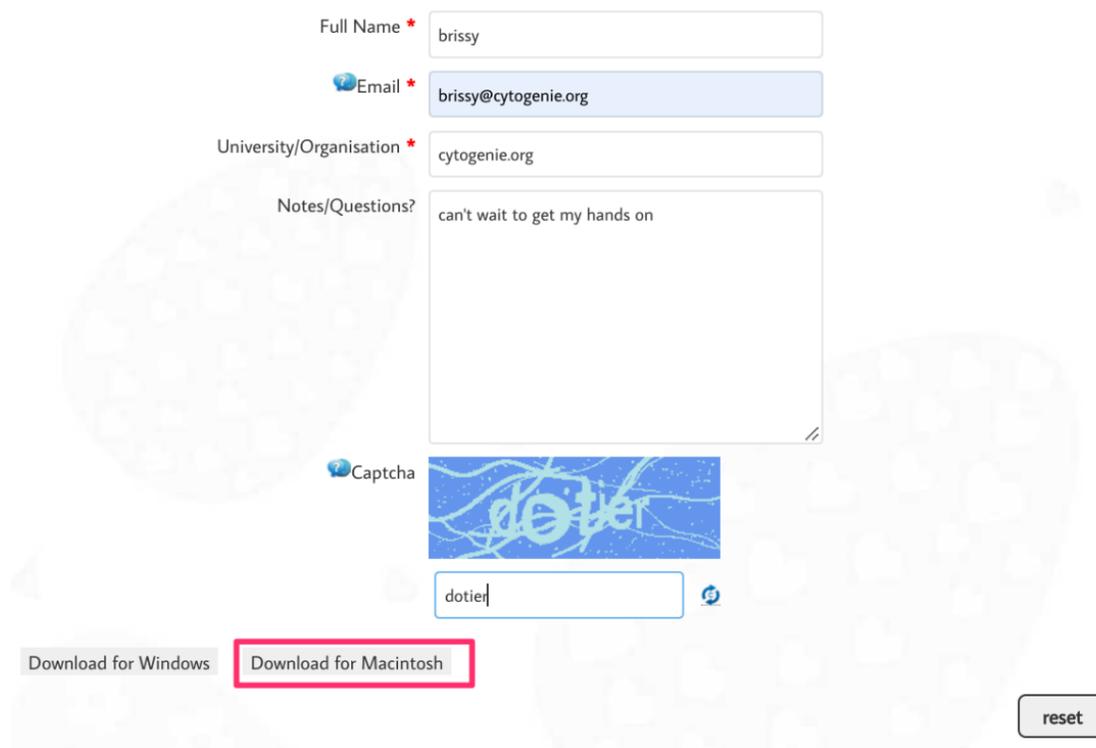


# AutoGate Installation guide for MAC OS

## 1. DOWNLOAD AUTOGATE

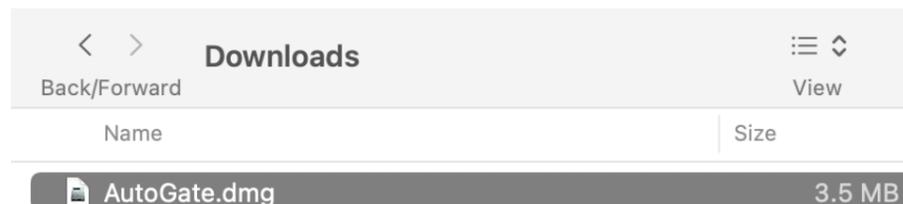
- 1) Open the download form - <http://cytogenie.org/contact-us/download-autogate> and complete the registration
- 2) Click **Download for Macintosh**



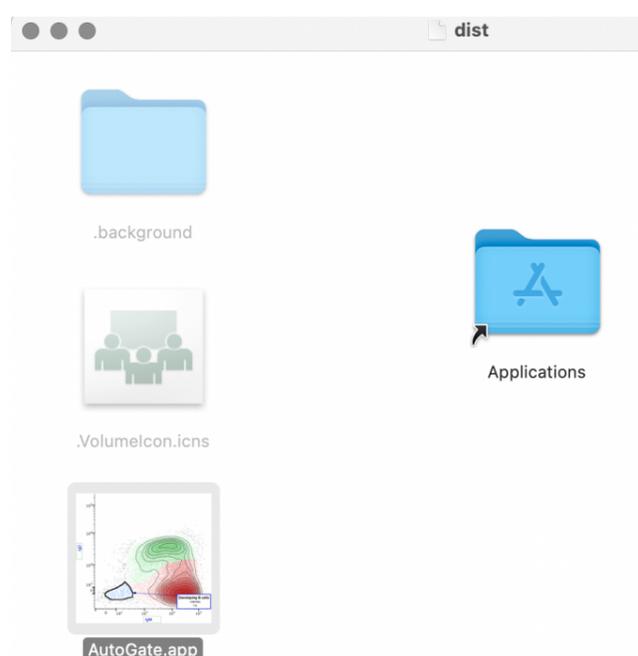
The screenshot shows a web form for downloading AutoGate. The form fields are: Full Name (brissy), Email (brissy@cytogenie.org), University/Organisation (cytogenie.org), and Notes/Questions? (can't wait to get my hands on). There is a Captcha image showing the word 'dotier' and a text input field containing 'dotier'. At the bottom, there are two buttons: 'Download for Windows' and 'Download for Macintosh', with the latter highlighted by a red box. A 'reset' button is also present.

