**Fall in love with single-cell RNA-Seq**

**Participant Form**

Name of Participant

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Age

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Role

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Institution and Department

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Email address

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Phone number

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**Title of the project**

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**Scientific Abstract (max 5000 characters; max 5 points)**

*Please describe the context of this research application.*

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**Expected outcome of the experiment (max 10000 characters; max 10 points)**

*Please provide a brief description on the expected analytical outcome from single-cell data and how this will impact your research. Expectations must be provided with evidence of some degree of feasibility and an objective analysis of potential risks. Risky experiments will be not evaluated negatively. Lack of risk analysis in front of challenging scenarios will be evaluated negatively.*

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**Cells condition (max 2000 characters; max 10 points)**

*Please provide a brief description on the preparation process and shipment methods that will be applied. Detailed explanation on how cells will be sent (or different options) will be evaluated positively.*

*Cells will be accepted in the following conditions:*

* *Methanol-fixed (preferred)*
* *Frozen (requires evidence that good viability is maintained after thawing)*
* *Live (personal delivery is recommended)*

*Please indicate how cells will be provided (fresh, frozen, methanol-fixed). Please consider the ability to recover high viability (>70%) after thawing or tissue dissociation depending on cell type. Do not consider shipment of cells (fresh or frozen) without tangible experience on their viability at described storage conditions. Methanol-fixation is the safest storage condition for standard currier shipment and ensures that cell conditions are stabilized at customer’s site. For methanol-fixed cells, the sample should be clean from debris and fixed with a high viability rate since no further cleaning is possible.*

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**Relevant publications (max 5 points)**

*Please provide a selection for maximum of five authored publications in the specific field of research. Previous experience or experiments with single-cell technology are not mandatory.*

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**Send this form in PDF format to** **info@igatechnology.com** **indicating *IGATech Contest 2020* as Subject before 6PM CET of the 31st of January 2021.**