Supplementary material Med Humanit

New-Media Arts Protocol to Use Stem Cells (NMAP-SC) Notes: The New-Media Arts Protocol to use Stem Cells (NMAP-SC) is a questions-template-based protocol designed by Dr. Diaa ahmedien, as an attempt to processes stem cell inside new-media arts labs worldwide. The mutual contributions between bio labs and new-media labs to Assumed period: promulgate the outputs of stem cells research is the core of this protocol, by which New-Media Art can provide a wide range of strategies to attract scientists into public engagement projects as well as it offers many approaches to integrate the public in a unified area with different stakeholders (politicians, policymakers, clinics, and industry) to participate directly in the process of science and thus learn more about the processes of scientific inquiry to get stem cells as open science. Any institution or research center can use this template-based protocol to New-Media Artist(s): build cooperation between a team of new-media artists and a team of biologists. Answering to all notes carefully is considered a significant precursor towards a successful stem cell-based public engagement project. Please send feedbacks regarding any suggested modifications or Stem cells Biologist(s): any other related issues to: diaa_mohammed@fae.helwan.edu.eg Initiatives from New-Media Artists **Initiatives from Biologists** Code of practices (New-Media Lab) Reconciliation processes towards a unified code of practice Pure line of stem cells research New-Media Lab Bio Lab Stem cells Code of practices (Bio Lab) Related material backpage**): (To be discussed with artists, and written by (To be discussed with stem cells biologists and written by new-media artists) stem cells biologists): For stem cells biologist: Which kind of stem cells will be used / Here, explain the proposed new-media art project and outline its impact you may expect to disseminate the xplain the impact you expect of proceeding your project / experiment (or a investigated in the main research project and all related main research project / experiment through its processes. part of it) within a New-Media art project as a platform for public engagement material used through the experiment? B 1: Please select all intended used material and attach A1: How likely will the proposed new-media art project Through your description, demonstrate the capacity of your project, through which the main research project/experiment all documents regarding cellular material used in this help to simplify related scientific concepts or technical can be interactively promulgated. terms of the research project? A1.1:Theoretical approaches: A1.2:Empirical approaches: B1.1: Embryonic stem cells..... Here, you may explain how Here, you may determine which likely will a potential theoretical part or step in your stem cells B1.2: Adult stem cells..... conceptual studies related to the project / experiment can be proposed new-Media art project opened to integrate the public through the proposed be able to simplify and B1.3: Induced pluripotent stem cells... concepts or technical terms of our stem cells research project B1.4: Other related material..... C3 Aesthetics: The outputs of the open sciences project: Conceptual frame: Strategies*: A2- Disseminate the research outputs in public: (to be written by both biologists and new-media artists together) Intended strategies to build the conceptualize the processes Interpreting the aesthetics Explain the outputs you may expect as a result of manipulating the outputs of the main proposed new-media art project. within media art theories values of the new bio system research project/experiments within the context of the new-media art project A1: Select one or more and attach A1: write about the conceptual aspects D1: Tell about the targeted stakeholders: A1: select the related aesthetic issue(s) that will be investigated by the and attach related document to clarify. purpose of using those techniques new-media art project. Building bio-lab,. Artifacts,. Insert more, simulation, Immateriality,. D2: Tell about the expected general impact: Gamification. Autonomous system,. A3- Transfer stem cells to New-Media arts lab for further processes Storytelling, Autobiotic aesthetics, A3.1:Export cellular material: Insert more,.. Insert more,..... **New-Media art project Outputs:** © All rights received by Dr. Diaa Ahmed Mohamed Ahmedien

Signature on behalf of the Bio Lab:

Signature on behalf of the New-Media arts Lab:



^{*}See the unlimited borders of the research areas in sciences of New-Media Arts and how likely is that you would use them to promote your stem cells research through a public engagement project it: http://mediaartresearch.org/search/thesaurus-hierarchical.html

^{**}See the unlimited potentials of using stem cells as a hyper biological material: https://stemcells.nih.gov/info/basics/1.htm