## 2. LAUNCH AUTOGATE

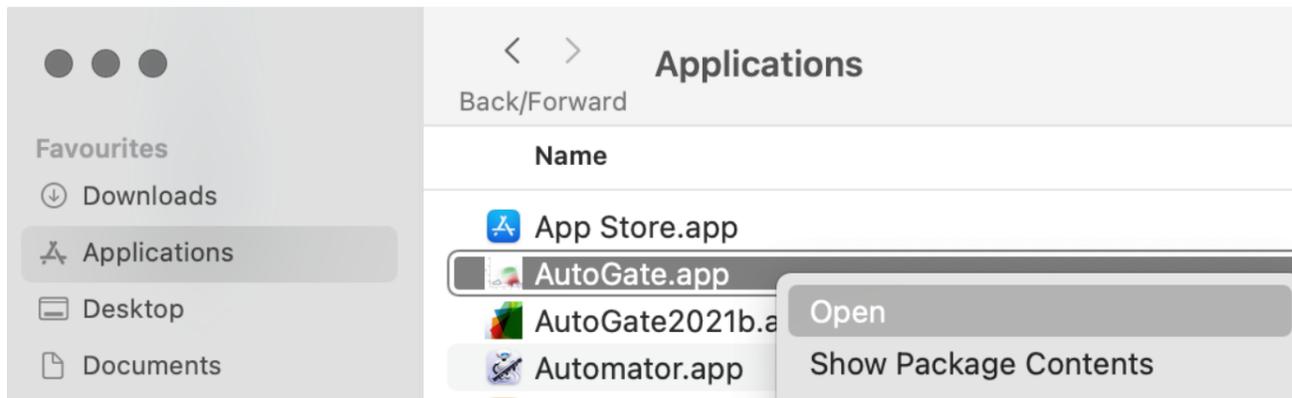
- 1) Once download is complete, open the download folder and double click (or right click > open) on **AutoGate.dmg**



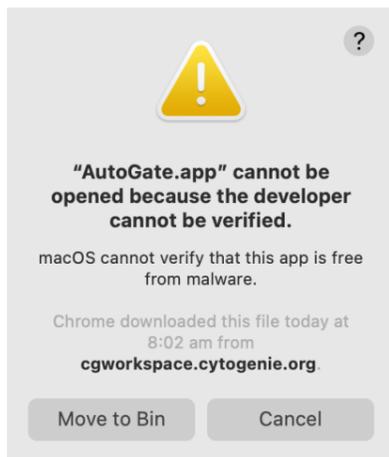
- 2) Drag **AutoGate.app** icon to **Applications** folder



3) From the **Finder** window, open **Applications** folder and right click on **AutoGate.app**. Click **Open**

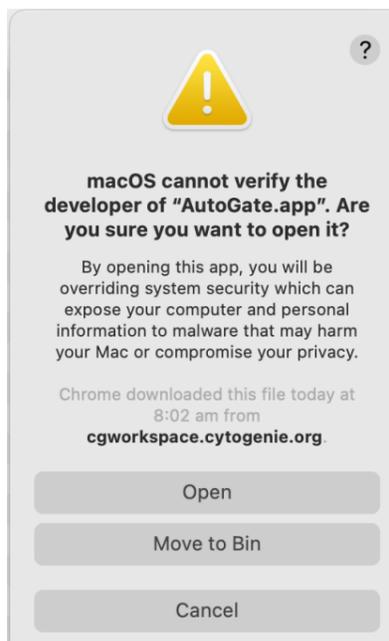


4) Click **Cancel** to the below



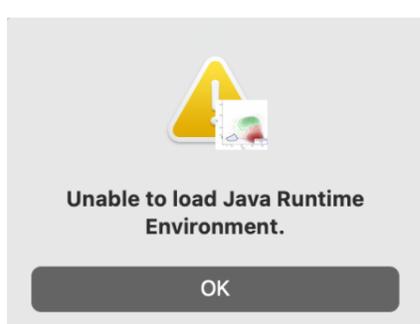
5) Right click on AutoGate.app and open again. This time, it comes with an additional choice.

Click **Open**



## 2.1 INSTALL JAVA

1) Alerts that Java Runtime, which is a dependency for AutoGate is not available. Click **OK** to the alert



- 2) Download Java from the oracle site here - <https://java.com/en/download/>
- 3) Open the .dmg file (e.g, jre-8u321-macosx-x64.dmg)
- 4) Click on the Java Update.app (in this instance, it is Java 8 Update 321.app) and click **Install**

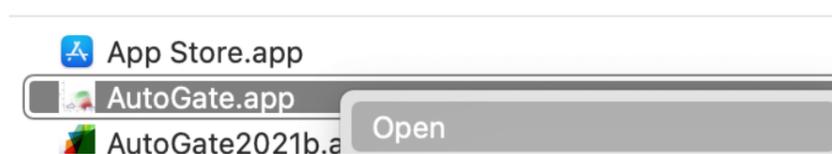


- 5) Java is successfully installed.

