

Professional Development Registration Form

Introduction to Microarray Technology Presented by PFGRC



COURSE DATE _____

(course dates can be found at www.jcvi.org/ProDev)

CONTACT INFORMATION (please print clearly)

First Name	M. I.	Last Name	Badge Name
Title	Department	Company/University	
Daytime Phone Number	Fax Number	Email Address	
Mailing Address	City	State	Zip Code

COURSE DESCRIPTION

Introduction to Microarray Technology will be held on the JCVI campus. This course will provide an overview of the two-dye spotted microarray platform. The course is designed for hands on participation and attendees will actively learn to make the most of their microarrays through a combination of wet lab and bioinformatics sessions.

The wet lab portion will be taught by PFGRC staff who are directly involved in microarray production. Participants will be guided through probe preparation and hybridization protocols. The training will also consist of detailed discussions on dye coupling, slide pre-hybridization, hybridization, and scanning techniques. Other topics for discussion will include the importance of assessing source material and probe quality, comparisons of various slide surfaces, and printing techniques.

The bioinformatics portion of the course covers an introduction to the stages of microarray data analysis. Major topics include data management, image analysis, normalization, and data mining. Fundamental data analysis concepts will be taught using a mix of lectures and interactive hands-on sessions. Participants will analyze the microarrays they prepared, using the open-source TM4 software suite while working closely with the software developers. CDs containing microarray datasets and the TM4 suite will be provided.

COURSE REGISTRATION

There are no registration or course fees, but participants are expected to provide their own transportation and lodging. Confirmation letters will be sent to the selected participants; these letters will include directions and a list of suggested hotels convenient to the JCVI campus.

Please print this form and fax to 301-795-7055 or mail both pages to:

Lisa A. McDonald, MBA
Education Director
J. Craig Venter Institute
9704 Medical Center Drive
Rockville, MD 20850

Phone: 301-795-7394

J. CRAIG VENTER INSTITUTE (JCVI), WAIVER AND RELEASE OF LIABILITY AGREEMENT

1. Voluntary Participation. I acknowledge that I have voluntarily agreed to participate in trainings, meetings, and/or activities ("JCVI Event") to be conducted in the scientific laboratories and/or facilities at the Rockville, Maryland site of J. Craig Venter Institute. I understand that the nature of the JCVI event may involve the use and/or handling of sensitive scientific equipment, and/or JCVI computers.

2. Identification of Risks. I acknowledge that participation in any JCVI Event may involve risk of injury, property damage, and other losses to me and my property. I understand that these injuries and losses may result from my actions or the actions, inactions, or negligence of others.

3. Photographic Likeness. I agree to allow JCVI to take and utilize photographs and/or video images of me for the purposes of promotion, illustration, advertising, and publicizing of the JCVI Event.

4. Assumption of Risk. I agree to follow all directions and instructions from JCVI personnel/employees during the course of any JCVI Event. I agree that I am responsible for my safety while participating in the JCVI Event. I agree to use JCVI's computers, if necessary, in full compliance with all applicable federal, state, and local laws including but not limited to export control regulations. I agree not to use JCVI's computers for the transmission of material that is defamatory, offensive, abusive, obscene, or threatening. If participation in any JCVI Event and/or use of JCVI's computers involves the risk of injury to me and/or my property, I understand that the injuries and losses might result not only from my actions, but the actions, inactions, or negligence of others. I agree to accept any and all risks of injury or loss associated with my participation in the JCVI Event, including the use of JCVI's computers.

5. Waiver and Release. As consideration for being permitted by JCVI to participate in the JCVI Event and to use facilities and equipment furnished by JCVI, I agree that my heirs, assigns, relatives and next of kin, beneficiaries, guardians, representatives and I hereby waive, release, and hold harmless JCVI and its affiliated organizations and their officers, directors, employees, agents, and contractors ("Released Parties") from all actions, claims, or demands that I, my heirs, relatives and next of kin, beneficiaries, guardians, representatives now have or may hereafter have for injuries, losses, damages, liabilities, judgments, costs and reasonable attorneys' fees and expenses of any kind or nature arising from or related to my participation in the JCVI Event, including the use of photographs and/or video images of me and/or the use of JCVI computers, except where caused by the gross negligence or willful or wanton misconduct of the Released Parties.

I acknowledge that all parties herein and otherwise are materially relying on this waiver and are allowing me to engage in the JCVI Event.

6. Refusal of Admittance. As a participant in the JCVI Event, I agree that JCVI has the absolute right to refuse me admittance to the JCVI Event or to ask me to leave the scientific laboratories and/or facilities of JCVI at any time for any reason, at JCVI's sole discretion.

7. Applicable Law. This waiver and release is formed under and is to be interpreted consistent with the laws of the State of Maryland.

I hereby acknowledge that I carefully read this waiver and release and fully understand its contents. I am aware that this waiver and release includes an assumption of the risk and releases the Released Parties from liability. I am signing this document of my own free will and hereby indicate my understanding and consent by signing below.

Participant Signature

Witness

Participant Printed Name

Date

Please print this form and fax 301-795-7055 or mail to:

J. Craig Venter Institute | Education and Training | 9704 Medical Center Drive | Rockville, MD 20850

QUESTIONS?

Phone: 301-795-7394

Email: training@jcvl.org