



INTERNATIONAL AWARDS 2020 LIFE AND ENVIRONMENTAL SCIENCES

SUMMARY 2020 TO PREPARE THE 2022 CALL FOR NOMINATION

INTERNATIONAL AWARDS – LIFE AND ENVIRONMENTAL SCIENCES 2020 CALL FOR NOMINATION



269 NOMINATIONS

122 new files
(147 files from 2018)



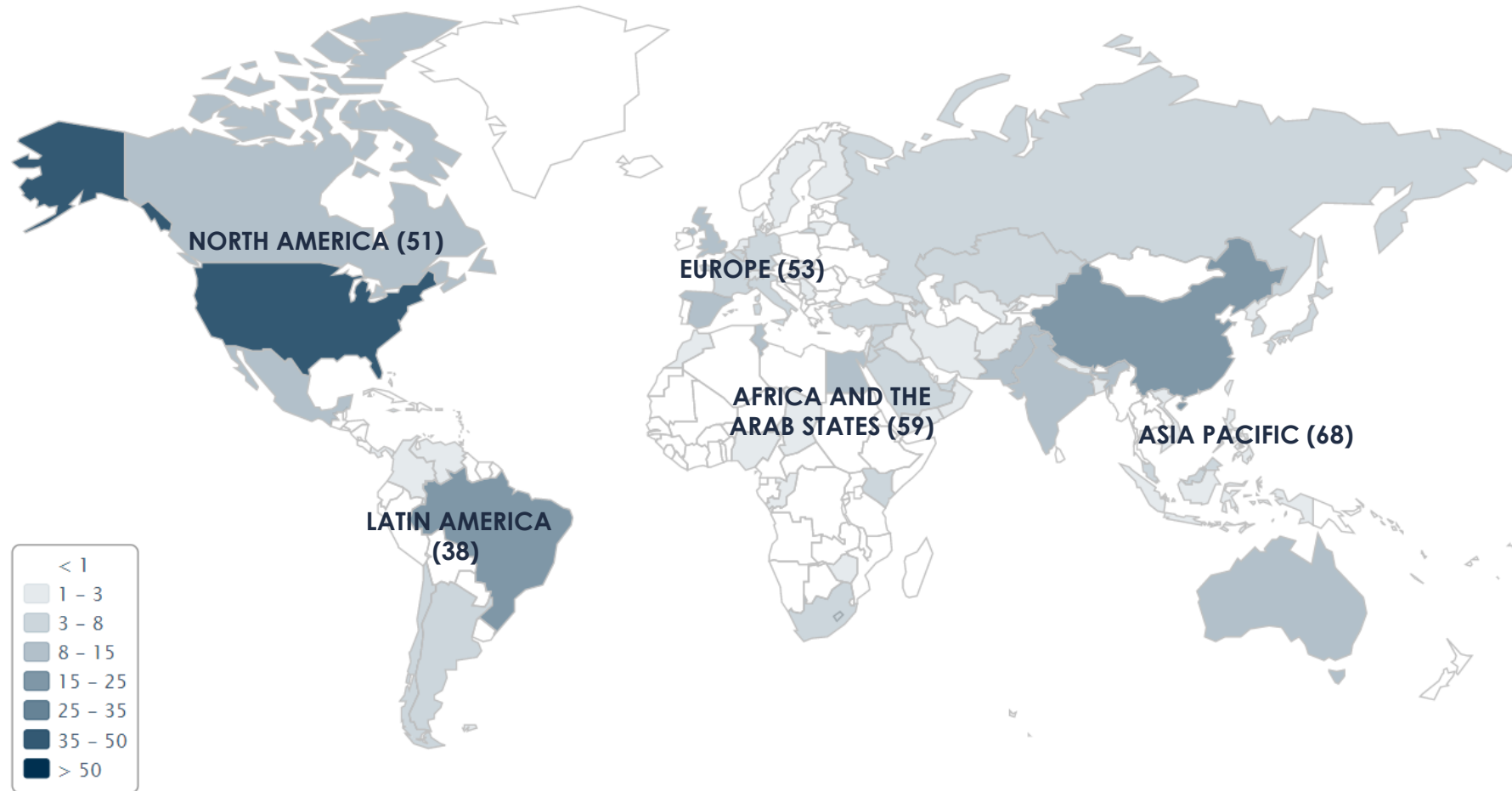
66 COUNTRIES

(62 countries in 2018)