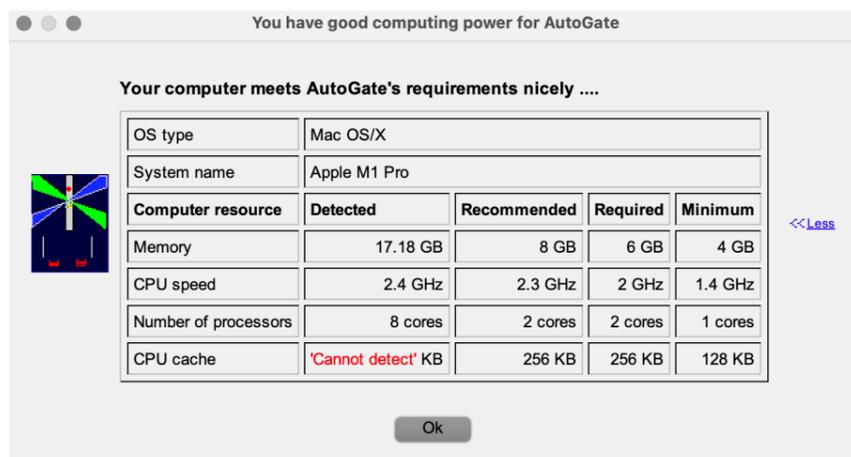


### 3. RE-LAUNCH AUTOGATE TO INSTALL MATLAB (IF NOT AVAILABLE)

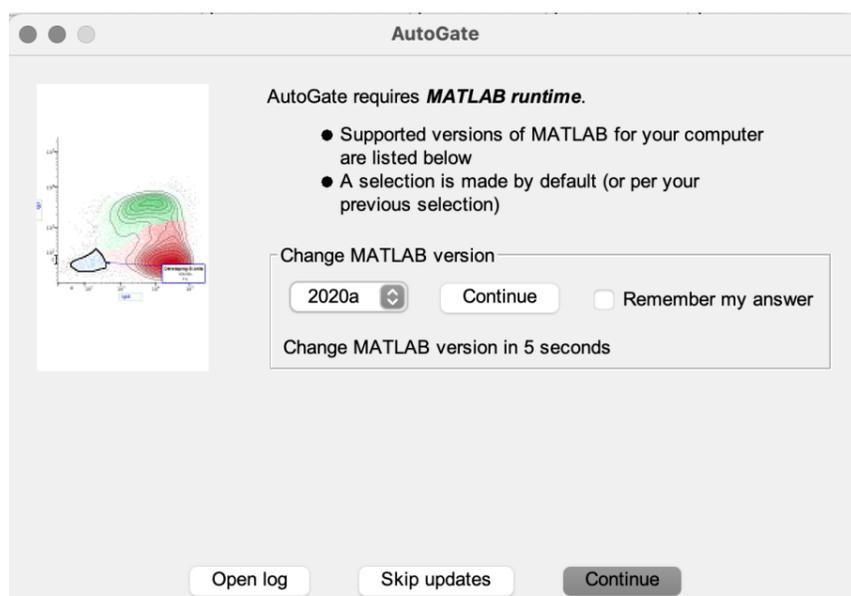
- 1) Again, open AutoGate.app from the Applications folder



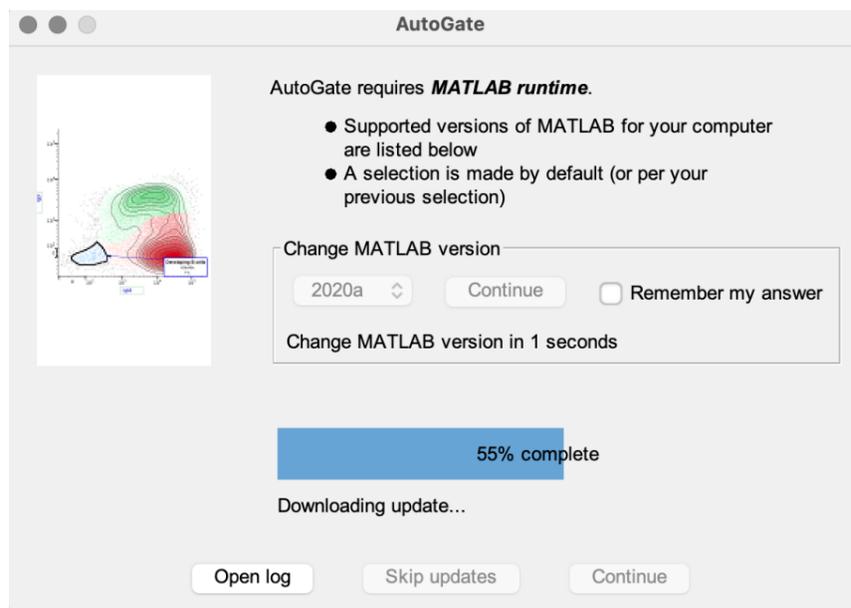
2) Checks for the system requirements.



