

CARA: THE CONSCIENCE OF ANTIMICROBIAL RESISTANCE ACCOUNTABILITY

THE WORLD ALLIANCE AGAINST ANTIBIOTIC RESISTANCE, WAAAR, IS A FOUNDING MEMBER OF CARA, THE CONSCIENCE OF ANTIMICROBIAL RESISTANCE ACCOUNTABILITY. WAAAR PRESIDENT **DR JEAN CARLET** IS A STEERING COMMITTEE MEMBER OF CARA



The UN General Assembly High-Level Meeting on Antimicrobial Resistance in September 2016 opened a new era of global involvement in the effort to ensure sustainable access to effective antimicrobials. The Conscience of Antimicrobial Resistance Accountability (CARA) was established to monitor progress globally towards the goals set forth in the political declaration of the high-level meeting of the General Assembly on antimicrobial resistance (1), adopted by the UN membership. A wide-ranging institutional membership will observe activities and report on a common set of objective indicators developed by the CARA steering committee. CARA is still in its formative phase, with a baseline report planned for September 2017

Membership

CARA is an alliance of independent organizations. All organizations – public, private, for-profit and non-profit – are welcome as members of CARA. A founders' steering committee has been appointed by CARA's convener, the Center for Disease Dynamics, Economics & Policy (CDDEP), to establish a structure and *modus operandi*. The leadership is from the non-profit sector, to avoid conflicts of interest or the appearance of such conflicts.

Structure

CARA will operate through at least three main branches: human, animal and environment. The human branch, which will inevitably be the largest and cover the most indicators, will likely be subdivided into sub-branches such as stewardship, education and surveillance. Each branch or sub-branch will have one or two lead organizations, which will spearhead the collection of indicator data and publication of reports.

Member organizations will contribute to branch reports by collecting and reporting data on indicators specific to their

area of interest in their home country, and participating in annual or biannual meetings.

Work cycle and reporting

The work will take place on a two-year cycle. Each major branch will report on global progress for its set of indicators every two years, with reports from the branches appearing at staggered intervals. A global report, including all branch reports, will be produced at the end of each two-year cycle.

Reporting will be as transparent as possible. Indicator data will be subject to validation to ensure reliability. Indicator data sources will be made public and accessible, to the extent possible.

Reports will be framed to be as helpful as possible to countries and global organizations, to highlight successes and failures, with the aim of keeping the world on track to preserve the effectiveness of antimicrobials for all over the long term. CARA will serve as a global resource to identify implementation gaps and difficulties, and provide a basis for analysis by the broader community. ■

References

1. United Nations General Assembly. Political declaration of the high-level meeting of the General Assembly on antimicrobial resistance. New York, NY: United Nations; 2016.

