the most important thing we make is a difference
WE ARE A GLOBAL HEALTHCARE LEADER
Our vision is to make a difference to people’s lives by bringing innovative healthcare to those who need it most. No matter how complex the challenges or difficult the path, we strive relentlessly to fulfill this vision. We are many people, working in many countries, all united by one aim – to help the world be well.
BRINGING THE WORLD PRESCRIPTION MEDICINES, VACCINES, BIOLOGIC THERAPIES AND CONSUMER CARE PRODUCTS

THE SECOND LARGEST PROVIDER OF ANIMAL HEALTH PRODUCTS IN THE WORLD

PASSIONATELY COMMITTED TO RESEARCH AND INCREASING ACCESS TO HEALTHCARE

OPERATING IN MORE THAN 140 COUNTRIES

WE ARE...
We are a leader in healthcare, dedicated to helping the world be well through a wide range of innovative health solutions. This includes the development, production and distribution of prescription medicines, vaccines and biologic therapies as well as consumer care and animal health products.

Our commitment to research and to increasing access to healthcare across the world is demonstrated by clearly focused policies, far-reaching programmes and life-enhancing partnerships.

Known as MSD worldwide, and as Merck in the United States and Canada, we have operations in more than 140 countries. Our extensive operations in Ireland encompass manufacturing, shared business services, sales and marketing facilities.

The pharmaceutical industry is the jewel in the crown of Ireland’s export sector, which we have played an active part in for over 50 years. Many of our leading products globally are made or packaged in Ireland and we are a proud member of Guaranteed Irish.

1. MSD in Swords
   Manufactures and packages hormonal tablets and creams for women’s health, sterile products for anesthesiology and specialty packaging of women’s health, asthma and mental health products

2. MSD Red Oak in Leopardstown
   MSD Human Health
   Conducts MSD’s clinical research, marketing and sales activities in Ireland and is committed to contributing to the health and wellbeing of all Irish citizens

   MSD Animal Health
   The leading veterinary pharmaceutical supplier in Ireland, dedicated to preserving and improving the health, well-being and performance of animals

   Global Financial Services
   Supports business transactions in the areas of finance and accounting and managed services such as travel and meetings for over 100 countries

3. MSD in Rathdrum
   An Active Pharmaceutical Plant (API) supplying primarily in the fields of respiratory care, infectious disease and cardiovascular medicine

4. MSD in Carlow
   A state of the art vaccines and biologics manufacturing facility currently producing many products in various therapeutic areas including: oncology, autoimmunity, pneumonia and infectious disease

5. MSD in Ballydine
   Undertakes the late stage development, clinical supplies, regulatory filings and manufacturing of active pharmaceutical ingredients and drug product formulations for new innovative products in the small molecule arena

6. MSD in Brinny
   A BioPharma centre of excellence specialising in the development, fermentation, purification, aseptic filling and testing of biopharma products
We make products that touch the lives of millions. That's the reason we come to work every day.

Our extensive human health portfolio includes innovative solutions and treatments for conditions such as heart disease, diabetes, arthritis, allergies, HIV, hepatitis C, ophthalmology, oncology, osteoporosis, gastroenterology and many more.

We’re committed to solving the healthcare problems of the future, with a strong pipeline of products at all stages of development. That’s how we help bring about a healthier world – one in which we all do our part to make what’s possible, real.

**HEART DISEASE**

Heart disease is the number one cause of death in Ireland. Every year, cardiovascular disease – including coronary heart disease, stroke and other circulatory problems – is responsible for over 10,000 deaths. It is a remorseless condition which ignores any social or geographic boundary.

Since we introduced oral antihypertensive medications in the 1950s, our aim has been to help clinicians and patients combat the many avoidable effects of this group of diseases. In the 1970s, our research lead us to the revolutionary cholesterol-lowering mechanism – statins – which inhibit a key enzyme in the biosynthesis of cholesterol.

Today, we remain in the vanguard of combating cardiovascular disease, providing our customers with new treatments and innovative service tools that highlight where treatment targets are not being met and the ways that care can be improved.

For example, recognising the value of regular screening and monitoring for high risk patients, we established the Cardio Metabolic Nurse Screening Service in Ireland. This helped GPs to improve outcomes for patients with type II diabetes and high cholesterol. With 500 patients accessing it every month, to date more than 10,000 patients have benefited from this free service.

**DIABETES**

In Ireland over 190,000 people are living with diabetes, however it is estimated a further 30,000 people with the disease remain undiagnosed and nearly 150,000 people may have undetected pre-diabetes.