3) Followed by a prompt to choose the MATLAB versions (2020a/2017a) that can be supported on your computer.

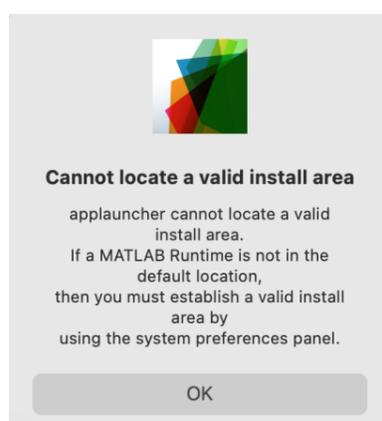


4) AutoGate will then download the latest version from cytogenie.org server



### 3.1 INSTALL MATLAB RUNTIME

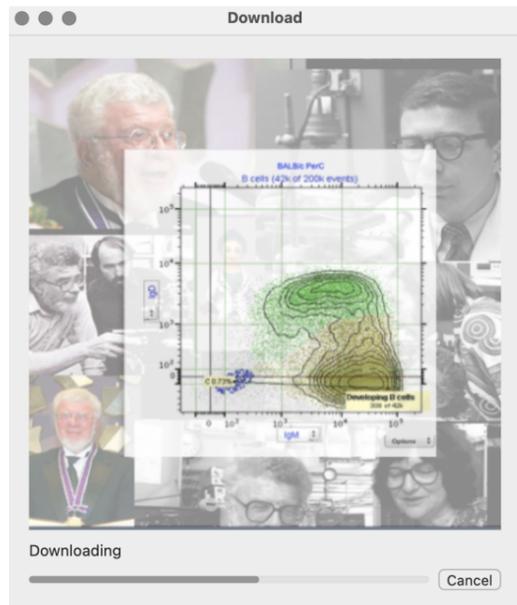
1) AutoGate will then check if MATLAB Compiler Runtime 2020a is available on your computer. If it isn't available, then the below alert is displayed. As this alert is from MATLAB, we don't have control over customizing the message. Click **OK**



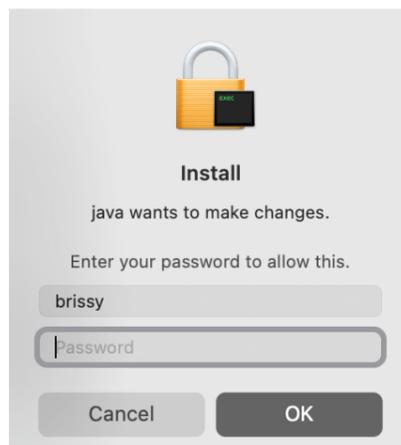
- 2) Followed by a reconfirmation from AutoGate that Matlab 2020a Runtime could not be detected and that it will attempt to install the software on your computer.



