3rd Annual International Certificate Program
May 8 - May 14, 2011 • Siracusa, Italy

Concepts and Components of Translational Medicine
Intellectual Property-Protection and Development
Spotlight on Public Versus Private Funding Publication
Regulatory Issues Research Ethics Data Management and Statistics
Strategies Perspectives: Academia and Industry Transforming
Basic Research into Leads Clinical Trial Design
Managing Research Groups Perspectives: International Issues
Animal Models From Global Diagnoses to Individualized Care

We’ll examine case studies, and help you develop creative problem solving strategies and novel skills to build new kinds of teams. You’ll hone your ability to communicate effectively across broad audiences. Learner-centered discussions and mentoring by internationally recognized leaders create an individualized program. Skills garnered from this course will help participants to address the challenges facing drug development today, and bridge the divide between concept and patient.

Our mission is to develop a community of translational medicine professionals equipped to catalyze the application of discoveries for the benefit of human health.

To apply, visit:
www.eurekainstitute.org
Or Email: info@eurekainstitute.org
2011 Faculty Roster

Salvatore Albani, M.D., Ph.D., Professor and Director, Translational Medicine, Infectious and Inflammatory Diseases, Sanford-Burnham Medical Research Institute

Dirk Elewaut, M.D., Ph.D., Professor of Rheumatology and Immunology; Head, Laboratory for Molecular Immunology and Inflammation; Division of Rheumatology, a EULAR and FOCIS Center of Excellence; Ghent University Hospital

Luca Guidotti, M.D., Ph.D., Director, Diabetes Research Institute, Head Immunopathogenesis of Liver Infections Unit, San Raffaele Scientific Institute; Associate Professor, Department of Immunology & Microbial Sciences, The Scripps Research Institute

David Hafler, M.D., Ph.D., Chief and Chair of Neurology, Yale New Haven Hospital and Yale School of Medicine

Janet Hafler, Ed.D., Assistant Dean for Educational Scholarship, Yale School of Medicine

Carol Gregorio, Ph.D., Professor of Cell Biology and Anatomy, and Molecular and Cellular Biology; Member, BIO5 Institute; Director, Molecular Cardiovascular Research Program; Co-Director, Sarver Heart Center, The University of Arizona

Matthias von Herrath, M.D., Ph.D., full Member in the Division of Developmental Immunology, La Jolla Institute for Allergy and Immunology

Juan Carlos Lopez, Ph.D., Editor-in-Chief, Nature Medicine

Paul Krieg, Ph.D., Professor of Cell Biology and Anatomy and Molecular and Cellular Biology, The University of Arizona

Alberto Martini, M.D., Ph.D., Professor of Pediatrics and Chairman, Department of Pediatrics, University of Genoa; Director Pediatria II, IRCCS G Gaslini, Genoa, Italy; Chairman of the Pediatric Rheumatology International Trial Organization (PRINTO)

Martin Offringa, M.D., Ph.D., Professor and Head, Department of Pediatric Clinical Epidemiology, Academic Medical Center, University of Amsterdam; Chair, International Forum for Standards for Research with Children www.STaRChildHealth.org

Berent Prakken, M.D., Ph.D., Professor of Pediatric Immunology at the University Medical Centre Utrecht, the Netherlands; Chair, EULAR

Maria Grazia Roncarolo, M.D., Ph.D., Scientific Director, San Raffaele Scientific Institute; Professor of Pediatrics, School of Medicine and Surgery, San Raffaele Vita-Salute University; Chief of Clinic, Pediatric Immunology and Hematology and Clinical Research Unit (CRU-P) San Raffaele Hospital and San Raffaele Scientific Institute, Milan, Italy

Norm Rosenblum, M.D., Professor of Paediatrics, Canada Research Chair in Developmental Nephrology, and Associate Dean, Physician Scientist Training, University of Toronto

Vicki Seyfert-Margolis, Ph.D., Food and Drug Administration

Invited Keynote Speakers

Wainwright Fishburn, J.D., Partner, Cooley Godward Kronish LLP

Jonathan Knowles, M.D., Ph.D., Head of Group Research and member of the Corporate Executive Committee of Roche

