



# Oxford-Berlin-LSHTM Dialogue

## Healthy Planet – Healthy People

24<sup>th</sup> October 2019

Museum für Naturkunde  
Berlin

**8.15-8.45 Registration and refreshments**

**8.45-9.05 Welcome and Opening Remarks**

**Sir Andy Haines:** Professor of Environmental Change and Public Health, Centre on Climate Change and Planetary Health, London School of Hygiene & Tropical Medicine

**Christian Drosten:** Director, Institute of Virology, Scientific Director of Charité Global Health

**Alastair Buchan:** Director, Oxford in Berlin, Professor of stroke medicine, University of Oxford

**Andrew Farlow:** Senior Fellow, Oxford Martin School, University of Oxford, Oxford in Berlin

**9.05-10.20 Session 1: Climate change, pollution, human habitat and human health**

**Sir Andy Haines:** Professor of Environmental Change and Public Health, Centre on Climate Change and Planetary Health, London School of Hygiene & Tropical Medicine

**Sabine Gabrysch:** Professor for Climate Change and Health, Charité - Universitätsmedizin Berlin, and Potsdam Institute for Climate Impact Research

**Clare Heaviside:** Senior Research Fellow in the Environmental Change Institute, University of Oxford

**Paul Wilkinson:** Professor of Environmental Epidemiology, Centre on Climate Change and Planetary Health, LSHTM

**Christina Hoffman:** Head of Research, Outpatient Pneumology, Charité -  
Universitätsmedizin Berlin

**Moderators:**

**Alexandre Caseiro:** Institute for Advanced Sustainability Studies, Potsdam

**Christian Witt:** Professor of Pneumology Head, Division amb. Pneumology,  
Oncology/Transplantology, Charité - Universitätsmedizin Berlin

**10.20-10.30 Break**

**10.30-12.00 Session 2: One Health, human-animal interactions,  
infectious disease emergence, spatial modeling, and pandemic  
preparedness**

**Christian Drosten:** Director, Institute of Virology, Scientific Director, Charité Global  
Health

**Moritz Kraemer:** Senior Research Fellow, Department of Zoology, University of Oxford

**Fabian Leendertz:** Head of unit, Epidemiology of highly pathogenic microorganisms,  
Robert Koch-Institut

**Rachel Lowe:** Royal Society Dorothy Hodgkin Fellow, Assistant Professor, Faculty of  
Epidemiology and Population Health, Department of Infectious Disease Epidemiology,  
LSHTM

**Maximilian Gertler:** Institute of Tropical Medicine and International Health, Charité -  
Universitätsmedizin Berlin

**Additional Panel:**

**Jan Felix Drexler:** Professor, virus discovery, Institute of Virology, Charité –  
Universitätsmedizin Berlin

**Luzie Verbeek:** Robert Koch-Institut

**Moderators:**

**Sébastien Calvignac-Spencer:** Deputy-head of unit, Epidemiology of highly pathogenic  
microorganisms, Robert Koch-Institut

**Andrea Winkler:** Co-Chair, Lancet One Health Commission, and Director, Centre for  
Global Health, University of Oslo

**12.00-12.10 Break**

**12.10-13.25 Session 3: Land, livestock, nutrition, food and water  
security**

**Pauline Scheelbeek:** Assistant Professor in Nutritional and Environmental Epidemiology,  
LSHTM

**Benjamin Bodirsky:** Potsdam Institute for Climate Impact Research

**Marco Springmann:** Senior Researcher on Environmental Sustainability and Public  
Health, Oxford Martin Programme on the Future of Food, Centre on Population  
Approaches for Non-Communicable Disease Prevention, Nuffield Department of  
Population Health, University of Oxford

**Marcus Doherr:** Head of Institute for Veterinary Epidemiology and Biostatistics, Freie  
Universität Berlin, Associate Dean for Teaching, Diplomat of the European College for  
Veterinary Public Health (ECVPH)

**Brian Cook:** Senior Researcher—health behaviours, Leader, Behaviours work package of the Livestock, Environment and People (LEAP), Nuffield Department of Primary Care Health Sciences, University of Oxford