- 3) Click OK to download the Matlab installer



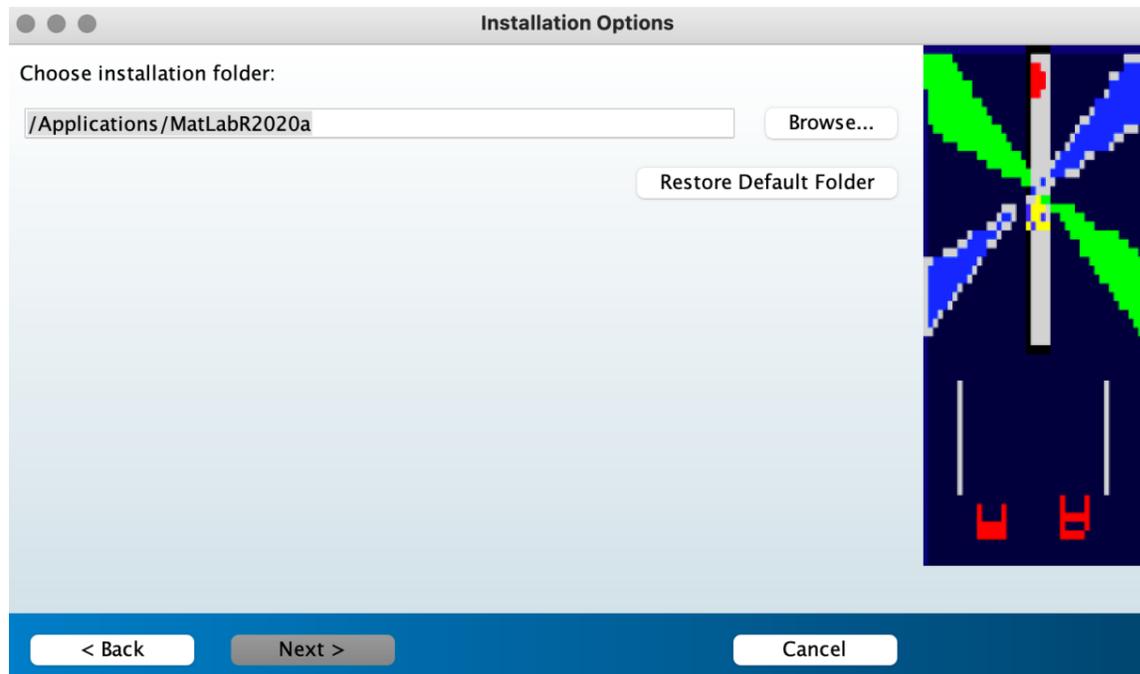
- 4) Enter admin credentials



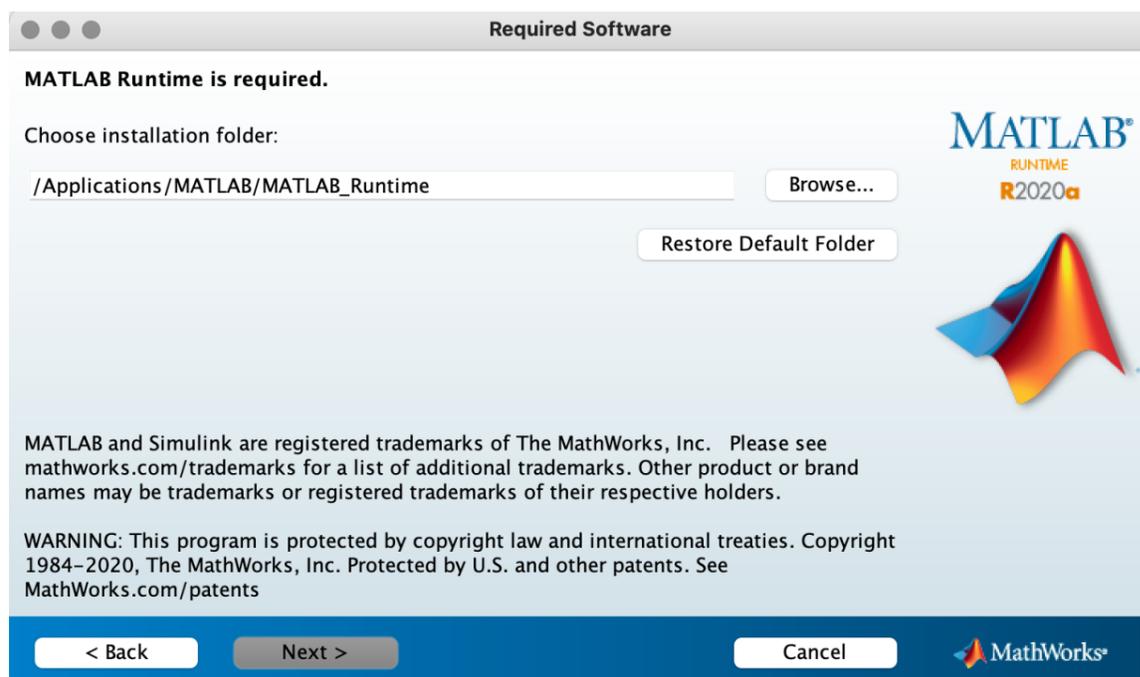
- 5) MATLAB Installer shows up. Click Next



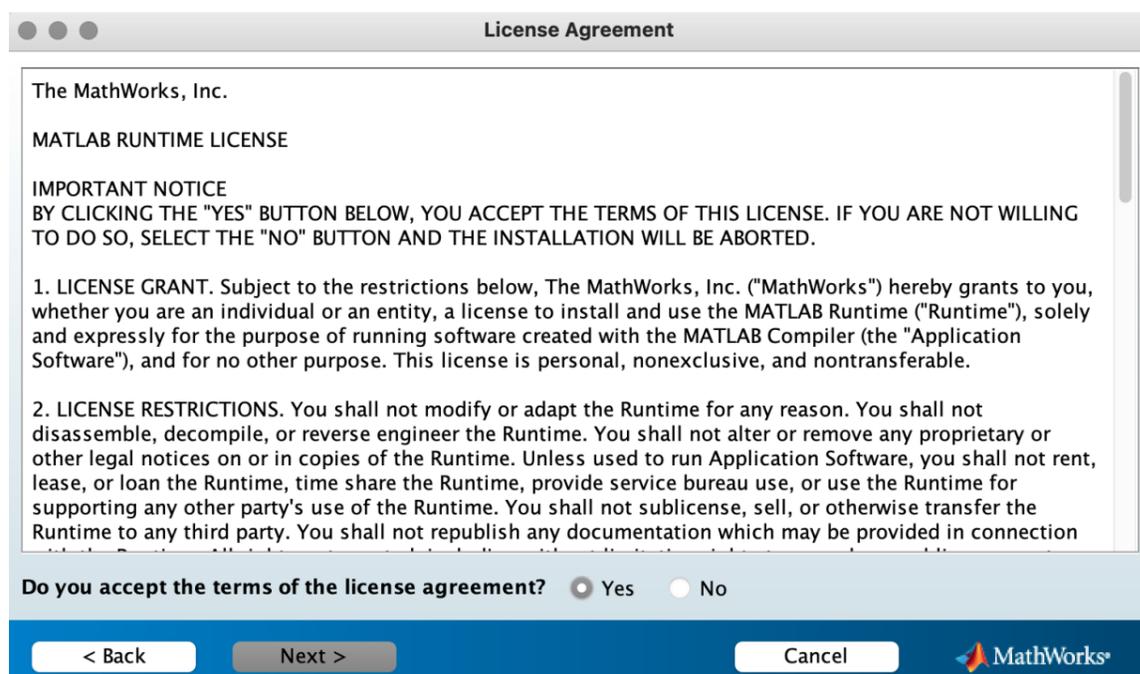
6) Choose or confirm the installation folder



