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# Cardiac Safety Research Consortium Annual Meeting

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Barbara Lopez Kunz  
DIA Global Chief Executive

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ADVANCE

# DIA Is Your Partner



**DIA is committed to bringing together people and ideas from all over the globe to accelerate innovation.**

**“If you want to go fast, go alone. If you want to go far, go together.” – African Proverb**

# Health Care Product Safety



## Cardiac safety risks recently studied in:

- over-the-counter NSAIDs
- common diabetes medications
- psychiatric drugs
- cancer treatments



## Cancer treatments linked to:

- atherosclerosis
- arrhythmias
- cardiomyopathy
- congestive heart failure
- coronary artery disease
- myocardial infarction
- myocardial fibrosis
- pericarditis
- thrombosis

Singh BK, et al. Assessment of nonsteroidal anti-inflammatory drug-induced cardiotoxicity. *Expert Opin Drug Metab Toxicol.* 2014 Feb;10(2):143-56.

Y Endo, et al. Thiazolidinediones enhance sodium-coupled bicarbonate absorption from renal proximal tubules via PPAR $\gamma$ -dependent nongenomic signaling. *Cell Metab.* 2011 May 4;13(5):550-61.

Mackin P. Cardiac side effects of psychiatric drugs. *Hum Psychopharmacol.* 2008 Jan;23 Suppl 1:3-14.

Curigliano G, et al. Cardiovascular toxicity induced by chemotherapy, targeted agents and radiotherapy: ESMO Clinical Practice Guidelines. *Ann Oncol.* 2012 Oct;23 Suppl 7:vii155-66.

# The Cardiac Safety of Health Care Products Cannot Be Ignored



Pediatric cardiac safety is a key issue needing more focus

New or more severe adverse effects in pediatric populations have been detected in

**10-20%**

of all medications studied

Nearly

**80%**

of cardiovascular drugs used in hospitalized children in the United States are not labeled for pediatrics or the indication used



Regulatory agencies, researchers and pharmaceutical companies must work together to advance testing

# Advancing Medical Innovation Through Collaboration

Academic  
Researchers

Industrial  
Innovators

Patients

Health  
Authorities



Cardiac Safety Research Consortium



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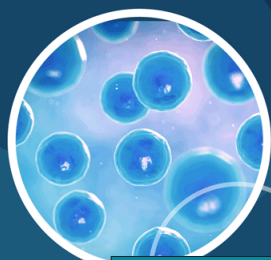
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**Collaboration will ensure patients access to treatments in a safer, faster and more cost-effective manner**

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# DIA Today



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Newspaper

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## Vision

DIA is your **essential partner** in **catalyzing** knowledge creation and sharing to **accelerate** health care product development



## Mission

DIA is the **global forum** for knowledge exchange that **fosters innovation** to raise the level of health and well-being worldwide



## Core Values

Neutrality & Integrity  
Accountability & Trust  
Respect & Dignity  
Responsibility & Diversity  
Passion & Engagement