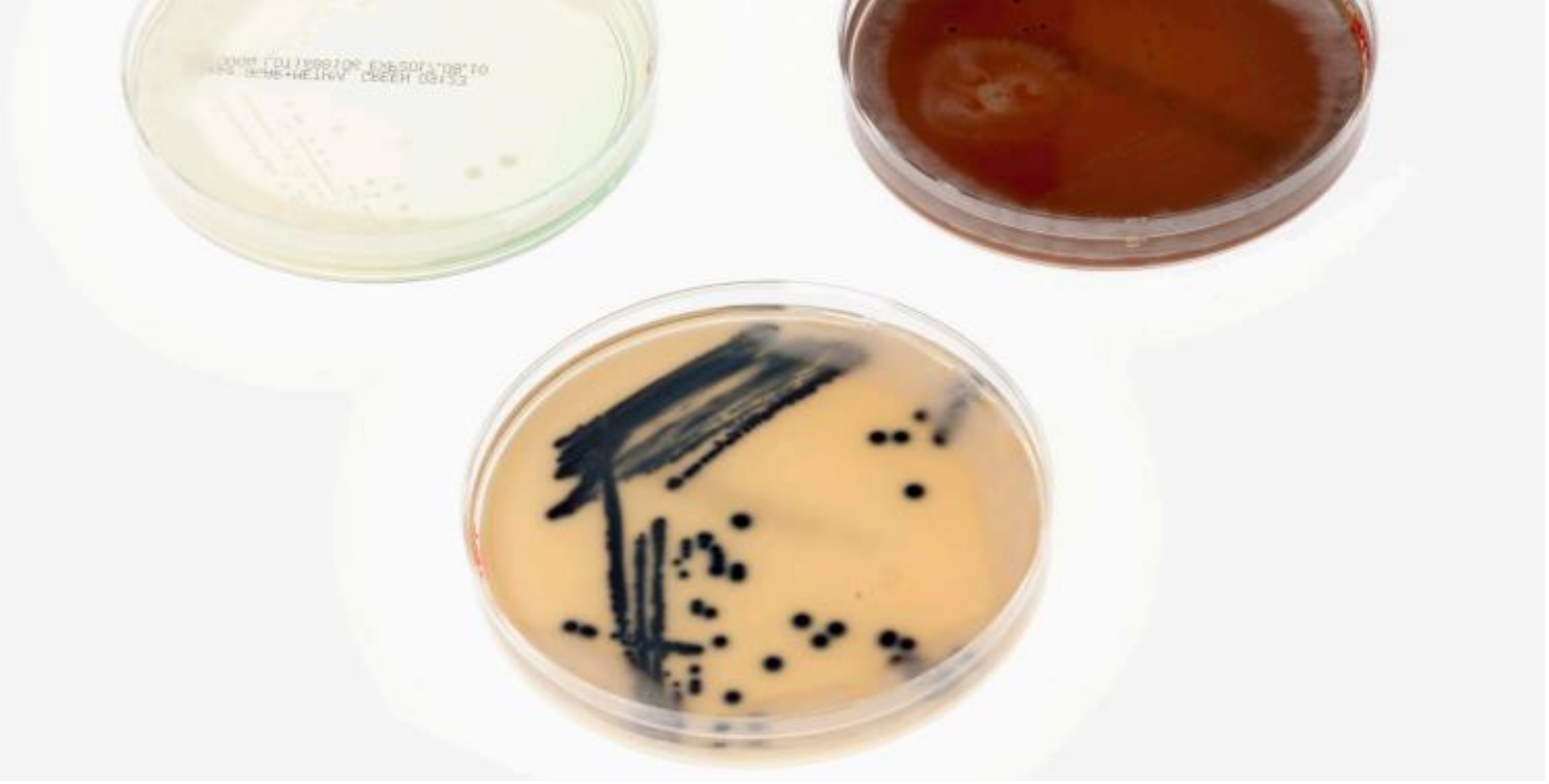
SCIENCE MUSEUM GROUP

SCIENCE AND HEALTH

Blueprint Exhibitions for hire

February 2023

With this brochure we are introducing three contemporary science exhibitions that explore the roles that science and health play in all our lives.



SCIENCE MUSEUM GROUP AND PUBLIC HEALTH

"The Science Museum Group places science at the heart of Britain's creative economy, celebrating its potential to change our lives for the better."

Dr Simon Chaplin, Former Director of Culture & Society, Wellcome Trust

MODERN SCIENCE AND HEALTH

With over 5 million visitors each year and an ambitious range of exhibitions, events and online resources, the Science Museum Group (SMG) is a global leader in science, technology, engineering and mathematics (STEM) engagement. We bring informal science education to a diverse range of audiences and age groups, making STEM accessible and relevant to all.