**Moderators:**

**Sabine Baunach:** Medical Doctor, International Health Consultant, and KLUG

**Larry Roope:** Senior Researcher, Health Economics Research Centre, University of Oxford

**13.25-14.10 Lunch**

**14.10-15.35: Session 4: One Health, environmental and human-induced drivers of antimicrobial resistance**

**Susie Dunachie:** Associate Professor, Infectious diseases physician and clinical microbiologist for the Global Research on AntiMicrobial Resistance (GRAM) Study, University of Oxford

**Sebastian Haller:** Institute of Public Health, Charité, Robert Koch-Institut

**Christiane Dolecek:** University Research Lecturer, Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford

**Friederike Maechler:** Institute of Hygiene and Environmental Medicine, Charité - Universitätsmedizin Berlin

**Dirk Brockmann:** Professor at the Institute for Biology, Humboldt University, and Robert Koch Institut

**Helen Johnson:** European Centre for Disease Prevention and Control, Stockholm

**Additional Panel:**

**Christian Drosten:** Director, Institute of Virology, Scientific Director, Charité Global Health

**Chris Conlon:** Interim Head of Nuffield Department of Medicine, Chair of governance committee Center for Tropical Medicine and Global Health, Professor of Infectious Diseases, University of Oxford

**Moderators:**

**Koen Pouwels:** Senior Researcher, Health Economics Research Centre, University of Oxford

**Tim Eckmanns:** Robert Koch-Institut

**15.35-16.50 Session 5: Nature-based solutions, biodiversity, resilient ecosystems, health and wellbeing**

**Kim Gruetzmacher:** Program Manager, Wildlife Health Program, Wildlife Conservation Society

**Nathalie Seddon:** Professor of Biodiversity, Director of the Nature-Based Solutions Initiative, University of Oxford

**Jörg Freyhof:** Museum für Naturkunde, Berlin

**Lucien Georgeson:** Policy Adviser with the Secretariat of the Rockefeller Foundation Economic Council on Planetary Health, Oxford Martin School, University of Oxford

**Jenni Cole:** Public Health Policy Adviser, Rockefeller Foundation Economic Council on Planetary Health, Oxford Martin School, University of Oxford, Research Fellow, AMR, Department of Geography, Royal Holloway, University of London

**Moderators:**

**Thomas von Rintelen:** Museum für Naturkunde, Berlin

**Sylvia Hartmann:** Charité, Students for Planetary Health Berlin (SfPHBerlin), and BVMD (German Medical Students Association)

**16.50-17.00 Break****17.00-18.15 Session 6: Knowledge at the interface of science, politics and society: Achieving evidence-based sustainable planetary health action, at global, regional, and local scale**

**Kristine Belesova:** Research Fellow and Deputy Director, Centre on Climate Change and Planetary Health, LSHTM

**Janet Stott:** Deputy Director and Head of Public Engagement, Oxford University Museum of Natural History

**Oskar Masztalerz:** Students for Planetary Health Berlin (SfPHBerlin), and Humboldt University, training program on planetary health

**Nicole de Paula:** Klaus Töpfer Sustainability Fellow, Institute for Advanced Sustainability Studies, Potsdam, and associate researcher at the University of Sao Paulo (IEA)

**Michael Palmer:** Senior Fellow, Institute for Advanced Sustainability Studies, Potsdam

**Moderators:**

**Chris Waltzer:** Director, Wildlife Health Program, Wildlife Conservation Society

**Martin Herrmann:** KLUG - Deutsche Allianz Klimawandel und Gesundheit

**18.15-19.00 Discussion and next steps**

**Sir Andy Haines:** Professor of Environmental Change and Public Health, Department of Public Health, Environments and Society and Department of Population Health, LSHTM