2018	DISCIPLINES	2020
146	Biological Sciences	142
0	Biochemistry	9
42	Ecology and Environmental Sciences	27
79	Medicine and Health Sciences	93

INTERNATIONAL AWARDS – LIFE AND ENVIRONMENTAL SCIENCES

GEOGRAPHIC DISTRIBUTION - NOMINATIONS



INTERNATIONAL AWARDS – LIFE AND ENVIRONMENTAL SCIENCES 2020 SHORTLIST



SHORT LIST OF 66 NOMINATIONS

66 files assessed by 10 jury
members worldwide



37 COUNTRIES

14 nominees from Europe
15 from North America
12 from Asia Pacific
12 from Africa and the Arab States
13 from Latin America

DISCIPLINES

2020

Biological Sciences

30

Biochemistry

3

Ecology and Environmental
Sciences

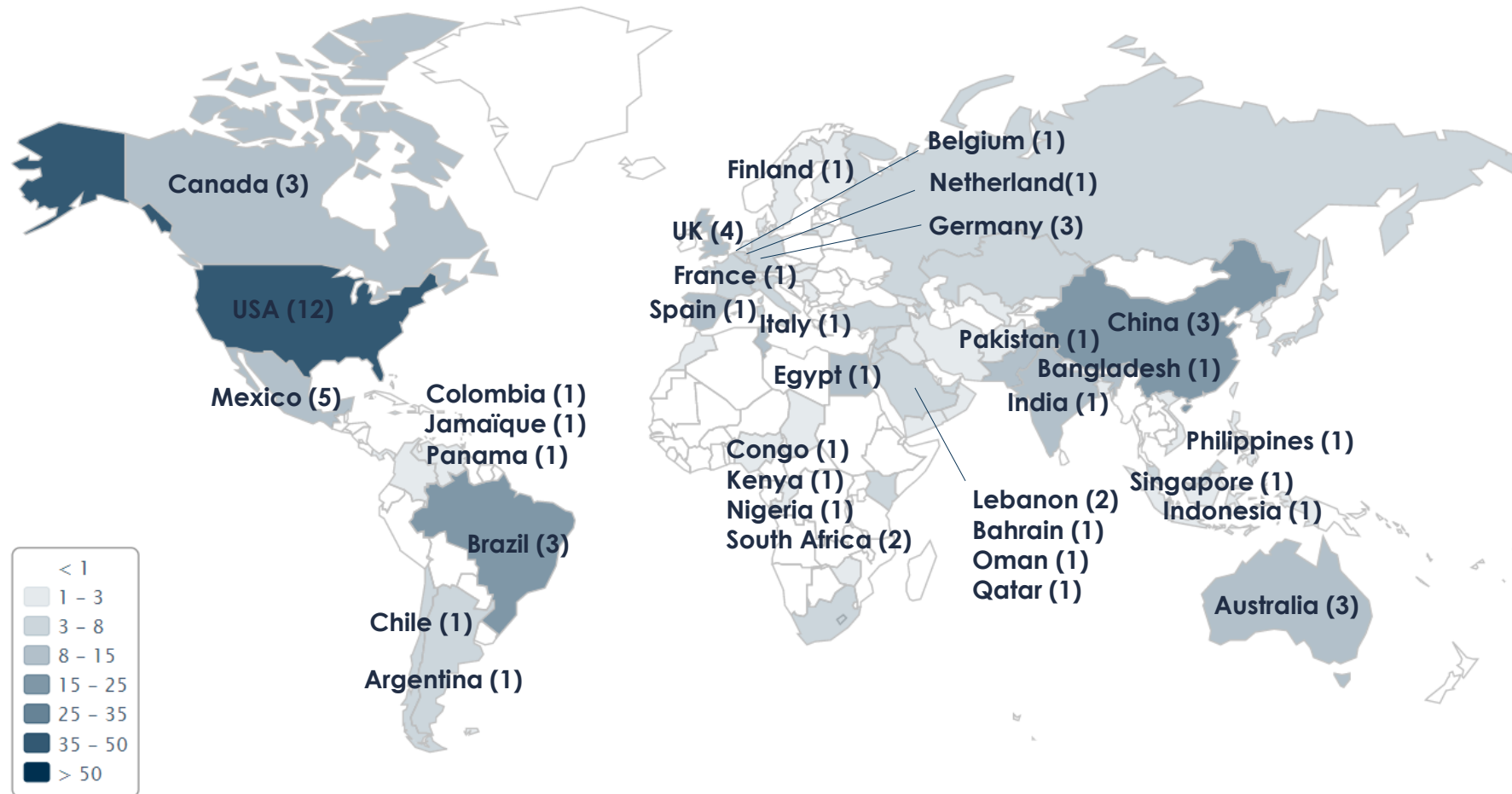
7

Medicine and Health
Sciences

26

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INTERNATIONAL AWARDS – LIFE AND ENVIRONMENTAL SCIENCES

2022 JURY MEMBERS



Prof. Brigitte L. Kieffer
JURY PRESIDENT

Professor Dpt Psychiatry at McGill University Montreal Canada, INSERM Research Director in Strasbourg France and Member of the French Academy of Science

L'ORÉAL-UNESCO LAUREATE 2014

NEUROSCIENCES



Prof. Appolinaire Djikeng

Director, Centre for Tropical Livestock Genetics and Health (CTLGH) Chair, Tropical Agriculture & Sustainable Development, The Roslin Institute & Royal (Dick) School of Veterinary Studies College of Medicine and Veterinary Medicine, The University of Edinburgh, UK

AGRICULTURE SCIENCES AND BIOTECHNOLOGY



Prof. Raymond N. Dubois
MD, PhD

Dalton Professor of Biochemistry, Professor of Medicine; Mayo Clinic College of Medicine, Executive Director of the Biodesign Institute, Arizona State University, USA

MEDICINE AND CANCEROLOGY



Prof. Boshra Salem

Department of Environmental Sciences- faculty of Science, Alexandria University, EGYPT Director, International Relations office

ENVIRONMENTAL SCIENCES



Prof. Ana Belén Elgoyhen

Investigator at the Institute for Research on Genetic Engineering and Molecular Biology, National Scientific and Technical Research Council (CONICET), Buenos Aires, ARGENTINA

L'ORÉAL-UNESCO LAUREATE 2008

GENETIC ENGINEERING AND MOLECULAR BIOLOGY



Prof. Philip Hieter
FCAHS, FRSC

Professor of Medical Genetics, Michael Smith Laboratories, University of British Columbia, CANADA

MOLECULAR GENETICS AND MEDICINE



Prof. Kanyawim Kirtikara

Executive Director of the National Center for Genetic Engineering and Biotechnology (BIOTEC), THAILAND

GENETIC ENGINEERING AND BIOTECHNOLOGY



Prof. Anne Dejean

Professor at the Institut Pasteur, Research Director at INSERM, Institut Pasteur, Paris, FRANCE

L'ORÉAL-UNESCO LAUREATE 2010

MOLECULAR BIOLOGY



Prof. Khaled Machaca

Professor of Physiology and Biophysics, Associate Dean for Research, Weill Cornell Medical College in Qatar, Doha, QATAR

PHYSIOLOGY AND CELL BIOLOGY



Prof. Augusto Rojas-Martínez

Professor of Biochemistry and Molecular Biology, School of Medicine and Centro de Investigación y Desarrollo en Ciencias de la Salud, Universidad Autónoma de Nuevo León, MEXICO

HUMAN GENETICS



Dr. Jacques Leclaire

Former Scientific Director of L'Oréal Group, FRANCE

BIOCHEMISTRY AND TOXICOLOGY

INTERNATIONAL AWARDS – LIFE AND ENVIRONMENTAL SCIENCES 2020 LAUREATES



North America
USA
BIO-ENGINEERING

**PROFESSOR
KRISTI S. ANSETH**

Awarded for her pioneering research in developing bioresponsive materials using innovative chemistry to stimulate tissue regeneration and drug delivery.