The Science Museum has explored many important topics around science and health. From the evolution of anaesthesia to the eradication of smallpox, SMG highlights the people, events, innovations and inventions that have shaped medicine as we know it today.

Faced with a recent crisis on a global scale, people around the world are responding with innovative solutions giving us hope that we can overcome some of the greatest medical challenges of our age. People around the world are becoming more engaged than ever in the science and technology being used in our bodies and are inspired to learn about those innovations that help us fight global challenges as we have most recently seen.

This brochure displays three of SMG's topical Blueprint exhibitions; *Injecting Hope, Cancer Revolution,* and *Superbugs.* These exhibitions have been used by a broad array of institutions to engage and inspire audiences from all walks of life to think about the creative ways in which science and health have informed each and every one of our lives.

BLUEPRINT PACK EXHIBITIONS

WHAT IS A BLUEPRINT PACK?

When putting together any temporary exhibition project, chasing the research, shaping the content, and imagining new designs for dynamic spaces are consistently the most expensive aspects to deliver, both in time and cost. Blueprint Packs (BPPs) allow you to remove these core steps, building on work that SMG has already accomplished and evaluated, providing you with those fundamental steps already in hand with a roadmap to deliver your own version of our exhibitions.

Each exhibition BPP contains SMG's content, concept, designs and research in the form of a digital package shared electronically with your organisation. This way of working allows for greater flexibility so that a local team can reproduce the exhibition and take it in new and exciting directions.

By working with local industry and scientists, you can use these exhibitions to provide a platform showcasing modern research angles and open young visitors' eyes to the endless opportunities in STEM careers.

A Blueprint Pack does not include any objects, or the collections as seen in the exhibitions when they are displayed at our museums. Content is entirely delivered in a digital format allowing a local team the flexibility to create an exhibition fully adapted to local audiences.

SIZE

Completely flexible, depending on your space and needs. The packs enable you and your local team to build an design an exhibition in line with your own available spaces, knowing that you have the high standards of an SMG exhibition at its core.

TARGET AUDIENCE

Independent adults, families, studies and older school groups. This can also be tailored to your local team to showcase objects from your own collection or it provides opportunities for collaboration with important stakeholders such as universities, research institutes, government and local industry.

HIRE PERIOD

No minimum hire period .

PRICE RANGE

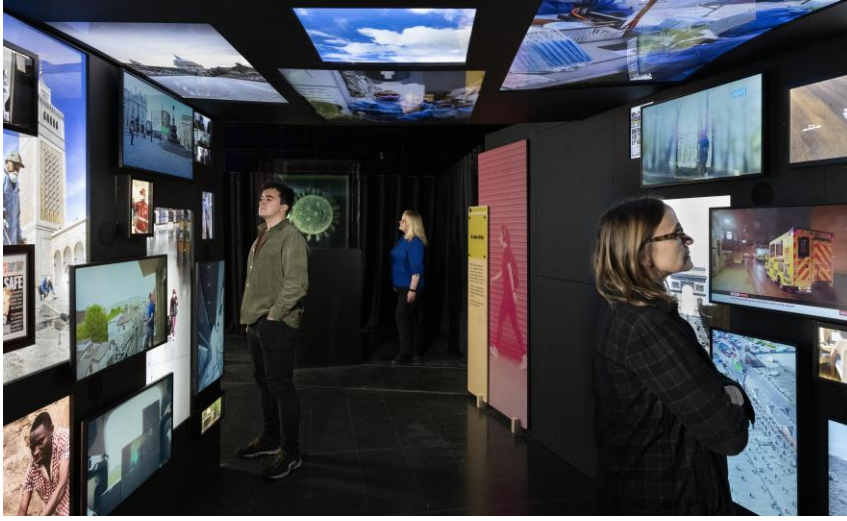
Hiring a Blueprint Pack avoids typically high costs such as transportation and insurance. The packs enable you and your local team to build and design an exhibition in line with your own available budgets, knowing that you have the reassurance of the high standards of a Science Museum Group exhibition at its core.

INJECTING HOPE

EXHIBITION OVERVIEW

Never before have vaccines been awaited with such anxiety and expectation across the world. In the wake of the COVID-19 pandemic, the *Injecting Hope* exhibition sets out the scientific principles underlying the creation and efficacy of COVID vaccines, while capturing some of the behind-the-scenes work that accompanied their rapid development, production, transport and delivery.