**Andrew Farlow:** Senior Fellow, Oxford Martin School, University of Oxford

**19.15-21.15 Reception in the Museum für Naturkunde****Other participants in the meeting**

**Annette Abraham:** Technical University of Munich (TUM)

**Melvine Anyango Otieno:** Student Ambassador for Planetary Health, University of Eldoret, Kenya

**Tina Fischer:** LSHTM

**Detlev Ganten:** President, World Health Summit

**Sophie Gepp:** Bundesvertretung der Medizinstudierenden in Deutschland (BVMD, German Medical Students Association)

**Katrin Gerlach:** German Federal Foreign Office

**Thomas Gillespie:** Associate Professor, Departments of Environmental Sciences & Environmental Health, Emory University & Rollins School of Public Health

**Caroline Gotsche:** LSHTM

**Johanna Hanefeld:** Associate Professor, Health Policy and Systems Research, LSHTM

**Hans-Georg Höllerer:** Programme Officer, Bill and Melinda Gates Foundation, Berlin Office

**Jens Jetzkowitz:** Museum für Naturkunde, Berlin

**Özge Karadağ Çaman:** Center for Sustainable Development, Earth Institute, Columbia University

**Horst Korn:** Head of International Nature Conservation Division, German Federal Agency for Nature Conservation (BfN)

**Priya Lall:** Oxford and Charité

**Susan Lieberman:** Vice President International Policy, Wildlife Conservation Society

**Karima Manji:** LSHTM

**Annie Mark:** Director Strategic Relations, Germany, Wildlife Conservation Society

**Heike Marquart:** Students for Planetary Health Berlin (SfPHBerlin)

**Vikram Misra:** Acting Department Head, Department of Small Animal Clinical Sciences, Acting Graduate Chair and Professor, Department of Veterinary Microbiology, University of Saskatchewan

**Vincent Munster:** Senior Investigator, Virus Ecology Unit, US National Institutes of Health

**Jennifer Quandt:** Policy Advisor, Wellcome Trust, Berlin Office

**Sarah Reda:** Charité, Students for Planetary Health Berlin (SfPHBerlin)

**Cristina Romanelli:** WHO, Secretariat of Convention on Biological Diversity

**Caroline Schmutte:** German Office Lead, Wellcome Trust, Berlin Office

**Baljit Singh:** Dean, Faculty of Veterinary Medicine, University of Calgary

**Quintus Sleumer:** Charité, Students for Planetary Health Berlin

**Joe Walston:** Senior Vice President, Field Conservation Programs, Wildlife Conservation Society

**Nick Watts:** Executive Director, Lancet Countdown on health and climate change

## Notes and Guidance

- This meeting has been organized by ‘Oxford in Berlin’ in support of the goals of the Oxford-Berlin Research Partnership which covers the very broad research interests of the partner universities. In terms of public and global health activities, ‘Oxford in Berlin’ has increasingly adopted an open, welcoming, relationship with participants from institutions beyond those of the Oxford-Berlin Partnership in the spirit of creating a truly borderless, outward-looking, community of researchers and practitioners.
- The purpose of these meetings is not to run or manage new projects, but to enable participants to strengthen already existing collaborations and to form new collaborations in high-priority areas. A selection of joint Oxford-Berlin activities came out of the last, ‘Data in Health’, workshop, some of them now seed-funded. The hope is for a similar number of new Oxford-Berlin-LSHTM activities on priority themes to come out of this meeting, to flourish in whatever institutional settings best suit their needs.
- Attendees to this meeting are mostly (though not entirely) from Oxford, LSHTM, and Berlin/Potsdam institutes, but this composition is not the long-term intention. Once we have a clearer sense of direction and funding, researchers from around the world, with a particular focus on the global south, will play a significant role in activities.
- In the hope of giving individuals more time to contribute in discussion and to aid group dynamics, the compromise was made to not hold this as a public meeting. Participants are asked to, as far as practically possible, stay for the whole day in the hope of encouraging cross-cutting discussion that breaks across expertise boundaries.
- All attendees are asked to send a brief bio beforehand including a few key links to their work relevant to the themes of the workshop. Bios and links will be gathered in one file and shared before the meeting.
- Speakers are asked to present for a maximum of 6 minutes, to leave time for discussion. The point of presentations is to identify gaps, share areas of potential future work together, and help to define a collective vision, and less about giving details of methodology. The informal conversations in the breaks and during the social parts of the day are as important as presentations and discussion, particularly for forging new bonds that will lead to future collaborative work.
- The principle role of the moderators is to keep the flow of discussion going, to identify and record actionable points for the future, and to keep to timings. Moderators can, if they so wish, spend a minute or two first describing how their activities, and those of their institutions, relate to the themes of the day.
- We intend for the results of this workshop to contribute to the success of the 25<sup>th</sup> October meeting of the