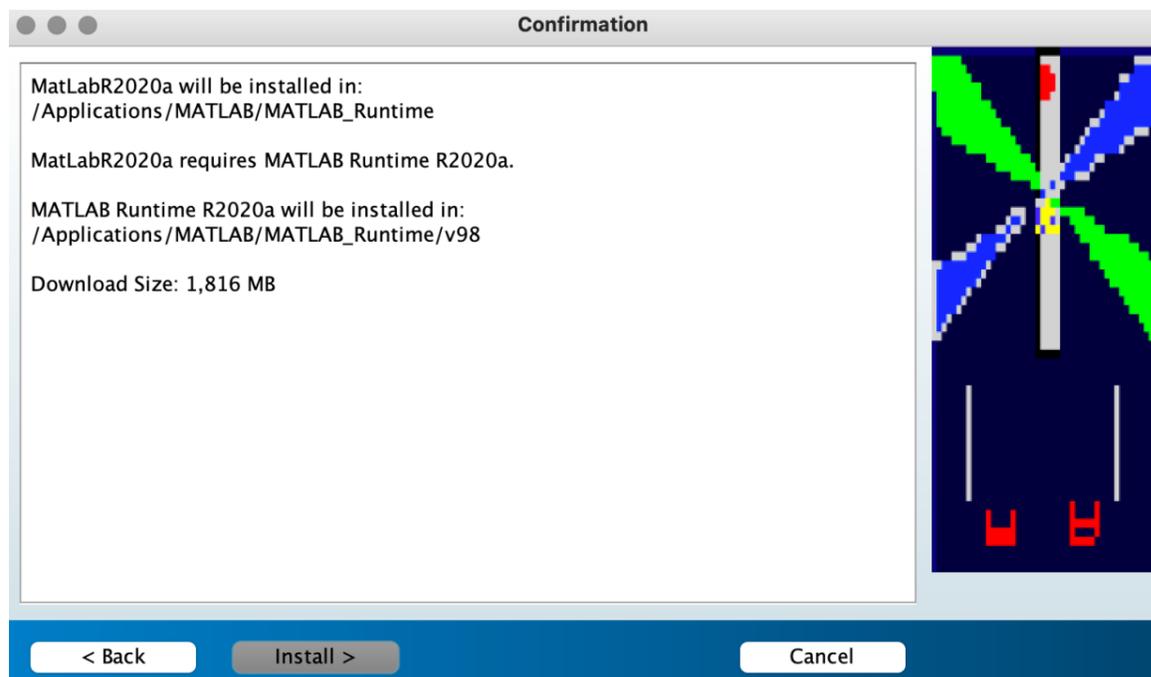
7) Re- confirm the installation folder



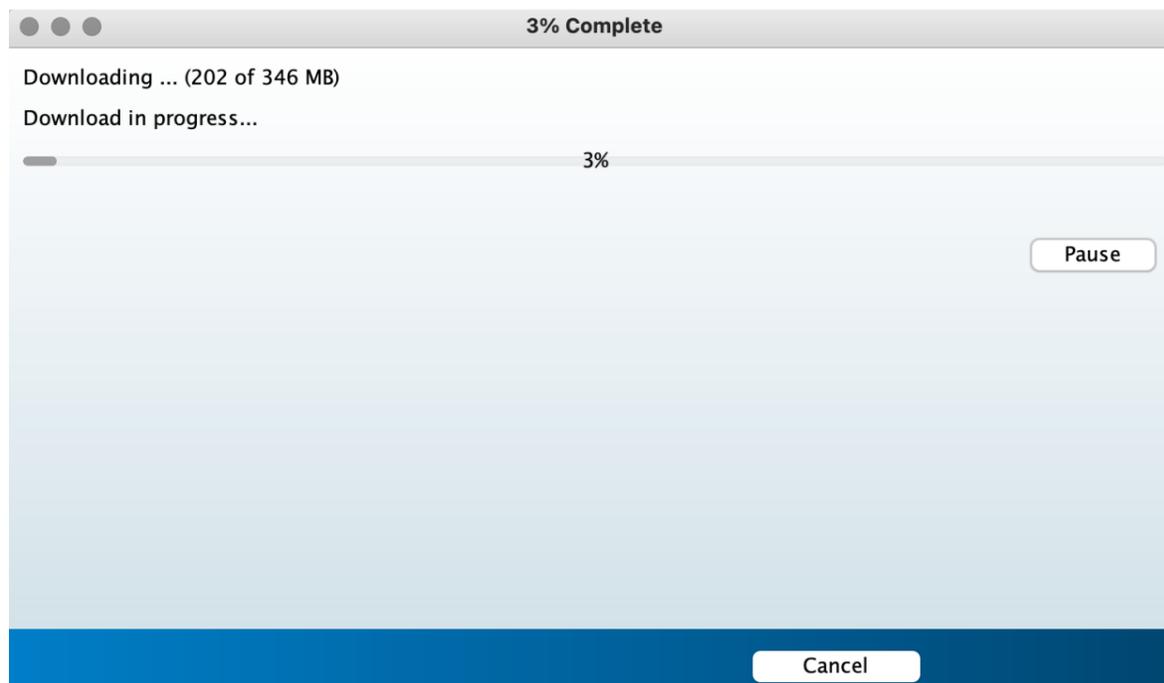
8) Say, yes to the license agreement



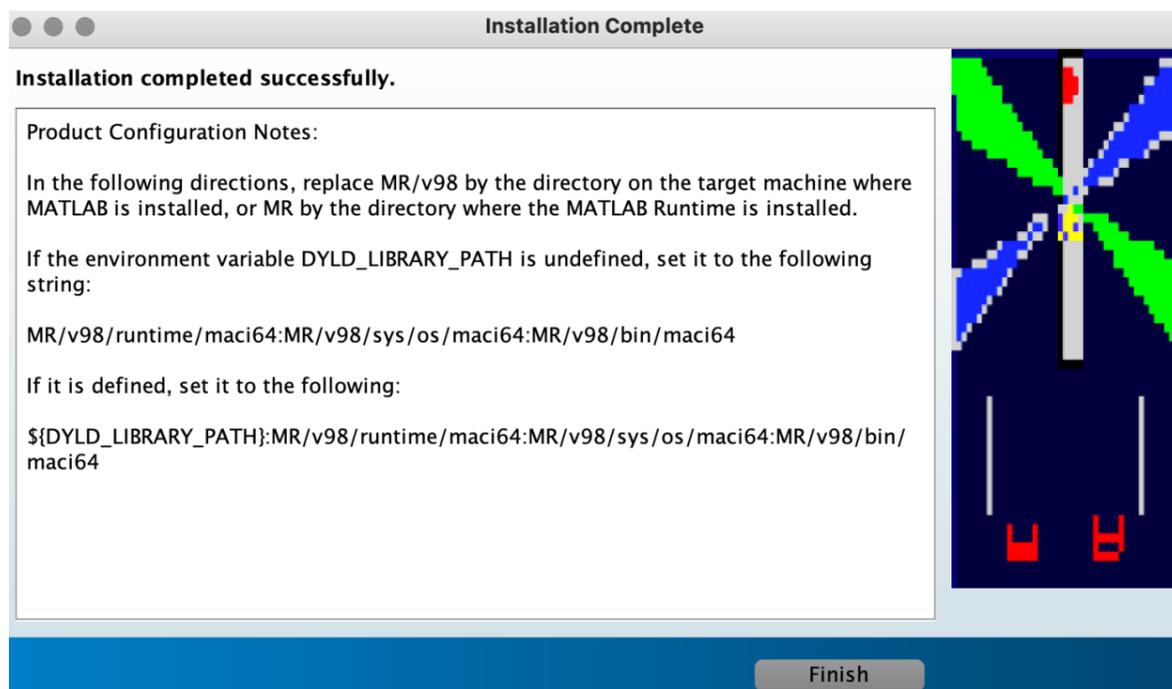
9) Confirmation on the selected locations. Click **Install**



10) Download in progress. Takes ~30 minutes to complete the download/installation.