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CARA MEMBERS

	DATE JOINED	DIRECTOR	WEBSITE
Alliance for the Prudent Use of Antibiotics (APUA)	12/10/2016	Jane A Kramer	www.apua.org
American Society for Microbiology (ASM)	27/09/2016	Susan Sharp	www.asm.org
Antibiotic Resistance Action Center (ARAC)	20/09/2016	Lance Price	http://publichealth.gwu.edu/arac
Australasian Society for Infectious Diseases (ASID)	27/09/2016	Cheryl Jones (President)	http://www.asid.net.au/
Australian Society for Antimicrobials (ASA)	22/09/2016	Benjamin Howden (President)	www.asainc.net.au
BEAM Alliance	01/12/2016	Florence Séjourné	http://beam-alliance.eu/
British Society for Antimicrobial Chemotherapy (BSAC)	20/09/2016	Dilip Nathwani	http://www.bsac.org.uk/
CARB-X	27/09/2016	Kevin Outterson	http://www.carb-x.org/
Cempra Inc	23/09/2016	Prabhavathi Fernandes (President and CEO)	cempra.com
Center for Disease Dynamics, Economics & Policy (CDDEP)	20/09/2016	Ramanan Laxminarayan	cddep.org
Center for Global Development (CGD)	20/09/2016	Amanda Glassman (COO and Senior Fellow)	www.cgdev.org
Center for Global Health and Development	30/11/2016	Prof. Donald Thea	www.bu.edu/cghd/
Center for Infectious Disease Research and Policy (CIDRAP)	20/09/2016	Michael Osterholm	cidrap.umn.edu
Central University of Punjab	20/09/2016	Dr S.S. Johl (Chancellor)	www.cup.ac.in
CIUSSS Mauricie et Centre-du-Quebec	02/12/2016	Martin Beaumont (CEO)	http://Ciuusssmq.ca
CO-ADD (Community for Open Antimicrobial Drug Discovery)	20/09/2016	Matt Cooper (Program Leader)	www.co-add.org
Commonwealth Medical Trust (Commat)	27/09/2016	Marianne Haslegrave	www.NGOsBeyond2014.org
Commonwealth Pharmacists Association	05/01/2017	Raymond Anderson (President)	www.commonwealthpharmacy.org
Cranimal	26/09/2016	Dr Wilma Pretorius	www.cranimals.com
DRIVE-AB	26/09/2016	Stephan Harbarth	drive-ab.eu
Federation of Infectious Diseases Societies of South Africa	20/09/2016	Prof Marc Mendelson	http://www.fidssa.co.za/
Fungal Infection Study Forum	22/02/2017	-	www.fisftrust.org
GARP-Kenya	20/09/2016	Sam Kariuki (Chair)	cddep.org/garp/kenya
German Center for Infection Research (DZIF)	20/09/2016	Timo Jaeger	dzif.de/en
Global Alliance for Infections in Surgery	05/11/2016	Massimo Sartelli	www.infectionsurgery.org
Global Hygiene Council	28/11/2016	John Oxford (Chair)	http://www.hygienecouncil.org/
ID Genomics, Inc.	13/02/2017	Kaveri Parker (President & CEO)	www.idgenomics.com
Infection Control Africa Network (ICAN)	23/02/2017	Prof S Mehtar (Chair of Board)	www.icanetwork.co.za
Infectious Diseases Data Observatory (IDDO)	16/03/2017	Professor Philippe Guérin	www.iddo.org
Inter-regional Association for Clinical Microbiology and Antibiotic Chemotherapy (IACMAC)	25/02/2017	Prof. Roman Kozlov	www.antibiotic.ru
International Society for Infectious Diseases	28/11/2016	Britta Lassmann (Program Director)	www.isid.org
International Society of Chemotherapy for Infection and Cancer (ISCI)	24/10/2016	Ian Gould	www.ischemo.org
Massachusetts General Hospital Center for Global Health	13/02/2017	Dr Naresh Trehan (Chairman)	http://www.mghcgh.org/
Medanta The Medicity Hospital	13/11/2016	Rajeev Nagassar	http://www.medanta.org/
Microbiology, The Eastern Regional Health Authority (Trinidad and Tobago)	16/12/2016	Dr Ferenc Demeter	www.health.gov.tt/sitepages/default.
asp?id=90		Ricardo Barros (Minister)	www.spitalmciuc.ro
Miercurea Ciuc Emergency County Hospital	29/09/2016	Maria Elena López Núñez (Minister)	saude.gov.br
Ministério da Saúde - Brasil	16/12/2016	Dr Victor Dzau (President)	https://www.ministeriodosalud.go.cr/
Ministerio de Salud de Costa Rica	15/12/2016	Prof. Folasade Ogunsola (Executive Chairman)	http://nam.edu
National Academy of Medicine	30/11/2016	Frank Smith	https://nicanigeria.wordpress.com/
Nigerian Infection Control Association (NICA)	02/03/2017	Frode Forland (Project Leader, Global Health Preparedness)	www.nomoreepidemics.org
No More Epidemics	27/09/2016	Ron Bialek (President)	fhi.no/en
Norwegian Institute of Public Health (NIPH)	20/09/2016	Dr Andreea Moldovan (Dir of Infectious Diseases)	www.phf.org
Public Health Foundation	01/12/2016	Erika Kurt (President)	www.spitalulsfconstantin.ro
Saint Constantin Hospital	29/09/2016	Prof Marc Mendelson	www.smallworldinitiative.org
Small World Initiative	27/09/2016	Michael Long	http://www.fidssa.co.za/SAASP
South African Antibiotic Stewardship Programme	20/09/2016	Carolyn Maduza, Dr. Charlene Reed, Michelle Gomez (Board of Directors)	spectrum.md
Spectrum Mobile Health Inc.	26/09/2016	Allan Coukell (Health Director)	www.thefcar.org
The Foundation to Combat Antimicrobial Resistance	09/01/2017	Eve Humphreys (Executive Director)	pewtrusts.org
The Pew Charitable Trusts	20/09/2016	Alan Court (Senior Advisor)	www.shea-online.org
The Society for Healthcare Epidemiology of America	11/01/2017	Ronald T. Piervincenzi, Ph.D. – CEO	healthenvoy.org
United Nations Special Envoy for Health	01/11/2016	Sabiha Essack	http://sabihaessack.ukzn.ac.za/
United States Pharmacopeial Convention (USP)	28/09/2016	Pawan Chaudhary (Managing Director)	http://www.venusremedies.com/
University of KwaZulu-Natal College of Health Sciences, Antimicrobial Research Unit	06/02/2017	Jean Carlet	www.ac2bmr.fr/index.php
AntimicrobialResearchUnit.aspx		Prof. Zhaohui Wu	http://www.zju.edu.cn/
Venus Remedies Limited (VRL)	27/02/2017		
World Alliance Against Antibiotic Resistance (WAAAR)	20/09/2016		
Zhejiang University	30/11/2016		