German Federal Foreign Office in partnership with the Wildlife Conservation Society (WCS) “One Planet, One Health, One Future” at the German Federal Foreign Office in Berlin, and to link to two meetings in the spring of 2020 in The Gambia (LSHTM) and Uganda (WHS Regional meeting with a panel titled “One Health: Shaping the Blueprint for a Truly Holistic Approach to Health”). There is a great opportunity across this set of meetings for joined-up thinking, goal setting, and vision-crafting over many critical areas.

## Participants arranged by institutional affiliation

	<b>Name</b>	<b>Institute</b>	<b>email address</b>
1	Sophie Gepp	BVMD (German Medical Students Association)	[REDACTED]
2	Christian Drosten	Charité	[REDACTED]
3	Christina Hoffman	Charité	[REDACTED]
4	Christian Witt	Charité	[REDACTED]
5	Friederike Maechler	Charité	[REDACTED]
6	Felix Drexler	Charité	[REDACTED]
7	Maximilian Gertler	Charité	[REDACTED]
8	Quintus Sleumer	Charité	[REDACTED]
9	Sarah Reda	Charité and SfpHBerlin	[REDACTED]
10	Sylvia Hartmann	Charité, SfpHBerlin and BVMD	[REDACTED]
11	Martin Herrmann	Deutsche Allianz Klimawandel und Gesundheit	[REDACTED]
12	Özge Karadağ Çaman	Earth Institute, Columbia University	[REDACTED]
13	Helen Johnson	ECDC, Stockholm	[REDACTED]
14	Thomas Gillespie	Emory University & Rollins School of Public Health	[REDACTED]
15	Marcus Doherr	Freie Universität	[REDACTED]
16	Hans-Georg Hoellerer	Gates Foundation, Berlin office	[REDACTED]
17	Horst Korn	German Federal Agency for Nature Conservation	[REDACTED]
18	Katrin Gerlach	German Federal Foreign Office	[REDACTED]
19	Oskar Masztalerz	Humboldt-Universität	[REDACTED]
20	Dirk Brockmann	Humboldt-Universität, and RKI	[REDACTED]
21	Alexandre Caseiro	IASS	[REDACTED]
22	Nicole de Paula	IASS	[REDACTED]
23	Michael Palmer	IASS	[REDACTED]
24	Andrea Winkler	Lancet Commission on One Health, and TUM	[REDACTED]
25	Nick Watts	Lancet Countdown on health and climate change	[REDACTED]
26	Sir Andy Haines	LSHTM	[REDACTED]
27	Paul Wilkinson	LSHTM	[REDACTED]
28	Rachel Lowe	LSHTM	[REDACTED]
29	Pauline Scheelbeek	LSHTM	[REDACTED]
30	Johanna Hanefeld	LSHTM	[REDACTED]
31	Kristine Belesova	LSHTM	[REDACTED]
32	Karima Manji	LSHTM	[REDACTED]
33	Caroline Gotsche	LSHTM	[REDACTED]
34	Tina Fischer	LSHTM	[REDACTED]
35	Sabine Baunach	MD, International Health Consultant, and KLUG	[REDACTED]
36	Jens Jetzkowitz:	Museum für Naturkunde	[REDACTED]
37	Jörg Freyhof	Museum für Naturkunde	[REDACTED]
38	Thomas von Rintelen	Museum für Naturkunde	[REDACTED]
39	Alastair Buchan	Oxford	[REDACTED]
40	Andrew Farlow	Oxford	[REDACTED]
41	Clare Heavyside	Oxford	[REDACTED]
42	Moritz Kraemer	Oxford	[REDACTED]
43	Chris Conlon	Oxford	[REDACTED]
44	Marco Springmann	Oxford	[REDACTED]
45	Brian Cook	Oxford	[REDACTED]

46	Koen Pouwels	Oxford	[REDACTED]
47	Susie Dunachie	Oxford	[REDACTED]
48	Christiane Dolecek	Oxford	[REDACTED]
49	Nathalie Seddon	Oxford	[REDACTED]
50	Lucien Georgeson	Oxford	[REDACTED]
51	Larry Roope	Oxford	[REDACTED]
52	Priya Lall	Oxford and Charité	[REDACTED]
53	Jenni Cole	Oxford and Royal Holloway	[REDACTED]
54	Janet Stott	Oxford University Natural History Museum	[REDACTED]
55	Benjamin Bodirsky	PIK	[REDACTED]
56	Sabine Gabrysch	PIK and Charité	[REDACTED]
57	Fabian Leendertz	RKI	[REDACTED]
58	Luzie Verbeek	RKI	[REDACTED]
59	Sébastien Calvignac-Spencer	RKI	[REDACTED]
60	Tim Eckmanns	RKI	[REDACTED]
61	Sebastian Haller	RKI and Charité	[REDACTED]
62	Heike Marquart	SfPHBerlin	[REDACTED]
63	Annette Abraham	Technical University of Munich (TUM)	[REDACTED]
64	Baljit Singh	University of Calgary	[REDACTED]
65	Melvine Anyango Otieno	University of Eldoret, Kenya	[REDACTED]
66	Vikram Misra	University of Saskatchewan	[REDACTED]
67	Vincent Munster	US National Institutes of Health	[REDACTED]
68	Jennifer Quandt	Wellcome Trust, Berlin Office	[REDACTED]
69	Caroline Schmutte	Wellcome Trust, Berlin Office	[REDACTED]
70	Cristina Romanelli	WHO, Secretariat of Convention on Biological Diversity	[REDACTED]
71	Kim Gruetzmacher	Wildlife Conservation Society	[REDACTED]
72	Chris Walzer	Wildlife Conservation Society	[REDACTED]
73	Susan Lieberman	Wildlife Conservation Society	[REDACTED]
74	Annie Mark	Wildlife Conservation Society	[REDACTED]
75	Joe Walston	Wildlife Conservation Society	[REDACTED]
76	Detlev Ganten	World Health Summit	[REDACTED]

## Not present in the meeting but kept informed of developments

These events are designed to stimulate the strengthening of networks of researchers working in common areas of enquiry, working outwards from the initial partner organizations to eventually foster a strong international partnership. Not all those interested in attending are able to make the date of a meeting, many ask to be kept informed of developments, others we feel it useful to keep in the loop (and, to increase the numbers involved, sometimes new attendees take precedent over those who took part in a previous meeting). In this initial phase, those taking part on the day are urged to keep the names and interests of these other interested parties in their future discussions, project developments, and meetings. The list is not exhaustive.

**Ella Adlen:** Research and Programmes Manager, Oxford Martin School, University of Oxford

**Sam Bickersteth,** (till recently) Executive Director of the Rockefeller Foundation Economic Council on Planetary Health, Oxford Martin School, University of Oxford

**Chas Bountra:** Pro Vice-Chancellor, Innovation, University of Oxford

**Joachim von Braun:** Director of the Centre for Development Research (ZEF), University of Bonn; Chair of the Bioeconomy Council of the German Federal Government

**Reinhard Busse:** Professor and Director of the Department of Health Care Management, Technische Universität Berlin, Co-Director European Observatory on Health Systems and Policies

**Philip Clarke:** Professor in Health Economics, Director of the Health Economics Research Centre, Oxford

**Ben Cooper:** Professor at the Mahidol-Oxford Tropical Medicine Research Unit in Bangkok, University of Oxford

**Alan Dangour:** Professor in Food and Nutrition for Global Health, Director of the Centre on Climate

Change and Planetary Health, London School of Hygiene & Tropical Medicine

**Chris Dye:** Visiting Professor of Zoology, University of Oxford, formerly Director, Strategy, Office of the Director General, World Health Organisation