As well as unpacking some of the background medical science, this new Blueprint Pack exhibition highlights how innovative research was adapted to an urgent need and explore the sheer logistical challenges behind this global programme.



EXHIBITION STRUCTURE

The exhibition is divided into six sections.

A new virus; The emergence and spread of COVID-19 had enormous impacts across the globe, the fallout from which will be felt for many years. But how do new viruses appear and why was this one able to reach pandemic proportions?

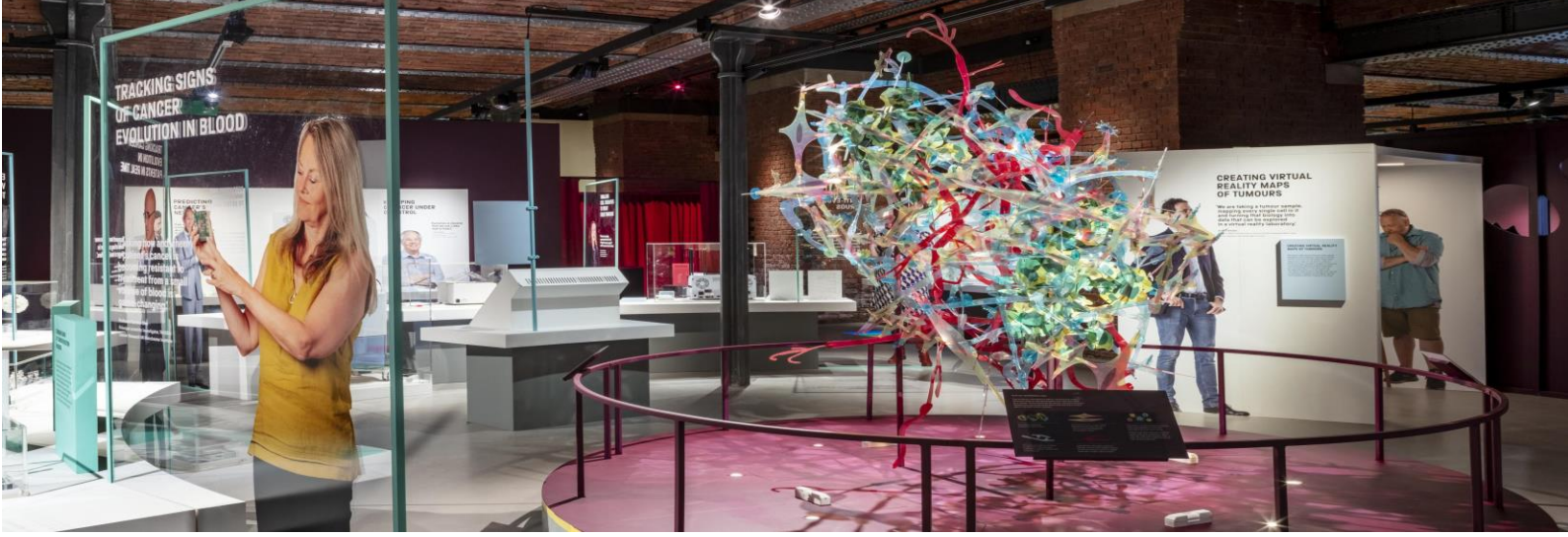
Designing a new vaccine: Scientists around the world began the pursuit of an effective vaccine, calling on established techniques and knowledge, learning from recent disease outbreaks and redirecting ongoing research. But why might vaccination be seen as the best way out of a pandemic and how do you go about designing a new vaccine?

Trials, results and approvals: Designing and making vaccines in the laboratory was one thing, but how could we be sure they worked and were safe?

Scaling up and mass production: How did preexisting infrastructure shift to produce vaccines on a global scale? What are the inner workings of a vaccine production facility?

The vaccine roll-out: Getting vaccines out to the wider population, at speed, was a vast and complex undertaking involving coordinated networks of people and places, and chains of delivery between vaccine manufacturers and recipients' arms.

Living with COVID-19 This is a virus that will not be going away, so how can we live with it and resume the lives we had before the pandemic?



CANCER REVOLUTION; SCIENCE INNOVATION AND HOPE

EXHIBITION OVERVIEW

This exhibition was created by the Science Museum Group with support from expert partner Cancer Research UK. At a pivotal moment when one in two people are diagnosed with cancer in their lifetime, more people than ever before are living longer, and better with the disease.

Cancer Revolution will empower visitors to re-examine their perceptions of this illness. Powered by stories of altruism and persistence, the exhibition unfolds through the stories of people who study, treat, and live with cancer. It reveals the hidden stories of researchers, clinicians and policymakers fuelling progress.

