



# TEACHING THE FUTURE

## VIENNA SCHOOL OF CLINICAL RESEARCH



### THE INTERNATIONAL NON-PROFIT EDUCATIONAL INSTITUTE

Progress in medicine depends on scientific skills of medical professionals but access to appropriate education is limited. The Vienna School of Clinical Research (VSCR), an independent international non-profit educational institute, has embarked on a new approach.



### A PUBLIC-PRIVATE-ACADEMIC PARTNERSHIP

Based on a partnership between public bodies (Austrian Government, City of Vienna, European Commission), academic centers (14 Universities in Europe, US and Africa), and the private sector (pharma- and other industry), the VSCR has developed an educational programme that aims at optimizing clinical research by minimizing risk and cost and maximizing scientific value and ethical and quality standards. Public and private grants as well as income from course fees provide the funding of a scholarship programme that allows experts from Central and Eastern Europe, the Middle East, Asia and Africa access to the VSCR educational programme.

### PARTNERING UNIVERSITIES AROUND THE WORLD:

- Medical University Vienna
- Medical University Innsbruck
- Charles University Prague
- Semmelweis University
- Medical Postgraduate University Bratislava
- Gazi University Ankara
- University of Zagreb
- Univ. of Med. and Pharmacy "Carol Davila" Bucharest
- Medical University Warsaw
- University of Athens
- Swiss Tropical and Public Health Institute
- University of Cape Town
- Albert Schweitzer Hospital Lambarene
- Tufts Sackler School Boston

### PERFECT COURSES FOR MEDICAL PROFESSIONALS

Since 2001, approximately 20 different course modules (two to six days long) have been developed, involving an international faculty of around 150 experts from more than 40 countries. The courses cover all topics relevant to clinical trialists including GCP, trial design and methodology, EBM, biostatistics, clinical epidemiology, ethics, publication, project management, health outcomes research. All courses have been awarded CME credits and most are part of post-graduate university programmes. More than 6000 medical professionals from more than 90 different countries have graduated from courses of the VSCR.





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## PROGRAMME 2013

Date 2013	Course Title	Venue
14 - 18 Jan	<b>Principles and Practices of Medical Device Development</b> The new regulation process for medical devices is getting more complex and extensively beginning of 2013. The training has been designed to deliver a profound knowledge of the new regulatory environment for medical devices and to learn the best and most effective practices for the developing process. Current regulations and perspectives on a worldwide basis - with focus on Europe and Asia are discussed. In practical examples and case studies participants discover pitfalls and risks.	Vienna, Austria
28 Jan - 01 Feb	<b>HEALTH OUTCOMES RESEARCH</b> <b>From Licensing to Reimbursement – How to Design your Studies</b> This newly developed course offers students the opportunity to learn about the key elements and critical factors on the way from discovery and drug development to successful introduction and commercialisation of new medicines. The course is practically oriented and focuses mainly on how to modify and implement early clinical plans with maximum efficiency on a long run towards licensing and reimbursement.	Vienna, Austria
04 - 05 Mar	<b>Introduction to Clinical Research</b> This course has been designed to deliver a good basic foundation to all professionals interested in clinical research. Lectures are supplemented by workshops throughout the programme giving participants the opportunity to apply knowledge learned in practical exercises and case studies.	Vienna, Austria
06 - 08 Mar	<b>Introduction to Biostatistics</b> The objective of this course is to give participants a basic understanding of the more common statistical tests that are applied in surveys and clinical trials. The participants will be able to apply defined methods to simple, relevant situations.	Vienna, Austria
18 - 22 Mar	<b>HEALTH OUTCOMES RESEARCH</b> <b>Evidence Based Decision Making for Pricing and Reimbursement: from Theory to Practice (core module)</b> This course is designed for professionals working in the industry or in the public health sector and involved in negotiation and decision making for pricing and reimbursement. Those who have a need to understand how evidence based decision making is being used to direct reimbursement and market access decisions will also benefit from this course.	Vienna, Austria
03 - 05 Apr	<b>Project Management in Clinical Research</b> A well-designed study protocol is useless if the study is inadequately conducted. Well organized project management is an essential element for a successful study. In this three day course researchers and clinical trial associates will learn how to manage and organize a clinical trial and a study team in accordance to international guidelines and requirements (GCP).	Vienna, Austria