**Marina Escalera-Zamudio:** EMBO Postdoctoral Fellow, Department of Zoology, University of Oxford

**Christophe Fraser:** Professor of Pathogen Dynamics, Nuffield Department of Medicine, University of Oxford, and Big Data Institute, Li Ka Shing Centre for Health Information and Discovery, Oxford

**Howard Frumkin:** Head of Our Planet, Our Health, Wellcome Trust

**Tara Garnett:** Food Climate Research Network, Environmental Change Institute, and Oxford Martin School, University of Oxford

**Antonio Gasparrini:** Associate Professor of Biostatistics and Epidemiology, LSHTM

**Petra Gastmeier:** Director, Institute of Hygiene and Environmental Medicine, Charité - Universitätsmedizin Berlin,

**Dieter Gerten:** Professor of Global Change Climatology & Hydrology, Humboldt-Universität zu Berlin, Coordinator Earth Modelling, Potsdam Institute for Climate Impact Research (PIK)

**Sir Charles Godfray:** Director of the Oxford Martin School, Hope Professor of Zoology, Director of the Oxford Martin Programme on the Future of Food, University of Oxford

**Christoph Gornott:** Leader of the Working Group Adaptation in Agricultural Systems, Research Department II: Climate Resilience, Potsdam Institute for Climate Impact Research

**Patrick Hostert:** Prof. Geomatics Lab, Geography Department, Humboldt-Universität zu Berlin

**Susan Jebb:** Professor of Diet and Population Health, University of Oxford

**Sandra Junglen:** Research Group Leader, Institute of Virology, Charité - Universitätsmedizin Berlin

**Tobias Krueger:** IRI THESys, Humboldt-Universität zu Berlin

**Munib Khanyari:** Nature Conservation Council, Conservation Optimism. Currently Interdisciplinary Centre for Conservation Science (ICCS), University of Oxford

**Trudy Lang:** Professor of Global Health Research, and Director of The Global Health Network, University of Oxford

**Hermann Lotze-Campen:** Prof. Potsdam Institute for Climate Impact Research

**David Macdonald:** Professor of Wildlife Conservation and Director of the Wildlife Conservation Research Unit, Zoology, University of Oxford

**Mariam Maglakelidze:** Senior Fellow, Institute for Advanced Sustainability Studies, Potsdam

**Kevin Marsh:** Professor of Tropical Medicine, University of Oxford and senior advisor at the African Academy of Sciences

**Janey Messina:** Associate Professor, School of Interdisciplinary Studies, School of Geography and the Environment, Research Fellow, Green Templeton College

**Kirtsen Meyer:** Professorin für Praktische Philosophie an der Berliner Humboldt-Universität

**Eleanor Milner-Gulland:** Tasso Leventis Professor of Biodiversity at the University of Oxford and director of the Interdisciplinary Centre for Conservation Science

**Frank Mockenhaupt:** Director, Institute of Tropical Medicine and International Health, Charité University Medicine

**Tom Pienkowski:** Interdisciplinary Centre for Conservation Science, University of Oxford

**Peter Piot:** Director of the London School of Hygiene & Tropical Medicine, and a Handa Professor of Global Health

**Montira Pongsiri:** Senior Science Policy Advisor with The Rockefeller Foundation Economic Council on Planetary Health, and Visiting Scientist at the UN Environment Asia-Pacific Regional Office, Bangkok

**Oliver Pybus:** Professor of Evolution & Infectious Disease

**Nuno Rodrigues Faria:** Sir Henry Dale Fellow, Department of Zoology, Research Fellow in the Sciences, University of Oxford

**Apostolos Tsiachristas:** Senior Researcher at the Health Economics Research Centre, University of Oxford

**Johannes Vogel:** Professor of Biodiversity and Public Science, Humboldt Universität, Berlin, and Director, Museum für Naturkunde, Berlin

**Chris Walzer:** Director, Health Program, Wildlife Conservation Society

**Sarah Whitmee:** Executive Secretary, Rockefeller Foundation Economic Council on Planetary Health

**Lothar Wieler:** President, Robert Koch Institute, Berlin

**Kathy Willis:** Professor of Biodiversity, and Principle of St. Edmund Hall, University of Oxford