

## INFORMATION NOTICE AND INFORMED CONSENT

### CONTROLLED STUDY:

**Project Title:** Study on the discovery and selection of cells in 3D plant embryo datasets

**Main Researcher:** Tobias Isenberg, Directeur de Recherche at Inria, Saclay, France – [tobias.isenberg@inria.fr](mailto:tobias.isenberg@inria.fr)

**Research Location:** Online

**Research Goal:** The main purpose of this project is to design and investigate different techniques implemented to assist with the lineage working of plant biologists.

**What do we expect from you:** If you agree to participate in the study, you will first be asked to share your screen during the whole process. Then, you will be introduced to the different discovery and selection techniques and to the task of the experiment (traversal all cells and select its per-set sister). You will be asked to perform tasks with different techniques (three in total). Before the experiment of each condition, we will introduce you to the tasks to perform and the measures we take, and you will have training time to get familiar with them. You will be asked to fill in questionnaire after the experiment to give feedback on each technique. You are also encouraged to express your comments during the study. We will observe your actions and record audios as you perform your tasks with your permission. This experiment, including tasks and follow-up questionnaires will take approximately 60 minutes. You are free to take breaks at any time during the experiment.

**Your rights to withdraw from the experiment at any time:** Your participation in this experiment is entirely voluntary and you may stop at any time, without providing a reason and without penalty.

**Your rights to confidentially and privacy:** Your study data will be handled as confidentially as possible. If we have your permission, we may use some of the media recorded (photograph/audio) of you in different situations related to the research. The Media Records Release Form attached outlines several possible uses and asks for your specific consent to use these items in each way. For other measurements of the experiments including your performance and your qualitative feedback, we will not relate them with your identity information. We will make sure that non-identifiable information is contained before making them public on archive respiratory.

**Potential Benefits:** You will not be paid for taking part in this study.

**Risks and discomforts:** The research will not involve risks beyond these normally encountered by the participants in their life outside research.

**Publication:** This research will be published in a scientific journal or at a conference. The anonymized data will be made publicly available on an open science platform.

**Right to ask questions:** Please contact Tobias Isenberg ([tobias.isenberg@inria.fr](mailto:tobias.isenberg@inria.fr)) if you have any questions, complaints, suggestions or concerns about this research.

**Consent:** If you are over 18 years old, in good health, right-handed, able to use a mouse to control the computer, wish to participate in this study and agree to the information outlined above, please sign and date below. You will be given a copy of this consent form to keep.

Signature:

Date:

Place: