



# Pharmacovigilance and Risk Management Strategies 2015

Tutorials: January 25 | Meeting: January 26-28

Renaissance Washington DC Downtown Hotel  
Washington, DC

## PROGRAM CO-CHAIRS:

### William W. Gregory, PhD

Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc.

### Stella Blackburn, MD

Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

## PROGRAM COMMITTEE:

### Mariette Boerstoeel-Streefland, MD, MBA, MS

Head  
Global Safety and Pharmacovigilance  
Baxter International Inc.

### Jean-Pierre Clement, MD

Vice President  
Global PV and Medical Risk Management  
Cubist Pharmaceuticals, Inc.

### Stewart Geary, MD

Vice President, Chief Medical Officer, Director  
Corporate Medical Affairs HQ  
Eisai Co., Ltd., Japan

### Stephen Knowles, MD, MRCP

Senior Director  
Global Patient Safety  
Eli Lilly and Company

### Michael Richardson, MD, FFPM

International Head GPV&E and  
EU Qualified Person for Pharmacovigilance  
Bristol-Myers Squibb, United Kingdom

### Tracy M. Salaam, PharmD

Safety Evaluator Team Leader  
CDER, FDA

## OVERVIEW

Benefit-Risk in 2015! Regulatory science, tools, realities, and perceptions of biopharmaceutical product benefit-risk continue to evolve across the global pharmacovigilance landscape. During this three-day meeting, thought leaders from around the world will provide their insight and engage in dialogue on current opportunities and challenges in managing product risk in the context of benefit. The current regulatory framework will be outlined and practical approaches to protecting patient safety will be discussed.

This event will provide a unique setting for informal dialogue with representatives from the FDA and other key regulatory agencies, as well as from industry and academia. There will be multiple opportunities for participants to engage with speakers and interact with fellow colleagues.

## LEARNING OBJECTIVES

At the conclusion of this meeting, attendees will be able to:

- Describe the current regulatory framework for pharmacovigilance in key markets
- Discuss global implications of the Pharmacovigilance System Master File
- Explain basic risk minimization interventions, measures of their effectiveness, and integration into selected healthcare systems
- Describe new approaches for safety assessment of biosimilars in early clinical development
- Examine the role of Real World Evidence in assessing product risk in the context of benefit
- Discuss the impact of health literacy on risk communication

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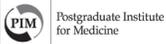
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## CONTINUING EDUCATION CREDITS



This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Postgraduate Institute for Medicine (PIM) and DIA. PIM is accredited by the ACCME to provide continuing medical education for physicians.

PIM designates this live activity for a maximum of 16.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



DIA is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program (1.175 CEUs) and applicable tutorial (.6 CEUs) are designated for up to 17.75 contact hours or 1.775 continuing education units (CEU's). See Continuing Education Credit Allocation below for details.

Type of Activity: Knowledge

**ACPE Credit Requests**

DIA is required by the Accreditation Council for Pharmacy Education (ACPE) to report pharmacy-requested CEUs through the CPE Monitor system. All ACPE-certified activity credit requests need to be submitted through DIA's My Transcript **within 45-days post activity**. Pharmacists will need to provide their National Association of Boards of Pharmacy (NABP) e-Profile ID and date of birth (MMDD) to ensure the data is submitted to the ACPE and NABP properly. If you need to obtain your NABP e-Profile, please visit [www.cpemonitor.net](http://www.cpemonitor.net).

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If you would like to receive a statement of credit, you must attend the program (and tutorial, if applicable), sign in at the DIA registration desk each day of the meeting, and complete the online credit request process through My Transcript. To access My Transcript, please go to [www.DIAGlobal.org](http://www.DIAGlobal.org), select "Login to My DIA" and you will be prompted for your user ID and password. Select "My Transcript" (left side bar) and "Credit Request" to process your credit request. Participants will be able to download a statement of credit upon successful submission of the credit request. My Transcript will be available for credit requests on **Wednesday, February 11, 2015**.

**Disclosure Policy**

The Postgraduate Institute for Medicine (PIM) and DIA require instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by PIM and DIA for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

**Grievance Policy**

It is DIA's policy that anyone in a position to control the content of a continuing education activity must disclose to the program audience (1) any real or apparent conflict(s) of interest related to the content of their presentation and/or the educational activity, and (2) discussions of unlabeled or unapproved uses of drugs or medical devices. Faculty disclosures will be included in the workshop materials. View DIA's Grievance Policy at [DIAGlobal.org/CE](http://DIAGlobal.org/CE)

**CONTINUING EDUCATION CREDIT ALLOCATION****Tutorials:**

- **Pharmacovigilance and Risk Management Planning:** Pharmacy: 6 contact hours or .6 CEUs, 0286-0000-15-005-L04-P; Nursing: 6 contact hours; IACET: .6 CEUs
- **Introduction to Pharmacoepidemiology and Applications in PreMarketing and PostMarketing Surveillance, Risk Management and Value Demonstration:** Nursing: 3.25 contact hours; IACET: .3 CEUs
- **PBRERS:** Nursing: 3.25 contact hours; IACET: .3 CEUs
- **Pharmacovigilance System Master File:** Nursing: 3.25 contact hours; IACET: .3 CEUs

**Meeting:**

CME: 16.5 *AMA PRA Category 1 Credits™*

Nursing: 16.5 contact hours

IACET: 1.7 CEUs

**Pharmacy:**

- **Session 1 - Keynote Address:** 1.25 contact hours or .125 CEUs, 0286-0000-15-006-L04-P
- **Session 2 - FDA Updates:** 1.5 contact hours or .15 CEUs, 0286-0000-15-007-L04-P
- **Session 6 - Regional Requirements with Global Impact: The Drivers for Change:** 1.5 contact hours or .15 CEUs, 0286-0000-15-008-L04-P
- **Session 7 - Risk Management Planning:** 1.5 contact hours or .15 CEUs, 0286-0000-15-009-L04-P
- **Session 8 - Implementing Additional Risk Minimization Tools and Measuring Their Effectiveness:** 1.5 contact hours or .15 CEUs, 0286-0000-15-010-L04-P
- **Session 9 - Enhancing Pharmacovigilance Engagement.....:** 1.5 contact hours or .15 CEUs, 0286-0000-15-011-L04-P
- **Session 10 - Real World Evidence.....:** 1.5 contact hours or .15 CEUs, 0286-0000-15-012-L04-P
- **Session 11 - Stakeholder Perspectives on Communicating Risk:** 1.5 contact hours or .15 CEUs, 0286-0000-15-013-L04-P

**DIA'S CERTIFICATE PROGRAM**

This program is part of DIA's Certificate Program and is awarded the following:

- Clinical Research Certificate Program: 12 Elective Units
- Clinical Safety and Pharmacovigilance Certificate Program: 4 Elective Units
- Regulatory Affairs Certificate Program: 12 Elective Units

For more information go to [www.DIAGlobal.org/CertificatePrograms](http://www.DIAGlobal.org/CertificatePrograms)

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## SUNDAY, JANUARY 25

### FULL-DAY TUTORIAL

10:00AM–5:00PM

#### PHARMACOVIGILANCE AND RISK MANAGEMENT PLANNING (box lunch served from 12:00–12:45PM)

##### INSTRUCTORS

**William W. Gregory, PhD**

Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc.

**Stella Blackburn, MD**

Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

This tutorial will be presented in two parts.

Part 1 (10:00AM–12:00PM) will focus on basic aspects of the regulatory framework for pharmacovigilance in the context of risk management planning.

Part 2 (12:45–5:00PM) will focus on the practical aspects of managing biopharmaceutical product risks in the context of benefits and the healthcare delivery system.

##### Learning Objectives:

At the conclusion of this tutorial, participants should be able to:

- Discuss similarities and differences in risk management planning in the three ICH regions and other selected jurisdictions
- Describe the differences between important identified risks and important potential risks
- Outline the basic structure and contents of an EU Risk Management Plan (in the context of a Risk Management System) and a Risk Evaluation and Mitigation Strategy (REMS)
- Discuss primary tools for managing product risks, how the effectiveness of a selected tool is assessed, and triggers for modification or release of a given intervention

### HALF-DAY TUTORIALS

8:30AM–12:00PM

#### INTRODUCTION TO PHARMACOEPIDEMIOLOGY AND APPLICATIONS IN PREMARKETING AND POSTMARKETING SURVEILLANCE, RISK MANAGEMENT AND VALUE DEMONSTRATION

##### INSTRUCTORS

**Annette Stemhagen, DrPH**

Senior Vice President  
Safety, Epidemiology, Registries and Risk Management  
UBC, An Express Scripts Company

**Robert Sharrar, MD**

Executive Director  
Safety, Epidemiology, Registries and Risk Management  
UBC, An Express Scripts Company

This tutorial will provide an overview of basic epidemiology methods and study designs as they are applied in the pharmaceutical and biotechnology industries. Topics will include design and conduct of retrospective and prospective epidemiologic studies such as case-control studies and cohort studies, and the application of these designs for premarketing and postmarketing surveillance, risk management (risk assessment and risk mitigation), and demonstration of product value.

##### Learning Objectives:

At the conclusion of this tutorial, participants should be able to:

- Define basic epidemiologic principles
- Distinguish case-control and cohort study designs
- Identify applications for epidemiology in pre- and postmarketing pharmaceutical product safety surveillance and risk management
- Identify applications for use of epidemiologic studies in demonstrating product value

*Lunch is not provided for half-day tutorial attendees*

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1:30-5:00PM

## PBRERS

## INSTRUCTORS

**Valerie E. Simmons, MD, FFPM**  
EU Qualified Person for Pharmacovigilance  
Global Patient Safety  
Eli Lilly and Company Limited  
United Kingdom

**Ayman Ayoub, MD**  
Disease Area Head  
Safety Surveillance and Risk Management  
Pfizer LTD Central Research  
United Kingdom

**Alison Turney, PharmD**  
Consultant  
Surveillance Process Owner  
Eli Lilly and Company

The new ICH E2C (E2C) guideline on Periodic Benefit-Risk Evaluation Reports (PBRERs) reached Step 4 in November 2012 and has already implemented in the EU under the new Pharmacovigilance legislation. Also accepted in the US, Japan, and other countries, the PBRER may replace existing requirements for postmarketing periodic reporting. This new report represents a significant change from the previous PSUR format and a quantum leap forward towards a document incorporating many new concepts including an integrated evaluation of both benefits and risks of a medicinal product.

## Learning Objectives:

At the conclusion of this tutorial, participants should be able to:

- Discuss the main principles defined in the ICH E2C (R2) guideline
- Describe the structure and content of the new PBRER
- Explain the regulatory authority expectations of the PBRER
- Recognize some of the key implementation challenges and how they may be addressed
- Discuss the practical aspects in the preparation of the PBRER

1:30-5:00PM

## PHARMACOVIGILANCE SYSTEM MASTER FILE

## INSTRUCTOR

**Noha Kassem, PhD**  
Senior Director  
Quality in Global Patient Safety  
Eli Lilly and Company  
United Kingdom

As part of the new EU Pharmacovigilance Legislation (Regulation EU 1235/2010 and Directive 2010/84/EU) marketing-authorization holders are required to maintain a Pharmacovigilance System Master File (PSMF). The PSMF must be in place at the time of initial marketing authorization application, license renewal and available for inspections. The PSMF replaced the Detailed Description of the Pharmacovigilance System (DDPS). This tutorial will cover the requirements in the PSMF, the creation and maintenance as well as sharing a real experience focusing on some of challenges and how they can be addressed.

## Learning Objectives:

At the conclusion of this tutorial, participants should be able to:

- Discuss how to prepare a PSMF to meet the requirements
- Describe how to maintain a PSMF so that it can be available within seven days from request
- Examine challenges and possible scenarios of how to address preparation and maintenance

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## MONDAY, JANUARY 26

## 7:30-8:30AM REGISTRATION / CONTINENTAL BREAKFAST / EXHIBITS

## 8:30-8:45AM DIA WELCOME AND OPENING REMARKS

## DIA WELCOME

**Barbara Lopez Kunz**  
Global Chief Executive  
DIA

## PROGRAM CHAIR

**William W. Gregory, PhD**  
Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc.

## PROGRAM CO-CHAIR

**Stella Blackburn, MD**  
Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

## 8:45-10:00AM SESSION 1: KEYNOTE ADDRESS

## SESSION CO-CHAIRS

**William W. Gregory, PhD**  
Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc.

**Stella Blackburn, MD**  
Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

### Do Meta-analyses of Adverse Events have Adverse Effects?

**Stephen JW Evans, MSc, FRCP**  
Professor of Pharmacoepidemiology  
London School of Hygiene & Tropical Medicine  
United Kingdom

