ Leuven, for imaging data: UZ Leuven PACS or the nuclear medicine's database MIM) except for external HD data and reconstructed data in the hospital's drive (for up to 10 years).</p>
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<p>How will the data be backed up?</p> <p><i>WHAT STORAGE AND BACKUP PROCEDURES WILL BE IN PLACE TO PREVENT DATA LOSS?</i></p>	<p><input checked="" type="checkbox"/> Standard back-up on UZ Leuven harddrives (see below).The UZ data drive is backed up automatically.</p> <p><input checked="" type="checkbox"/> Personal back-ups I make (specify)          PET/MR and PET/CT imaging data (and metadata) and eCRF data will be backed up offline on external hard drives that will be hardcoded protected and kept by the coordinating PhD student, under supervision of the project PI. After the PhD project these will be kept by the project PI.</p> <p><input type="checkbox"/> Other (specify)</p>
<p>Is there currently sufficient storage &amp; backup capacity during the project? If yes, specify concisely. If no or insufficient storage or backup capacities are available, then explain how this will be taken care of.</p>	<p><input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No</p> <p>Yes, sufficient storage capacity is provided on the UZ data drive. Furthermore, sufficient storage is foreseen for advanced data analyses.</p>
<p>How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?</p> <p><i>CLEARLY DESCRIBE THE MEASURES (IN TERMS OF PHYSICAL SECURITY, NETWORK SECURITY, AND SECURITY OF COMPUTER SYSTEMS AND FILES) THAT WILL BE TAKEN TO ENSURE THAT STORED AND TRANSFERRED DATA ARE SAFE.</i></p> <p><a href="#"><u>Guidance on security for research data</u></a></p>	<p>At UZ Leuven, a study specific folder in UZ Leuven called <code>//uz/data/NucleaireGeneeskunde/Studie/DATA AR/PET/_S67620</code> is accessible for members of the study team only. Non-pseudonymized data are stored in this protected subfolder of the “UZ Data” drive. All members of the study can read the files in this protected subfolder, but only authorized admins can write or delete in this folder. Data are coded in all subfolders of the study specific “UZ Data” except in the protected sub-folder. The key of pseudonymization is stored in the protected sub-folder containing the original data.</p> <p>The source documents on paper will be kept in a locked cabinet to which only study personnel has access. The eCRF is password- and two-factor authentication-protected.</p> <p>External HD back-ups are hardcoded protected and kept under supervision of the project PI.</p>

What are the expected costs for data storage and backup during the research project? How will these costs be covered?	Data storage on UZ data drive (10 TB and €300 per TB per year). This is covered by the department of Nuclear Medicine as general research agreement within the department.
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5. Data Preservation after the end of the Research Project	
Which data will be retained for at least five years (or longer, in agreement with other retention policies that are applicable) after the end of the project? In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...).	<input type="checkbox"/> All data will be preserved for 10 years according to KU Leuven RDM policy <input checked="" type="checkbox"/> All data will be preserved for 25 years according to CTC recommendations for clinical trials with medicinal products for human use and for clinical experiments on humans <input type="checkbox"/> Certain data cannot be kept for 10 years (explain)  Pseudonymized data shall be stored for up to 25 years after the end of the study, except for external backup HD data and processed data in the hospital's drive.
<a href="#">Guidance on data preservation</a>  Where will these data be archived (stored and curated for the long-term)?  <i><a href="#">Dedicated data repositories</a> are often the best place to preserve your data. Data not suitable for preservation in a repository can be stored using a KU Leuven storage solution, consult the <a href="#">interactive KU Leuven storage guide</a>.</i>	<input type="checkbox"/> KU Leuven RDR <input type="checkbox"/> Large Volume Storage (longterm for large volumes) <input type="checkbox"/> Shared network drive (J-drive) <input checked="" type="checkbox"/> Other (specify):  The anonymized image data will be archived in UZ Leuven PACS or the nuclear medicine's database MIM for 25 years; external backup HD data and processed data in the hospital's drive for 10 years.  The (data) results of the blood and urine samples of all subjects are kept in the electronic health record UZ Leuven (KWS) for minimum 25 years.
What are the expected costs for data preservation during the expected retention period? How will these costs be covered?	Data storage on UZ data drive (10 TB and €300 per TB per year). Standardized backup in BIDS format and only necessary intermediary data will be backed up. This is covered by the department of Nuclear Medicine as general research agreement within the department.

