

## CancerGene Information -- Version 5 Updated 7/30/2007

The setup application installs CaGene5 and all associated files to a new folder on your C:\ drive called Care\_5. Running CG5\_Setup will not over write any existing installation or cagene.mdb databases.

IF YOU HAVE BEEN RUNNING A PRIOR VERSION OF CancerGene you should manually delete all shortcuts to your prior version application so that you do not inadvertently run an older version (this could corrupt input files that have been generated by the new version). In addition, it would be a good idea to delete everything in the prior version folders except the cagene.X.mdb database.

### What's New in CaGene5

The interface has been completely redesigned to improve usability. Unaffected relatives can be entered in seconds using shortcut keys without ever touching the mouse. You can set all of the parameters that contribute to the BayesMendel Models (BRCAPRO, MMRpro, pancPRO). Breast cancer biomarker data can contribute to the BRCAPRO calculation. Click on Info/Using CancerGene for more information on setting parameters and other functionality.

IF YOU HAVE DATA IN A PRIOR VERSION 3 or 4 cagene.mdb database, you can transfer it to the cagene5.mdb database (with updated calculations) with a click of a button.

Thank-you for your interest in CancerGene with BRCAPRO. This program is provided "as is" without warranty of any kind. Two programs will be installed: CancerGene, the graphical interface for the BayesMendel models and Gail.exe, our Gail model program. We have used the more recent SEER 1992-1994 and 1995 U.S. mortality data to construct our Gail model so the outputs will differ slightly from those generated by the risk disk provided by NCI/NSABP.

### System Requirements

This program is designed to run with Window2000 and higher including Windows NT and Windows XP. It has not been tested with Windows Vista. Pedigree-drawing and model calculations are processor-intensive. The program runs best on newer, faster machines. It will not run on Macintosh as is, but some MacIntosh users have run CancerGene successfully using PC emulation software. The program includes a Microsoft Access database which is very useful for saving and accessing your pedigree and probability information. You must have Microsoft Access installed on your computer to take advantage of this function. If you do not have Microsoft Access you can still use CancerGene. Your pedigree information will be saved to a new folder on

your C:\ drive called "brca" which the program will create for you automatically. PLEASE BE AWARE THAT IF YOU RUN A FAMILY WITH THE SAME LAST NAME AS A PRIOR FAMILY CANCERGENE WILL OVERWRITE THE EXISTING PEDIGREE INFORMATION IN C:\BRCA.

#### Installing the Software

CG5\_Setup.exe must be saved to your C:\ drive. Open Windows Explorer or My Computer and double click CG5\_Setup.exe to install the software. Alternatively, click Start/Run and then browse to the setup file to run it. It is strongly recommended that you accept all default options during the install. All of the files you need to run CancerGene will be installed in a new folder called "Care\_5" (CAncer Risk Evaluation). A new program group should be created so that you can access CancerGene by clicking on the "Start" button and selecting "Care\_5" from the "Program" menu. If the new program group is not created automatically, you can do it manually using the "Taskbar & Start Menu" found in the "Settings" option accessed by clicking the Windows "Start" button.

#### Using the Program

The first time you run the program click on the "Info" button on the start-up screen. This will lead to screens with extensive information about this version of CancerGene.

Some users have been interested in generating CancerGene input files from their own family history databases. A document called "InputFiles5" is installed in C:\Care\_5 when CancerGene is installed. This document describes the format of the CancerGene input file.

In order to save files to the database you must have Microsoft Access installed on your computer. The install routine should automatically configure your MS Access ODBC driver to establish communication with the database. If you have Microsoft Access installed and see an error message displayed in the "CaGene Database Files" window after you click "Load File" you will have to configure your ODBC driver manually as follows:

Open the control panel by selecting "Settings" after clicking the "Start" button.

Double click "32bit ODBC"

Select "Add"

Select Microsoft Access Driver (\*.mdb)

Select "Finish"

Type cagene5 in the Data Source Name file.

Click the "Select" button and then use the browser that appears to select cagene5.mdb in the "Care\_5" folder.

Click "OK"

I am always happy to hear from users. You can contact me at:  
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