The exhibition intertwines their stories with those of people with who lived experiences of cancer in a powerful expression of shared hope: together we can live longer, better with, and beyond cancer.

EXHIBITION STRUCTURE

The exhibition is then divided into three sections:

What is Cancer?

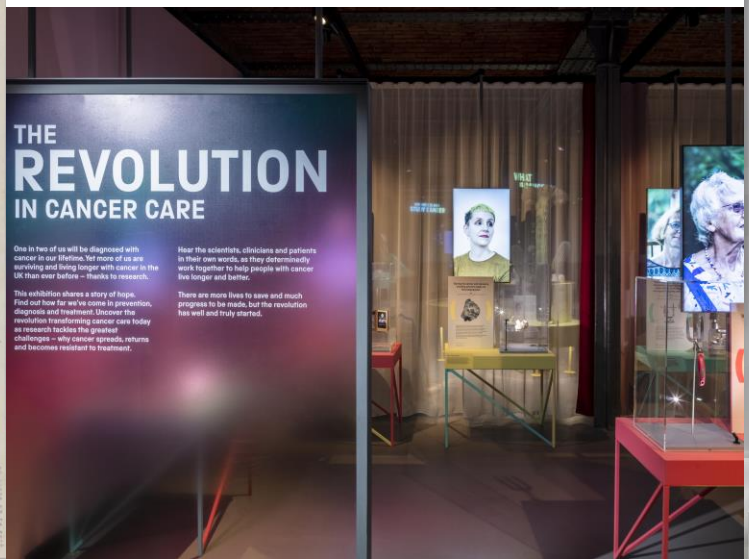
Immerses visitors in the basic biology of cancer to answer their most pressing questions - what is cancer and what causes it?

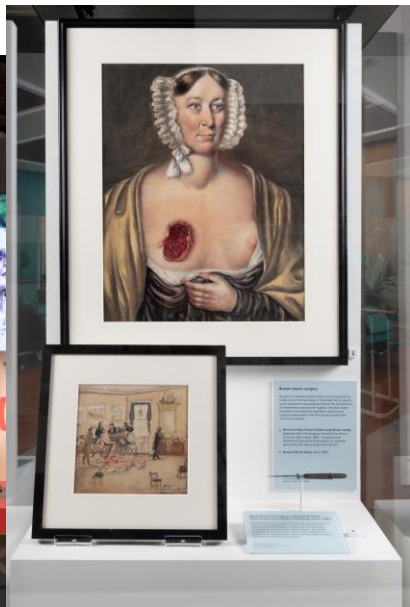
New Horizons in Cancer Research

Celebrates a wide range of researchers and projects using new and ingenious approaches to tackle cancer.

Taking Action

Steps away from the lab and brings our visitor back to the real world of lived experience, consequences and hopes of living longer and better with cancer.





SUPERBUGS

EXHIBITION OVERVIEW

Antibiotics have enabled us to combat diseases that were once untreatable. But bacteria have fought back, evolving into superbugs resistant to even the most powerful antibiotics.

Superbugs: The Fight for Our Lives explores how society is responding to the enormous challenge of antibiotic resistance, featuring scientific research from across the globe and the personal stories of those waging war on the superbugs.

Superbugs takes visitors on an eye-opening journey of discovery about this important issue and encourages a sense of global citizenship.

EXHIBITION STRUCTURE

Superbugs is divided into three sections, exploring the impact of antibiotics and antibiotic resistance on three different scales.

Microscopic
This first section addresses bacteria at their own scale, dealing with bacterial biology and ecology, and how these are being manipulated to treat infections in people. We also give instructions on how to develop your own bacterial 'zoo' and establish a key visual point to draw visitors into an alien and fascinating world beyond what we can see.

Human
In the human section, visitors can see how people's lives are changing because of antibiotic resistance. In turn, it also shows how people are reaction to this new threat to modern medicine. Through six independent scenes featuring six real people, the visitor can gain an overview of the many spheres of life that are changing and how individuals are making real impact.

Global
This section of the exhibition focuses on the international collaborations and networks that have evolved to address antibiotic resistance. Try your hand at running a government programme to contain an outbreak of superbugs or have a look at the incredible volume of antibiotic doses needed to treat the deadly and emerging Multi Drug Resistant Tuberculosis.

SCIENCE MUSEUM GROUP

Thank you for taking the time to consider this exhibition partnership opportunity.

Together, we can empower audiences to understand solutions to public health emergencies that concern us all around the world.

For more information, please contact:

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