Latin America
MEXICO
ECOLOGY

**PROFESSOR
ESPERANZA MARTINEZ
ROMERO**

Awarded for her discovery and pioneering work on nitrogen fixing bacteria for improving agricultural productivity in staple crops, important for global food security.

Europe
FR/ UK / GR
EPIGENETICS

**PROFESSOR
EDITH HEARD**

Awarded for her seminal discoveries of the epigenetic mechanisms defining X-inactivation in female mammals, a fundamental process for dosage compensation and proper gene expression.

Africa & Arab States
LEBANON
EPIDEMIOLOGY

**PROFESSOR
ABLA MEHIO SIBAI**

Awarded for her pioneering research on non-communicable disease epidemiology and aging-related public health challenges in post war, and addressing the well-being of displaced populations.

Asia-Pacific
BENGLADESH
INFECTIOUS DISEASES

**DOCTOR
FIRDAUSI QADRI**

Awarded for her outstanding work to understand and treat infectious diseases affecting children in developing countries, and promote early diagnosis and vaccination with global health impact.

Laureates - Geographic repartition, 29/01/2021						
Region	Countries with a Laureate	Number of Life Science Laureates	Number of Physical science laureates	Special Laureates	Total number of Laureates	Year of designation
Africa & the Arab States	South Africa	5	1		6	2000, 2004, 2009, 2012, 2015, 2018
	Nigeria	2	2		4	1998, 2001, 2013, 2021
	Egypt	2	1		3	2002, 2003, 2010
	Tunisia	1	1		2	2005, 2006
	Kenya	1			1	2014
	Kuweit		1		1	2011
	United Arab Emirates	1			1	2008
	Marocco		1		1	2015
	Saudi Arabia		1		1	2017
	Lebanon	1	1		2	2019, 2020
	Mauritius		1		1	2007
Nort America	USA	11	8	1	20	2000, 2001, 2002, 2003, 2004, 2005, 2006 (x2), 2007, 2008, 2010, 2011, 2012, 2013, 2014, 2016, 2017, 2019, 2020, 2021
	Canada	1	2		3	2009, 2015, 2018
Latin America and the caribbean	Brazil	2	4		6	2001, 2004, 2005, 2009, 2013, 2015
	Mexico	4	2		6	2002, 2006, 2010, 2011, 2012, 2020
	Argentina	4	3		7	2003, 2008, 2014, 2016, 2018, 2019, 2021
	Chile	1	2		3	1998, 2007, 2017
	Ecuador	1			1	2000
Asia and the Pacific	Japan	2	5		7	2000, 2005, 2009, 2013, 2014, 2019, 2021
	Australia	3	1		4	2001, 2006, 2012, 2017
	China	3	3		6	2003, 2004, 2011, 2015, 2016, 2018
	Republic of Korea	2			2	2008, 1998
	Philippines	1			1	2010
	New Zealand		1		1	2007
	India	1			1	2002
Bangladesh	1			1	2020	
Europe	France	5	3	1	9	1998, 2002, 2004, 2005, 2010, 2014, 2019, 2020*, 2021
	UK	3	3		6	2001, 2009, 2012, 2013, 2015, 2018
	Germany	2		1	3	2002, 2006, 2016
	Sweden		1		1	2011
	Israel	1			1	2008
	Russia		1		1	2007
	Belgium	1			1	2006
	Turkey		1		1	2003
	Switzerland		1		1	2017
Spain	1			1	2000	
					117	