## 10:00-10:30AM REFRESHMENT BREAK / EXHIBITS

## 10:30AM-12:00PM SESSION 2: FDA UPDATES

## SESSION CHAIR:

**Gerald J. Dal Pan, MD, MHS**  
Director  
Office of Surveillance and Epidemiology  
CDER, FDA

## SPEAKERS:

### Updates from the FDA/Office of Surveillance and Epidemiology

**Gerald J. Dal Pan, MD, MHS**  
Director  
Office of Surveillance and Epidemiology  
CDER, FDA

### Using Drug Target Adverse Event Profiles to Predict and Analyze Safety Signals

**Keith K. Burkhart, MD, FACMT**  
Senior Advisor for Medical Toxicology  
Office of Clinical Pharmacology  
CDER, FDA

### Pharmacological Mechanism-Based Approaches for Signal Strengthening/Weakening for Potential Safety Signals

**Darrell R. Abernethy, MD, PhD**  
Associate Director for Drug Safety  
Office of Clinical Pharmacology  
CDER, FDA

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12:00-1:30PM

## ROUNDTABLE LUNCH DISCUSSIONS/EXHIBITS

**New This Year!**

There will be a 30 minutes session for a limited number of participants to join roundtable discussions during the lunch break. The discussions will address the following topics:

- Informatic Approaches to Data Mine FAERS for Mechanisms of Toxicity - Moderated by **Keith K. Burkhart, MD, FACMT**, Senior Advisor for Medical Toxicology, Office of Clinical Pharmacology, CDER, FDA
- Systems Pharmacology and Toxicology - International Efforts to Develop Mechanistic Approaches to Inform Potential

Pharmacoepidemiologic Safety Signals - Moderated by **Darrell R. Abernethy, MD, PhD**, Associate Director for Drug Safety, Office of Clinical Pharmacology, CDER, FDA

- Regulatory decision-making: are we getting it right? - Moderated by **Stephen JW Evans, MSc, FRCP**, Professor of Pharmacoepidemiology, London School of Hygiene & Tropical Medicine, United Kingdom

*An email will be sent to all pre-registered attendees with instructions for how to sign up for a Round Table. It is first come, first serve and will be closed once the slots are filled. Please monitor email for this sign up opportunity.*

1:30-3:00PM

## SESSION 3: ASIA REGULATORY UPDATES

## SESSION CHAIR:

**Stewart Geary, MD**

Vice President, Chief Medical Officer, Director  
Corporate Medical Affairs HQ  
Eisai Co., Ltd., Japan

## SPEAKERS:

**Japanese Perspective****Daisuke Sato, MPharm**

Reviewer  
Office of Safety II  
Pharmaceuticals and Medical Devices Agency (PMDA), Japan

**Korea Perspective****Nam-Kyong Choi, PhD**

Research Professor  
Division of Clinical Epidemiology  
Seoul National University College of Medicine/Seoul National University Hospital

**Pre- and Post-Marketing Safety Evaluation in China****William Wang, PhD**

Head of Asia Pacific Hub  
Biostatistics and Research Decision Sciences (BARDS)  
Merck Research Laboratories, Merck & Co., Inc., China

3:00-3:30PM

## REFRESHMENT BREAK / EXHIBITS

## Drug Safety:

### Is Your Staff Prepared?

#### DIA's Drug Safety eLearning Program is Your Training Solution to Reduce Risk

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Drug Safety

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Premarketing

Clinical Trial Safety

Postmarketing

Safety Management

Basics of Signal Detection and Pharmacoepidemiology

Safety Audits and Inspections

(Available in October)



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**DIA**

3:30-5:00PM

## SESSION 4: MATURING MARKETS PERSPECTIVE

## SESSION CHAIR:

**William W. Gregory, PhD**  
Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc.

## SPEAKERS:

**India Perspective**

**Brijesh Regal, MPharm**  
CEO  
Apothecaries Clinical Research, India

**Brazil Perspective**

**Paula Taborelli**  
Regional Director Pharmacovigilance (EU & LA)  
Global PhV & Epidemiology  
Bristol-Myers Squibb

**Eastern Europe/Turkey Perspective**

**Michelle Bulliard**  
Vice President, Regional Managing Director EMEA  
Quintiles Switzerland

5:00-6:00PM

## NETWORKING RECEPTION

## TUESDAY, JANUARY 27

7:30-8:30AM

## REGISTRATION / CONTINENTAL BREAKFAST / EXHIBITS

8:30-10:00AM

## SESSION 5: EU REGULATORY UPDATES

## SESSION CHAIR:

**Michael Richardson, MD, FFPM**  
International Head GPV&E and EU Qualified Person  
for Pharmacovigilance  
Bristol-Myers Squibb, United Kingdom

