

2018 Disclosure of Interest Information

GOLD BOARD OF DIRECTORS

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Peter Frith, MD

David Halpin, MD

M. Victorina López Varela, MD

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GOLD SCIENCE COMMITTEE

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Joergen Vestbo

M. Victorina López Varela, MD

Jadwiga A. Wedzicha, MD

January 1, 2018 - December 31, 2018

Background

The Global Initiative for Chronic Obstructive Lung Disease (GOLD) program is a collaboration between the scientific community and the private sector. The major objectives are: (1) to increase awareness of Chronic Obstructive Lung Disease among health professionals, health authorities, and the general public; (2) improve diagnosis, management, and prevention; and (3) stimulate research. These objectives are being met through preparation of scientific reports on Chronic Obstructive Lung Disease, dissemination and adoption of recommendations in these reports, and promotion of international collaboration on Chronic Obstructive Lung Disease research.

The purpose of this document is to safeguard the interests of all GOLD collaborators by an open disclosure of interests.

GOLD Structure

At present, the GOLD program is conducted through a GOLD Board of Directors that meets annually (usually in January), a Scientific Committee and a Dissemination Committee. Each Committee will have an active role in reviewing and recommending content for GOLD documents and all members will be asked to complete this form.

Annual Declaration of Interests

The following declarations are requested by GOLD. Please complete the company name select in the corresponding box whether you have financial relationships (received grants, personal fees, shares, non-financial support, other). Please include all companies in the bio-medical arena, as well as telehealth/technology, and tobacco entities. This form will be posted on the GOLD website after completion.

Definitions:

- 1. *Grants:* refers to any grant paid to your organization.
- 2. **Personal Fees:** refers to honorarium, consultation fees, etc for lectures, advisory committees or consultancy services either intermittent or regular, from which a GOLD member benefits personally. This includes ongoing attendance at advisory board meetings but would not normally include a situation where an individual is paid for a specific item or for attending or speaking at an occasional meeting.
- 3. **Shares:** refers to any shares in Chronic Obstructive Lung Disease-related commercial organizations, excluding unit trusts, pension plans or mutual funds, and it refers to shares held by a GOLD member or family members (spouse/children). The company is to be listed, not the number of shares.
- 4. Non-Financial Support: In-kind assistance.

The private sector should not in any way be involved in any aspect of developing documents, including collecting, reviewing or accessing the literature or determining the content. Once documents have been produced Chronic Obstructive Lung Disease-related commercial organizations can be involved in their dissemination and audit, including support for publications.



Name: Alvar Agusti

Member of: GOLD Board of Directors, GOLD Science Committee

		_	Non-		
Name of Entity	Grant?	Personal Fee?	Financial Support?	Other?	Comments:
GSK		х			Speaker, AB
AZ		Х			Speaker, AB
Chiesi		Х			Speaker, AB
Menarini		Х			Speaker, AB
ВІ		X			Speaker, AB



Member of: GOLD Executive Committee

Grant?	Personal Fee?	Non- Financial Support?	Other?	Comments:
				Grant to
				institution
	Yes			Consulting Fee
	Yes			Consulting Fee
	Yes			Consulting Fee
	Yes			Consulting Fee
	Yes			Consulting Fee
	Yes			Consulting Fee
	Yes			Consulting Fee
	Yes			Consulting Fee
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+			+	
			1	
	Grant?	Yes	Grant? Personal Financial Support? Yes Yes Yes Yes Yes Yes Yes Ye	Grant? Personal Financial Support? Other? Yes Yes Yes Yes Yes Yes Yes Ye





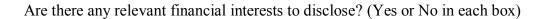
Name: Rongchang Chen

Member of: GOLD Board of Directors

Grant?	Personal Fee?	Non- Financial Support?	Other?	Comments:
√				
√	√			Speaker fee
√	√			Speaker fee
√				Speaker fee
	√ √ √	Grant? Fee? √ √ √ √	Grant? Personal Financial Support? ✓ ✓ ✓ ✓	Grant? Personal Fee? Financial Support? Other? ✓ ✓ ✓ ✓ ✓ ✓