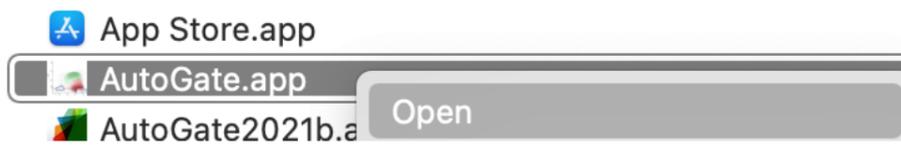


11) MATLAB Runtime successfully installed. Click **Finish**

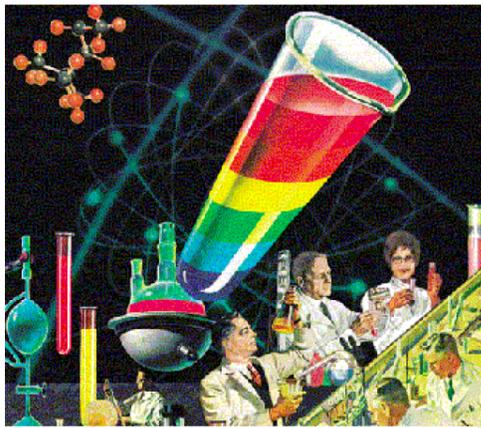


## 4. RE-LAUNCH AUTOGATE (FINAL STEP)

1) Again, open AutoGate.app from the Applications folder



2) Takes ~30 seconds to a minute before the **Loading AutoGate** window shows up. Subsequent launches will be faster.