## 6. Data Sharing and Reuse

<p>Will the data (or part of the data) be made available for reuse after/during the project? Please explain per dataset or data type which data will be made available.</p> <p><i>NOTE THAT 'AVAILABLE' DOES NOT NECESSARILY MEAN THAT THE DATA SET BECOMES OPENLY AVAILABLE, CONDITIONS FOR ACCESS AND USE MAY APPLY. AVAILABILITY IN THIS QUESTION THUS ENTAILS BOTH OPEN &amp; RESTRICTED ACCESS. FOR MORE INFORMATION: <a href="https://wiki.surfnet.nl/display/STANDARDS/INFO-EU-REPO/#INFOEU-REPO-ACCESSRIGHTS">HTTPS://WIKI.SURFNET.NL/DISPLAY/STANDARDS/INFO-EU-REPO/#INFOEU-REPO-ACCESSRIGHTS</a></i></p>	<p> <input type="checkbox"/> Yes, as open data  <input type="checkbox"/> Yes, as embargoed data (temporary restriction)  <input checked="" type="checkbox"/> Yes, as restricted data (upon approval, or institutional access only)  <input type="checkbox"/> No (closed access)  <input type="checkbox"/> Other, please specify:         </p> <p>After project closure, pseudonymised image data, lab results, eCRF data and tracer data can be shared in databases eg. with other institutions or interested parties upon reasonable request (decision PI, in mutual consent with KU Leuven/LRD if non-academic). Clinical images will be pseudonymized as stipulated by the User Guide for GDPR with regards to Clinical Research at UZ Leuven.</p>
<p>If access is restricted, please specify who will be able to access the data and under what conditions.</p>	<p>Data may be re-used for other (multicentric) academic studies with the same topic as goal, upon reasonable request to the PI and after complete finalization of the study, also taking all needed ethical and possible contractual approvals into consideration.</p>
<p>Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)? Please explain per dataset or data type where appropriate.</p>	<p> <input type="checkbox"/> Yes, privacy aspects  <input type="checkbox"/> Yes, intellectual property rights  <input type="checkbox"/> Yes, ethical aspects  <input type="checkbox"/> Yes, aspects of dual use  <input type="checkbox"/> Yes, other  <input checked="" type="checkbox"/> No         </p> <p>If yes, please specify:</p>

<p>Where will the data be made available? If already known, please provide a repository per dataset or data type.</p>	<p><input checked="" type="checkbox"/> KU Leuven RDR  <input type="checkbox"/> Other data repository (specify)  <input type="checkbox"/> Other (specify)</p>
<p>When will the data be made available?</p>	<p><input type="checkbox"/> Upon publication of research results  <input type="checkbox"/> Specific date (specify)  <input checked="" type="checkbox"/> Other (specify)  Data can be made available if it is requested after complete finalization and publication submission of the study parts.</p>
<p>Which data usage licenses are you going to provide? If none, please explain why.</p> <p><i>A DATA USAGE LICENSE INDICATES WHETHER THE DATA CAN BE REUSED OR NOT AND UNDER WHAT CONDITIONS. IF NO LICENSE IS GRANTED, THE DATA ARE IN A GREY ZONE AND CANNOT BE LEGALLY REUSED. DO NOTE THAT YOU MAY ONLY RELEASE DATA UNDER A LICENSE CHOSEN BY YOURSELF IF IT DOES NOT ALREADY FALL UNDER ANOTHER LICENSE THAT MIGHT PROHIBIT THAT.</i></p> <p>Check the <a href="#">RDR guidance on licences</a> for data and software sources code or consult the <a href="#">License selector tool</a> to help you choose.</p>	<p><input type="checkbox"/> CC-BY 4.0 (data)  <input checked="" type="checkbox"/> Data Transfer Agreement (restricted data)  <input type="checkbox"/> MIT licence (code)  <input type="checkbox"/> GNU GPL-3.0 (code)  <input type="checkbox"/> Other (specify)</p>
<p>Do you intend to add a PID/DOI/accession number to your dataset(s)? If already available, please provide it here.</p> <p><i>INDICATE WHETHER YOU INTEND TO ADD A PERSISTENT AND UNIQUE IDENTIFIER IN ORDER TO IDENTIFY AND RETRIEVE THE DATA.</i></p>	<p><input type="checkbox"/> Yes, a PID will be added upon deposit in a data repository  <input type="checkbox"/> My dataset already has a PID  <input checked="" type="checkbox"/> No</p>
<p>What are the expected costs for data sharing? How will these costs be covered?</p>	<p>Data transfer, to be covered by the requesting party(-ies).</p>

7. Responsibilities	
Who will manage data documentation and metadata during the research project?	PI of the project prof. dr. K. Van Laere – PET manual in place including data access, storage and backup plan.
Who will manage data storage and backup during the research project?	PhD student coordinating the project Dr. L. Versweyveld, supervision by PI.
Who will manage data preservation and sharing?	PI of the project ( prof. dr. K. Van Laere)
Who will update and implement this DMP?	PhD student coordinating the project Dr. L. Versweyveld in collaboration with PI of the project ( prof. dr. K. Van Laere) for implementation