## SPEAKERS:

**A Very Personal Perspective on PRAC (Pharmacovigilance and Risk Assessment Committee)**

**Stephen JW Evans, MSc, FRCP**  
Professor of Pharmacoepidemiology  
London School of Hygiene & Tropical Medicine  
United Kingdom

**Success and Future Challenges of New Regulations**

**Mick Foy**  
Group Manager  
Vigilance Intelligence and Research Group  
MHRA, United Kingdom

**Success and Future Challenges of New Regulations – Industry Perspective**

**Vicki Edwards, BPHARM HONS**  
QPPV and Head of Affiliate Vigilance Excellence  
Pharmacovigilance and Patient Safety  
AbbVie Ltd, United Kingdom

10:00-10:30AM

## REFRESHMENT BREAK / EXHIBITS

10:30AM-12:00PM

## SESSION 6: REGIONAL REQUIREMENTS WITH GLOBAL IMPACT: THE DRIVERS FOR CHANGE

## SESSION CHAIRS:

**Justina Molzon, JD, MPharm, MSc, RPh**  
CDER, FDA (Retired)

**Michael Richardson, MD, FFPM**  
International Head GPV&E and EU Qualified Person  
for Pharmacovigilance  
Bristol-Myers Squibb, United Kingdom

## SPEAKERS:

**FDA Perspective on International Regulatory Collaborations in Pharmacovigilance**

**Robert Ball, MD, MPH, ScM**  
Deputy Director, Office of Surveillance and Epidemiology  
CDER, FDA

**Pharmacovigilance System Master File**

**Noha Kassem, PhD**  
Senior Director  
Quality in Global Patient Safety  
Eli Lilly and Company, United Kingdom

**A View of APEC**

**Justina Molzon, JD, MPharm, MSc, RPh**  
CDER, FDA (Retired)

**Global Database and Accommodating Differing Reporting Requirements and Safety Analysis**

**Eileen Leonard, PharmD**  
Executive Director  
Global Pharmacovigilance and Epidemiology  
Bristol-Myers Squibb

12:00-1:30PM

LUNCH / EXHIBITS

1:30-3:00PM

SESSION 7: RISK MANAGEMENT PLANNING

SESSION CHAIR:

**Stella Blackburn, MD**

Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

SPEAKERS:

### ADRs, Risks, What is Important...and Can Anyone Tell the Difference Anymore?

**Valerie E. Simmons, MD, FFPM**

EU Qualified Person for Pharmacovigilance  
Global Patient Safety  
Eli Lilly and Company Limited, United Kingdom

### Practical Considerations on Implementing the Pharmacovigilance Plan: Planning Multi-Country PASS

**Michelle Bulliard**

Vice President, Regional Managing Director EMEA  
Quintiles, United Kingdom

### Different Strategies for Risk Minimisation in the EU

**Stella Blackburn, MD**

Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

3:00-3:30PM

REFRESHMENT BREAK / EXHIBITS

3:30-5:00PM

SESSION 8: IMPLEMENTING ADDITIONAL RISK MINIMIZATION TOOLS AND MEASURING THEIR EFFECTIVENESS

SESSION CHAIRS:

**William W. Gregory, PhD**

Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc.

**Stella Blackburn, MD**

Vice President  
Global Head of Risk Management  
Quintiles Inc., United Kingdom

SPEAKERS:

### Risk Minimization – Tools to Measure Effectiveness

**Cynthia LaCivita, PharmD**

Senior Drug Risk Management Analyst  
Division of Risk Management  
Office of Medication Error Prevention and Risk Management  
CDER, FDA

### Case Study

**Michael Richardson, MD, FFPM**

International Head GPV&E and EU Qualified Person  
for Pharmacovigilance  
Bristol-Myers Squibb, United Kingdom

### Future Direction: CIOMS IX

**William W. Gregory, PhD**

Senior Director  
Worldwide Safety and Regulatory  
Pfizer Inc

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#### Get Involved! Submit an Abstract at [DIAGlobal.org/Abstract](http://DIAGlobal.org/Abstract)