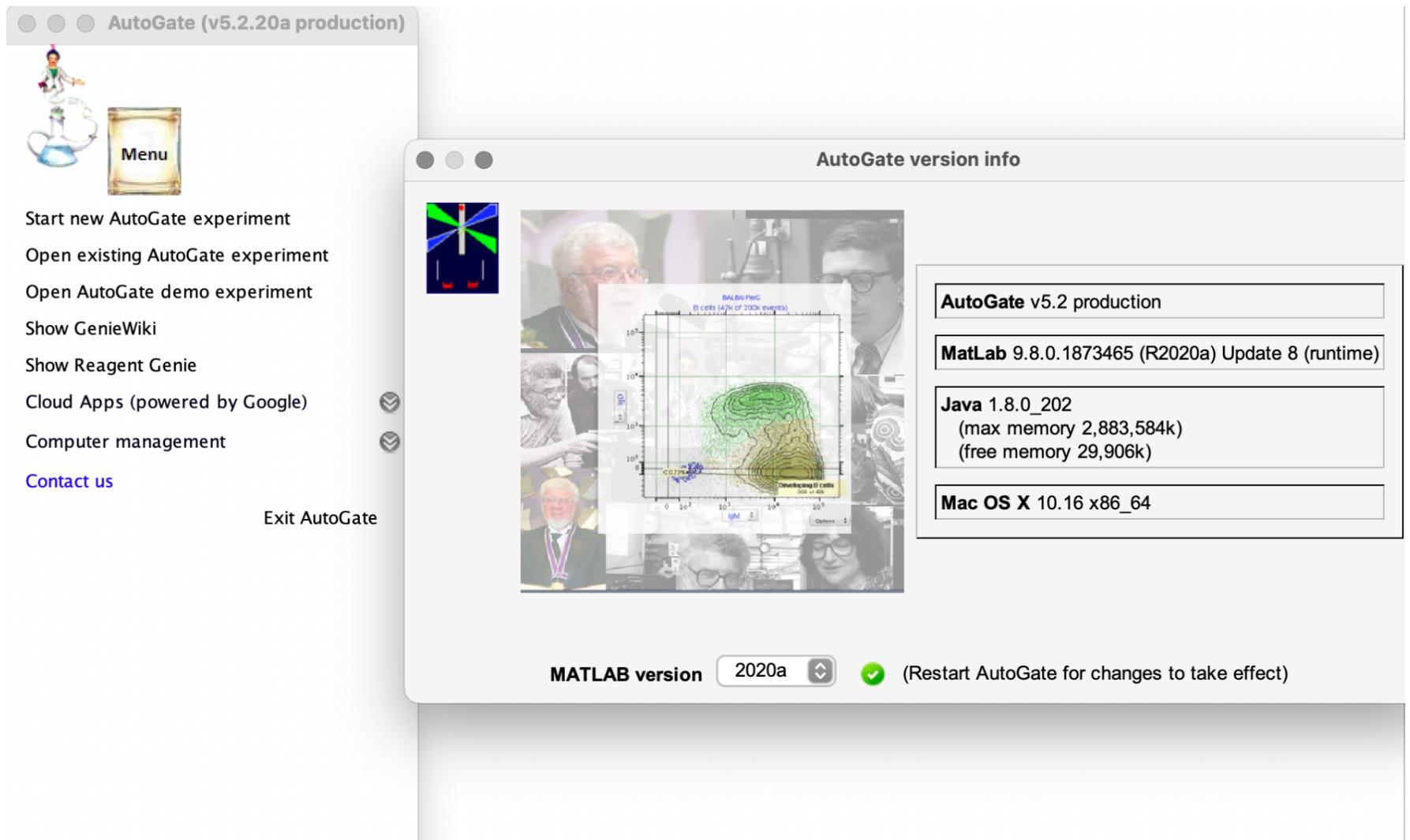
### Loading AutoGate...

An important prerequisite for studying the components of any biological system, be they the molecules in a cell or the cells in an organ is the ability to isolate those components from one another so that they can be characterized and re-combined under controlled conditions

Leonard Herzenberg

Version 5.2

3) AutoGate launched



AutoGate (v5.2.20a production)

Menu

- Start new AutoGate experiment
- Open existing AutoGate experiment
- Open AutoGate demo experiment
- Show GenieWiki
- Show Reagent Genie
- Cloud Apps (powered by Google)
- Computer management
- Contact us
- Exit AutoGate

AutoGate version info

**AutoGate v5.2 production**

**MatLab 9.8.0.1873465 (R2020a) Update 8 (runtime)**

**Java 1.8.0\_202**  
(max memory 2,883,584k)  
(free memory 29,906k)

**Mac OS X 10.16 x86\_64**

MATLAB version 2020a (Restart AutoGate for changes to take effect)