

**Reservations**

To make a reservation please fax this form to the Department of Physiology and Biophysics office at (502)852-6239

Or send it by email to: [gustavo@louisville.edu](mailto:gustavo@louisville.edu)

Please make a reservation for me to take the *Basic Microsurgery Course in 2010*, the weeks of (circle one): **February 15-19 and 22-26**

**September 13-17 and 20-24**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Country \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

e-mail \_\_\_\_\_

Fax this form to  
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500 S. Preston St. Building A,  
1115 Louisville, KY 40292 USA

**Fax: 1 502-852-6239**

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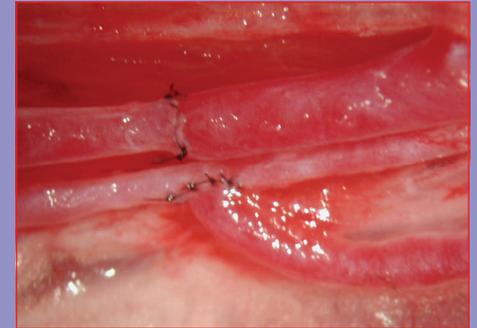
**Irving G. Joshua, Ph.D.**  
**Professor and Chair**  
Department of Physiology and Biophysics  
School of Medicine  
University of Louisville  
Louisville, Kentucky USA



**Louisville, USA**  
**Frankfurt am Main, Germany**

**The Louisville  
Microsurgery Teaching  
Course**

**Frankfurt am Main  
Germany**



**GUSTAVO PEREZ-ABADIA, M.D.**  
**DIRECTOR/INSTRUCTOR**

**JOHANNES FRANK, M.D., Ph.D.**  
**CO-DIRECTOR**

**ROBERT D. ACLAND, F.R.C.S.**  
**CONSULTANT**

**Phone: 1 502-852-6229**



Louisville, Kentucky, USA



Frankfurt am Main, Germany

### **OUR COURSE**

The five-day course in basic *microsurgical techniques* is held in the Central Research Facility at the Klinikum der Johann Wolfgang Goethe University, Frankfurt am Main, Germany. Directed by Dr. med. vet. Alf Thesien, and vet. Christa Tandi, manager of the facility. The course runs from 9:00 a.m. to 4:00 p.m., Monday through Friday. The microsurgery laboratory accommodates a maximum of five trainees at a time.



This intensive hands-on course was initially conceived for the complete beginner in microsurgery. Its flexibility makes it

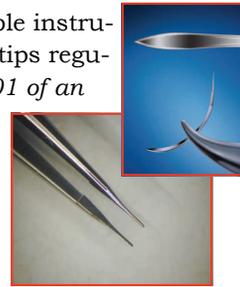
equally valuable for individuals who have had some previous training, but who want to make a new beginning in order to strengthen and upgrade their skills. The stated purpose of the course is *“to lay the foundations of the principal skills that make up good microsurgical technique”*. These skills include not only the central details of *comfort and peace of mind; the consistent use of proper hand position; the efficient use of microsurgical equipment; and a disciplined, step-by-step approach to the preparatory aspects of the surgical procedure.*



### **OUR EQUIPMENT**

All the equipment used in our laboratory is of the very best quality from **S&T AG company**. We use high-grade microsuture with clinical quality needles.

We use the finest available instruments and readjust their tips regularly to an accuracy of *.001 of an inch*. Any imperfect instrument is immediately replaced. Each trainee has the undivided use throughout the week of the latest **Zeiss OPMI VARIO/S88** and the unique **OPMI® PEN-TERO™** clinical operating microscopes, having two-man capability to allow one-on-one instruction.

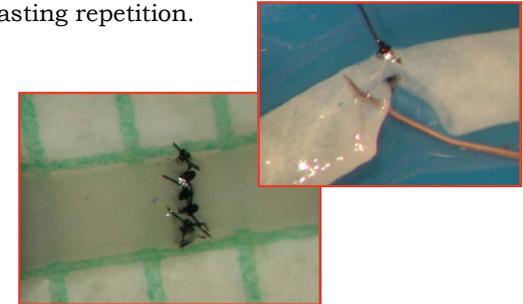


### **OUR TEACHING**

We have two means of teaching: *by DVD and by direct one-on-one instructions*. Our sets of highly detailed and systematic DVDs are viewed for all trainees together at the same place. The student can go and watch any particular part of the technique at any time during the course. As the week progresses, each trainee takes further instructions at his or her own pace. The usual rate of progression is that after an initial day of basic suture exercises on a non-living practice model, we progress to rat femoral artery anastomosis. When this has been mastered fully, we go on to vein anastomosis, then interpositional vein



grafting. More advanced exercises, not always reached in an initial week, include end-to-side, continuous suture, and one-way-up anastomosis. We firmly stress the importance of learning one thing solidly before progressing to the next, but we avoid slavish and time-wasting repetition.



The DVD instruction is strongly augmented by the Lab's permanent instructor Gustavo Perez-Abadia. Dr. Perez-Abadia is a Pediatric Surgeon from Argentina, who has worked at the University of Louisville for fourteen years, first in the Division of Plastic and Reconstructive Surgery Research (Department of Surgery) and then in the Department of Physiology & Biophysics. Dr. Perez-Abadia has been doing microsurgery for the last 10 years. He is a skilled microsurgeon, and a patient teacher. His background as researcher gives him expertise in animal management. He has a keen eye for special difficulties and a gentle way of helping each individual do better. Trainees who make good progress need only a little one-on-one instruction, but any trainee experiencing special problems or frustrations will receive a generous amount of Dr. Perez-Abadia's time and attention.