#### Call for Professional Posters

Deadline: Tuesday, March 3

#### Call for Student Posters

Deadline: Tuesday, March 31

## WEDNESDAY, JANUARY 28

7:30-8:30AM REGISTRATION / CONTINENTAL BREAKFAST / EXHIBITS

## 8:30-10:00AM SESSION 9: ENHANCING PHARMACOVIGILANCE ENGAGEMENT IN THE CLINICAL DEVELOPMENT OF LARGE MOLECULES

## SESSION CHAIR:

**Stephen Knowles, MD, MRCP**Senior Director  
Global Patient Safety  
Eli Lilly and Company

## SPEAKERS:

**The Clinical Relevance of Quality****Steven Kozlowski, MD**Director  
Office of Biotechnology Products  
CDER, FDA**Establishing Biosimilarity through Assessment and Comparison of Critical Quality Attributes****Jan Hillson, MD**Senior Director of Clinical and Translational Research  
Momenta Pharmaceuticals, Inc.**Pharmacovigilance: Considerations for Biologics and Biosimilars****Thomas Felix, MD**Director, Research and Development Policy  
Amgen Inc.

## 10:30AM-12:00PM SESSION 10: REAL WORLD EVIDENCE - A TRUE SNAPSHOT OF BENEFIT AND RISK

## SESSION CHAIR:

**Mariette Boerstoel-Streefland, MD, MBA, MS**Head  
Global Safety and Pharmacovigilance  
Baxter International Inc.

## SPEAKERS:

**Exploring New Methods for Pharmacovigilance****Nancy Dreyer, PhD, MPA, FISPE**Global Chief of Scientific Affairs  
Quintiles Real-World & Late-Phase Research  
Adjunct Professor of Epidemiology  
University of North Carolina**Anonymized Datasets from Multiple Organizations: Potential for Use in Epidemiology and Signal Detection****Andres Gomez**Head of Epidemiology, Signal Detection and Data Management  
Bristol Myers Squibb**Benefits and Harms of "Real World" Evidence: Should We Be Changing Our Views?****Stephen JW Evans, MSc, FRCP**Professor of Pharmacoepidemiology  
London School of Hygiene & Tropical Medicine  
United Kingdom

12:00-1:30PM LUNCH / EXHIBITS

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1:30-3:00PM

**SESSION 11: STAKEHOLDER  
PERSPECTIVES ON COMMUNICATING RISK**

## SESSION CHAIR:

**Stephen Knowles, MD, MRCP**  
Senior Director  
Global Patient Safety  
Eli Lilly and Company

## SPEAKERS:

**Patient Perspective**

**Toni Cordell**  
Consultant  
Toni Cordell

**MHRA Perspective**

**Mick Foy**  
Group Manager  
Vigilance Intelligence and Research Group  
MHRA, United Kingdom

**Risk Communication and Health Literacy in Healthcare  
Systems**

**Professor Michael Wolf, PhD, MPH**  
Professor  
Medicine-General Internal Medicine and Geriatrics  
Northwestern University Feinberg School of Medicine

3:00PM

**MEETING ADJOURNS**

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### Art of Writing a Clinical Overview

February 24-26 | Online  
Course Level: Beginner

Get an in-depth analysis of the preparation of a Clinical Overview for pharmaceutical products (drugs and biologics) in accordance with ICH guidelines concerning development of Module 2.5 of a Common Technical Document (CTD).



### Introduction to Signal Detection and Data Mining

March 2 | DIA Global Center | Dupont Circle, Washington, DC  
Course Level: Beginner

Experts will present techniques for beginners to uncover potential drug safety signals. Instruction will follow on the role of data mining in signal detection.

### Premarketing Clinical Safety & Pharmacovigilance

March 23-24 | DIA Global Center  
Dupont Circle, Washington, DC  
Course Level: Intermediate

Learn how to comply with evolving US and European regulations for clinical safety during product development that are changing how we approach our daily jobs.

### Advanced Signal Detection - Tools, Triage, Evaluation, and Escalation

April 20-21 | DIA Global Center  
Dupont Circle, Washington, DC  
Course Level: Advanced

This course will present signal detection and management in the framework of regulatory compliance as well as risk management and risk communication strategies.

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