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Date 2013	Course Title	Venue
17 - 19 Apr	<b>Introduction to Clinical Epidemiology</b> This course provides knowledge on basic principles and methods of clinical epidemiology, types of study designs and the validity of clinical study results for clinical practice.	Vienna, Austria
13 - 17 May	<b>HEALTH OUTCOMES RESEARCH</b> <b>Evidence Based Medicine &amp; Implementation Science</b> This course is designed for personnel working in the pharmaceutical industry, in the public healthcare sector and/or being involved in decision and policy making. The primary course objective is to understand the principles and concepts of evidence based medicine and implementation science to apply them to decision making and improving health care practice.	Vienna, Austria
03 - 07 Jun	<b>Protocol Development Workshop – Scientific Aspects of Clinical Research</b> A well designed study protocol is the basis for all clinical research projects. This course is a hands on training programme covering the creation and assessment of clinical trial protocols. The following disease areas are covered by this course: <b>Oncology, Cardiovascular, Psychiatry and Diabetes</b> . The rest part of this course will cover the basics needed for developing a protocol and during the second part the participants will work on their own protocol in the respective disease specific area.	Vienna, Austria
17 - 21 Jun	<b>HEALTH OUTCOMES RESEARCH</b> <b>Principles of Pharmacoeconomics</b> This course is designed for personnel working in the public healthcare sector, in pharmaceutical industries or for those involved in negotiations related to the evaluation, pricing and marketing of drugs.	Vienna, Austria
24 - 27 Jun	<b>The Scientific Approach to Modern Oncology – Clinical and Translational Oncology</b> This course provides an overview of the actual approaches to detection and treatment of malignant diseases. Science is the key, starting from experimental investigations to be implemented in the oncology wards. Integrating translational research and clinical state-of-the-art interventions, this course addresses the open issues of today and tomorrow.	Vienna, Austria
09 - 13 Sept	<b>HEALTH OUTCOMES RESEARCH</b> <b>Systematic Reviews to Support Evidence Based Medicine</b> Provides intensive training to foster the application of systematic reviews and meta-analysis to reimbursement decisions in clinical practice and to the formulation of new research questions.	Vienna, Austria



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23 - 25 Sept	<b>Biomarker &amp; Personalized Medicine in Oncology: from concepts to practice</b> In the current course participants will get a comprehensive overview on the biomarker concepts focused on oncology in drug development as well as on the role of biomarkers in daily care with patients. A one-day optional laboratory training will give participants the unique possibility to experience sophisticated nucleotide, protein and metabolite based biomarker techniques.	Vienna, Austria
30 Sept - 04 Oct	<b>Essential Skills for Clinical Research Associates and Monitors</b> The course incorporates developing soft skills essential for the role of a CRA/Monitor, such as time management and communication skills needed to successfully manage a clinical trial.	Vienna, Austria
07 - 11 Oct	<b>Publication Workshop: How to write a biomedical research paper</b> An appealing and adequate presentation of data from clinical trials is important for successful publication in internationally acknowledged medical journals. In this course participants will learn how to critically appraise scientific articles and write abstracts and scientific articles according to international guidelines and recommendations.	Vienna, Austria
21 - 22 Oct	<b>Applying Good Clinical Practice (GCP)</b> Provides intensive training for good clinical practice for advanced clinical researchers. Supported by real-life examples the course will provide hands-on training for safety reporting, quality assurance/control and how to prepare an informed consent.	Vienna, Austria
23 - 24 Oct	<b>Ethical Aspects in Clinical Research</b> Designed for ethics committee members and experienced clinical researchers, interested in the basic information in ethics in clinical research with additional information concerning legal, administrative and organisational aspects of ethics committee.	Vienna, Austria
04 - 08 Nov	<b>Advanced Biostatistics</b> This course will provide the opportunity for reinforcement of basic principles and concepts of biostatistics through hands-on exercises, followed by more advanced and complex biostatistical methods.	Vienna, Austria
11 - 15 Nov	<b>Publication Masterclass</b> This course provides intensive, practical training for clinical research professionals involved in publishing a variety of types of publication. Building on the publication of randomized clinical trials this advanced publication masterclass focuses on other publication types and explores some relevant topics in more detail. This course involves significant group work and practical hands-on exercises.	Vienna, Austria
18 - 22 Nov	<b>HEALTH OUTCOMES RESEARCH</b> <b>Evidence Based Decision Making for Pricing and Reimbursement: from Theory to Practice (core module)</b> This course is designed for professionals working in the industry or in the public health sector and involved in negotiation and decision making for pricing and reimbursement. Those who have a need to understand how evidence based decision making is being used to direct reimbursement and market access decisions will also benefit from this course.	Vienna, Austria