Jim Witter, M.D., Ph.D., National Institute of Arthritis and Musculoskeletal and Skin Diseases, NIH
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<td><strong>Welcome and Introductions.</strong></td>
<td><strong>Off Site Team Building.</strong></td>
<td><strong>Coffee, informal discussion.</strong></td>
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<td>J. Hafler (1h)</td>
<td>Pick up at 8:30 am in Piazza Archimede.</td>
<td><strong>Debriefing</strong></td>
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<td><strong>Mapping translational medicine.</strong> Prakken and Albani will frame the week, the objectives of the course, and discuss what translational medicine (TM) means.</td>
<td><strong>Return to Ortigia Break</strong></td>
<td><strong>Group dynamics.</strong> Hafler will discuss the team building exercise from the previous day and role of the journals. J. Hafler (1h)</td>
<td><strong>In print: the mysteries of publication.</strong> This session will explore the publication process from an editor’s perspective, and also how this ties into good research practices. J.C. Lopez, D. Hafler (30m talk / 30m Q&amp;A)</td>
<td><strong>Funding translational medicine-public and private money.</strong> The panel will discuss funding sources, decision-making processes and trends from three perspectives. I. Lether, JC Lopez (20m each / 20m Q&amp;A)</td>
<td><strong>Presentation Workshop.</strong> Participants will give a 5 minute presentation. Peers and faculty will critique the presentation, and the presenter will self-evaluate. Participants will receive instructions and guidance in advance of May. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
<td><strong>Unfolding case study.</strong> Prakken and Albani will meet one-on-one with core faculty on various hot topics identified during the week (1h)</td>
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<td><strong>Case Study Method.</strong> Hafler will contextualize case-based learning and discuss some approaches to be applied throughout the week. J. Hafler (30m)</td>
<td><strong>Case Study.</strong> This is a large group case study designed to encourage critical thinking and expose participants to the various components of the TM itinerary. N. Rosenblum (1h)</td>
<td><strong>Research and development: An Industry perspective</strong></td>
<td><strong>Perspectives: Academia, Industry and Government</strong> Crommelyn will discuss the interaction between industry, academia and government and explore strategies on how best to interface with the different entities. D. Crommelyn (30m talk / 30m Q&amp;A)</td>
<td><strong>Predictive models in Pharmacovigilance and Personalized Medicine.</strong> Seyfert-Margolis and Albani will discuss predictive markers and compare and contrast different toxicology models. They will also discuss the use of state of art technologies to develop tools to appropriately stratify patients in support of therapeutic and diagnostic decisions. V. Seyfert-Margolis, S. Albani (20m each / 20m Q&amp;A)</td>
<td><strong>Group Lunch.</strong></td>
<td><strong>Unfolding case study.</strong> Small group case. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (2.5h)</td>
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<td><strong>Group Lunch.</strong></td>
<td><strong>Mentoring Session 2.</strong> Participants will break into small groups and critique short writing samples of their peers. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
<td><strong>Group Lunch.</strong></td>
<td><strong>Safety and ethics in product development.</strong> Offringa will present a large group case study that addresses regulatory and ethical issues. M. Offringa (1h)</td>
<td><strong>“Speed dating”.</strong> Participants will meet one-on-one with core faculty on various hot topics identified during the week (1h)</td>
<td><strong>Group Lunch.</strong></td>
<td><strong>Case Study.</strong> This is a large group case study designed to encourage critical thinking and expose participants to the various components of the TM itinerary. N. Rosenblum (1h)</td>
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<td><strong>The role of technology transfer in academic translational medicine.</strong> This session examines the TM itinerary in relation to the respective roles of academia, IP, patents and technology transfer in product development. M. Roncarolo (30m presentation / 30m Q&amp;A)</td>
<td><strong>Evening Activities.</strong> Tour of the Borgia del Casale; Opening Dinner</td>
<td><strong>From mountains to molehills: transforming basic research into leads.</strong> Krieg will give a first-hand look into the practical challenges of trying to translate your discovery into therapy. P. Krieg (45m talk / 20m Q&amp;A)</td>
<td><strong>Intro to the Presentation Workshop.</strong> J. Hafler (20m)</td>
<td><strong>The art of startup: developing and securing intellectual property</strong> Fishburn will discuss what intellectual property (IP) means, strategies to assess whether or not securing IP is needed, and what makes a dynamic team. W. Fishburn (45m lecture / 25 Q&amp;A)</td>
<td><strong>Presentation Workshop.</strong> Participants will give a 5 minute presentation. Peers and faculty will critique the presentation, and the presenter will self-evaluate. Participants will receive instructions and guidance in advance of May. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
<td><strong>Date with Wain.</strong> Participants will have the opportunity to structure their own agenda and questions in an intimate dialogue with Wain Fishburn.</td>
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<td><strong>Principles of Good Science Writing.</strong> Facilitator to the writing workshop, we’ll address the basics of good writing, particularly in relation to the different dimensions of science writing. D. Hafler (30m)</td>
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<td><strong>Clinical trial Design.</strong> Seyfert-Margolis will give highlight key elements of clinical trial design and present problems for small group discussion. V. Seyfert-Margolis (30m talk / 30m Q&amp;A)</td>
<td><strong>15 minute break</strong></td>
<td><strong>Mentoring Session 3.</strong> Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
<td><strong>Case Study.</strong> This case study will be discussed in small groups. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
<td><strong>Evening Activities.</strong> Wine and Cheese</td>
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<td>Tour of the Borgia del Casale; Opening Dinner</td>
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<td><strong>Mentoring Session 1.</strong> During the mentoring sessions, participants will address their own dilemmas in a small group setting as facilitated by expert faculty. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
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<td><strong>Case Study.</strong> This case study will be discussed in small groups. Facilitators: Albani, Gregorio, von Herrath, Krieg, Lopez, Offringa, Prakken, Rosenblum, Seyfert-Margolis (1.5h)</td>
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