Name: Gerard Criner

Member of: GOLD Board of Directors, GOLD Science Committee



		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
•			•		
Amgen, Inc.		Х			
AstraZeneca		Χ			
Boehringer Ingelheim Pharmaceuticals, Inc.	X	x			
Bronchus Medical, Inc.	Х	Х			
Chiesi Farmaceutici S.p.A.,		Χ			
GlaxoSmithKline, LLC	Χ	Χ			
HGE Health Care Solutions, LLC		Х			
Hospicom, Inc.		Х			
MedScape, LLC		Х			
Mereo Biopharma Group PLC		Х			
Novartis Pharma AG		Х			
Nuvaira, Inc.	Х	Χ			
Olympus America, Inc.		Χ			
PneumRx, Inc.	Х	Χ			
Prometic Life Sciences, Inc.	Х	Χ			
Pulmonx Corp.	Х	Χ			
Respironics, Inc.		Χ			
Saint Barnabas Medical Center		Х			
Sanofi US Services, Inc.	Х	Х			
Uptake Medical Technology, Inc.		Х			
Verona		Х			
Amgen, Inc.		Х			
AstraZeneca		Х			





Name: Peter Anthony Frith

Member of: GOLD Board of Directors, GOLD Science Committee, Assembly

			NT		
			Non-		
		Personal	Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
					Speaker travel
Asthma Australia			Yes		support
					Speaker &
					advisory board
					fees & travel
Boehringer Ingelheim		Yes	Yes		support
					Speaker and
					advisory board
					fees and travel
GlaxoSmithKline		Yes	Yes		support
					Travel support to
Lung Foundation Australia			Yes		Board meetings
					Speaker and
					advisory board
					fees and travel
CSL-Behriing		Yes	Yes		support
					Speaker and
					advisory board
					fees and travel
Menarini		Yes	Yes		support
					Speaker and
					advisory board
					fees and travel
Mundipharma		Yes	Yes		support
					Speaker and
					advisory board
					fees and travel
Novartis		Yes	Yes		support
					Honorarium for
					writing and
Medicine Today		Yes			editorial work
					Travel support for
GOLD			Yes		Board meetings
					Speaker and
					advisory board
					fees and travel
AstraZeneca		Yes	Yes		support
					Honorarium for
					writing and
Australian Doctor		Yes			editorial work



Name: David Halpin

Member of: GOLD Board of Directors, GOLD Science Committee

Name of Entity	Grant?	Personal Fee?	Non- Financial Support?	Other?	Comments:
Boehringer Ingelheim		Υ	Υ		
Chiesi Pharmaceuticals		Υ			
GSK		Υ			
Novartis		Υ	Υ		
Pfizer		Υ			



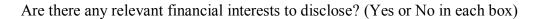
Name: Maria Victorina Lopez Varela

Member of: GOLD Board of Directors, GOLD Science Committee

		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
					Advisory
Boehringer Ingelheim	No	Yes	No	No	Board/Conference
AstraZeneca	No	Yes	No	No	Advisory Board

Name: Claus Vogelmeir

Member of: GOLD Board of Directors, GOLD Science Committee



		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
Boehringer		Х			
CSL Behring		Х			
Chiesi		Χ			
GlaxoSmithKline		Χ			
Grifols		Χ			
Menarini		Χ			
Novartis		Χ			
Bayer -Schering					
MSD					
Pfizer					
Vectura		Х			
	_			_	



Name: Claus Vogelmeir

Member of: GOLD Board of Directors, GOLD Science Committee

Name of Entity	Grant?	Personal Fee?	Non- Financial Support?	Other?	Comments:
Boehringer		Х			
CSL Behring		Х			
Chiesi		Χ			
GlaxoSmithKline		Χ			
Grifols		Χ			
Menarini		Χ			
Novartis		Х			
Bayer -Schering					
MSD					
Pfizer					
Vectura		х			





Name: Kevin Mortimer

Member of: Gold Board of Directors

Are there any relevant financial interests to disclose? Yes

Research grants:

- 2015 **Medical Research Council Doctoral Training Partnership**. Biagini G, <u>Mortimer K</u> (co-lead) and Diggle P. **£1.3m**. Translational and Quantitative Skills Doctoral Training Partnership in Global Health
- 2016 Medical Research Council. Mortimer K (PI). £606,000. Lung Health in Africa across the life course
- National Institute for Health Research. Squire SB, Mortimer K (co-I) et al. £7m. NIHR Global Health Research Unit on Lung Health and Tuberculosis in Africa at LSTM
- 2017 **Medical Research Council**. Biagini G, <u>Mortimer K</u> (co-lead) and Diggle P. £257,469. Liverpool School of Tropical Medicine and Lancaster University NPIF Studentships
- 2017 **Medical Research Council Skills Development Fellowship Programme**. <u>Mortimer K</u> (PI). **£580k**. Translational and Quantitative Skills Development Fellowships in Global Health
- 2017 **Medical Research Council NPIF Skills Development Fellowship.** Mortimer K (PI). £286,000. Translational and Quantitative NPIF Skills Development Fellowship in Global Health
- 2017 **Medical Research Council.** Allen S (PI), <u>Mortimer K</u> (co-I) et al. £218,002. Improving the survival, growth and developmental of low birth weight newborns through better nutrition
- 2018 **Medical Research Council**. Biagini G, <u>Mortimer K</u> (co-lead) and Diggle P. £188,132. Liverpool School of Tropical Medicine and Lancaster University NPIF Studentships
- 2018 **National Institute for Health Research.** Grigg J, Mortimer K (co-I) et al. £2m. NIHR Global Health Research Unit on improving asthma outcomes in African children at Barts and The London Queen Mary's School of Medicine and Dentistry
- 2018 **Wellcome Trust** Clinical PhD. Awarded to Sepedeh Saleh. Mortimer K (primary supervisor). £455,000. A new approach to air pollution in peri-urban Malawi.
- The Academy of Medical Sciences. Lesosky M (PI) and Mortimer K (co-I). £92.6k. Newton Advanced Fellowship: Biostatistical Methods for Bayesian Analysis of Multilevel Models of Lung Health in Africa.
- 2018 **Medical Research Council and Kenya National Research Fund Newton-Utafiti**. <u>Mortimer K</u> and Muhwa C (co-Pls). **£715k**. Non-communicable lung disease in Kenya: from burden and early life determinants to participatory inter-disciplinary solutions.
- 2018 **Medical Research Council Skills Development Fellowship Programme**. <u>Mortimer K</u> (PI). **£580k**. Translational and Quantitative Skills Development Fellowships in Global Health

		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
International Union against Tuberculosis and lung					KM is Director of Lung Health
disease (The Union)		Χ			for The Union



Name: Antonio Anzueto MD

Member of: GOLD Science Committee

			Non-		
		Personal			
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
					Research Grant
					University of
					Texas Health,
GlaxoSmithKline	Yes	Yes			Consultant
Boheringer-Ingelheim		Yes			Consultant
AstraZeneca		Yes			Consultant
Novartis		Yes			Consultant
Sunovion Pharmaceutical		Yes			Consultant



Name: Peter Barnes

Member of: GOLD Science Committee

		Dangamal	Non-		
Name of Entity	Grant?	Personal Fee?	Financial Support?	Other?	Comments:
AstraZeneca	Yes	Yes	No	No	
GSK	No	Yes	No	No	
Boehringer Ingelheim	Yes	Yes	No	No	
Novartis	No	Yes	No	No	
Teva	No	Yes	No	No	
Pieris	No	Yes	No	No	
Heptaris	yes	No	No	No	
No shares					



Name: Jean Bourbeau

Member of: GOLD Science Committee

		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
CIHR	Yes				
Canadian Respiratory Research Network (CRRN)	Yes				
Canadian Thoracic Society		Yes			Consultant/Lecture
CHEST		Yes			Consultant/Lecture
Foundation of the MUHC	Yes				
Aerocrine	Yes				
AstraZeneca	Yes	Yes			Advisor/Lecture
Boehringer Ingelheim	Yes	Yes			Advisor/Lecture
Grifols	Yes	Yes			Advisor/Lecture
GlaxoSmithKline	Yes	Yes			Advisor/Lecture
Novartis	Yes	Yes			Advisor/Lecture
Trudell	Yes	Yes			Advisor/Lecture



Name: MeiLan Han

Member of: GOLD Science Committee

		Dangamal	Non- Financial		
Name of Entity	Grant?	Personal Fee?	Support?	Other?	Comments:
GSK		Χ			
ВІ		Χ			
AstraZeneca		Χ			
Novartis			X		Research support
Sunovion			х	Х	Research support



Name: Fernando Jose Martinez

Member of: GOLD Science Committee

			Non-		
		Personal	Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
Name of Littley	Grant:	ree:	Support:	Other:	COPD Advisory
					Boards, Study
					Steering
					Committee
AstraZeneca	х	Х	x		including travel
Astrazeneca	Λ	Α	, <u>, , , , , , , , , , , , , , , , , , </u>		COPD Advisory
					Board including
Boehringer Ingelheim		Х	х		travel
boeninger ingemein		Λ	Λ		COPD Advisor
					without financial
ProTerrix Bio			x		support
TTOTETTIX BIO			Λ		COPD Advisory
					Board including
Chiesi		Х	x		travel
Cinesi		Λ			COPD Advisory
					Boards, DSMB
					and Study
					Steering
					Committees
GlaxoSmithKline	Х	Х	x		including travel
			,		COPD Advisory
					Board including
Sunovion		Х	х		travel
					COPD Advisory
					Board including
Teva		Х	x		travel
-					COPD Advisory
					without financial
Verona			X		support

Name: Alberto Papi

Member of: GOLD Science Committee



		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
AstraZeneca	Yes	Yes			
Boehringer Ingelheim	Yes	Yes			
Chiesi Farmaceutici	Yes	Yes			
GlaxoSmithKline	Yes	Yes			
Mundipharma		Yes			
TEVA	Yes	Yes			
Novartis	Yes	Yes			
Zambon		Yes			
Malesci/Guidotti		Yes			
Sanofi	Yes	Yes			
Menarini		Yes			

Name: Ian Pavord

Member of: GOLD Science Committee



Are there any relevant financial interests to disclose? (Yes or No in each box)

Name of Entity	Grant?	Personal Fee?	Non- Financial Support?	Other?	Comments:

In the last 5 years IDP has received speaker's honoraria for speaking at sponsored meetings from Astra Zeneca, Boehringer Inglehiem, Aerocrine, Almirall, Novartis, Teva, Chiesi, Sanofi/Regeneron and GSK and payments for organising educational events from AZ, GSK, Sanofi/Regeneron and Teva. He has received honoraria for attending advisory panels with Genentech, Sanofi/Regeneron, Astra Zeneca, Boehringer Ingelheim, GSK, Novartis, Teva, Merck, Circassia, Chiesi and Knopp and payments to support FDA approval meetings from GSK. He has received sponsorship to attend international scientific meetings from Boehringer Ingelheim, GSK, Astra Zeneca, Teva and Chiesi. He has received a grant from Chiesi to support a phase 2 clinical trial in Oxford. In 2014-5 he was an expert witness for a patent dispute involving Astra Zeneca and Teva.



Name: Nicolas ROCHE

Member of: GOLD Science Committee

		Personal	Non- Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
AstraZeneca		Yes			
Boehringer Ingelheim	Yes	Yes			
Chiesi		Yes			
Novartis	Yes	Yes			
Pfizer	Yes	Yes			
Sanofi		Yes			
Sandoz		Yes			
Mundipharma		Yes			
GSK		Yes			
3M		Yes			



Name: Don Sin

Member of: GOLD Science Committee

			Non-		
Name of Entity	Grant?	Personal Fee?	Financial Support?	Other?	Comments:
AstraZeneca	yes	yes			
Boehringer Ingelheim	yes	yes			
Nuvaira	no	yes			

Name: Dave Singh

Member of: GOLD Science Committee



Name of Entity	Grant?	Personal Fee?	Non- Financial Support?	Other?	Comments:
AstraZeneca	Υ	Υ			
Boehringer Ingelheim	Υ	Υ			
Chiesi	Υ	Υ			
Cipla		Υ			
Genentech		Υ			
GlaxoSmithKline	Υ	Υ			
Glenmark	Υ	Υ			
Menarini	Υ	Υ			
Mundipharma	Υ	Υ			
Novartis	Υ	Υ			
Peptinnovate		Υ			
Pfizer	Υ	Υ			
Pulmatrix	Υ	Υ			
Verona	Υ	Υ			



Name: R. A. Stockley

Member of: GOLD Science Committee

			Non-		
		Personal	Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
CSL Behring		no	no	yes	Ad Board/travel
					lecture fee and
Grifols		no	no	yes	travel
GSK		no	no	yes	Ad Board/ travel
					Ad Board and in vitro
					experimental
Mereo biopharma		no	no	yes	support
Vertex		no	no	yes	Ad board
Novartis		no	no	yes	Ad board
Shire		no	no	yes	Ad board
Akari therapeutics		no	no	yes	Ad board



Name: Jørgen Vestbo

Member of: GOLD Science Committee

			Non-		
		Personal	Financial		
Name of Entity	Grant?	Fee?	Support?	Other?	Comments:
					Advising and
AstraZeneca		Χ			presenting
					Unrestricted
Boehringer-Ingelheim	□ X				biomarker grant
					Advising and
Boehringer-Ingelheim		Χ			presenting
					Advising and
Chiesi		Х			presenting
					Son is an
Chiesi				x	employee (in Chiesi Denmark)
Cillesi				^	Advising and
GSK		Х			presenting
dsk		Λ			Advising and
Novartis		Х			presenting
					p. eseming