The implications – for both patients and Ireland’s health service – are enormous. Diabetes absorbs an estimated 10 per cent of the national health budget and conditions associated with it include heart disease, stroke, blindness and disability.

Tackling it requires a holistic approach that addresses lifestyle and helps people better manage their condition. One of the ways in which we meet this challenge is by collaborating closely with professional and patient groups to improve patient education on managing the condition.

Working with Diabetes Ireland, we have helped to deliver a number of disease awareness campaigns and patient information booklets so that those living with diabetes can learn to manage with their condition throughout their lifetime.
INFECTIOUS DISEASES
For more than 25 years we have been at the forefront of the global response to the HIV and AIDS epidemic. MSD scientists were among the first to discover and develop medicines for HIV and today we continue to play a leading role in the development of improved medicines and therapies to help patients, families and carers impacted by the condition.

We are also a leader in the treatment of Hepatitis C – a virus which is transmitted through infected blood and can cause chronic liver disease. Hepatitis C affects up to 170 million people around the world and anywhere between 20,000 and 50,000 people in Ireland. Many infected people remain unaware and undiagnosed until chronic symptoms emerge.

Working in conjunction with health service providers, academic researchers and patient support organisations, our focus is on increasing levels of research, awareness, education, early diagnosis and effective management of infectious diseases.

IMMUNOLOGY
Over the past 10 years there have been major advances in the management of such chronic autoimmune diseases as rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis and inflammatory bowel disease.

Innovative therapies have dramatically improved outcomes for patients with these progressive and debilitating conditions, transforming their quality of life in the process.

These innovations include biologic (anti-TNF) therapies that are able to alter the course of autoimmune disease. However, successful disease management goes beyond medicines, which is why we’ve invested extensively in hospital and education programmes as well as home treatment options.

ONCOLOGY
MSD is committed to the development of novel therapies for the treatment of cancer that can make a meaningful difference to the lives of patients with cancer.

Cancer is a leading cause of death worldwide, accounting for 7.6 million (or approximately 13 percent) of all deaths in 2008, according to the most recent data available from the World Health Organization. Despite the fact that there are more drugs in development around the world for malignant disease, such as cancer, than any other therapeutic area, treatment options remain very limited.

MSD has kept its focus on a few novel investigational treatment options that the company believes have the best possibility of bringing benefits to patients. The company has a strong portfolio of novel investigational cancer therapies with multiple mechanisms of action, including targeted delivery of anticancer agent and immune-modulatory regulation. MSD currently has four oncology products on the market and the company’s pipeline includes compounds for the potential treatment of ovarian cancer, lung cancer and melanoma, among others.
MSD’S HUMAN HEALTH MEDICINES

Our product portfolio includes prescription medicines for a number of conditions which significantly impact the quality of life and long term health of hundreds of thousands of people in Ireland. These include leading treatments for heart disease, diabetes, arthritis, allergies, HIV, hepatitis C, ophthalmology, oncology, osteoporosis, gastroenterology and many more.

Further details, including prescribing information for all products available from MSD, can be viewed on www.medicines.ie, which is published by the Irish Pharmaceutical Healthcare Association (IPHA).

* Indicates this product is manufactured and/or packaged in Ireland.

** All vaccines developed by MSD are marketed by Sanofi Pasteur MSD (Tel: 01 468 5600). SPC for all products available from www.medicines.ie

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<td>Vaccines**</td>
<td>Gardasil, HBvaxPRO, M-M-RvaxPRO, Pneumovax II, Varivax</td>
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HOW WE HELP THE WORLD BE WELL
MAKING A DIFFERENCE IN IRELAND

For us, corporate responsibility is more than just words – it influences the way we work every day.

It is a collective mindset that drives us to apply our expertise and diverse global talents and resources to some of the world’s biggest health, environmental and economic challenges.

We are committed to making a difference through innovative research, groundbreaking partnerships and smarter processes, centred on four priority areas:

ACCESS TO HEALTH
We are committed to discovering smart, sustainable ways to expand access to healthcare for those who need it.

ENVIRONMENTAL SUSTAINABILITY
We are committed to discovering environmentally-sustainable ways to meet health needs now and in the future.

EMPLOYEES
We are committed to discovering more ways to create a workplace where our employees and business can thrive.

ETHICS & TRANSPARENCY
We are committed to discovering better ways to build and strengthen trusted relationships by demonstrating the highest ethical standards and communicating with greater transparency.

With a focus on these priority areas in Ireland, and across our entire global organisation, we aim to lead the future of healthcare here and around the world.

In 2012 MSD Ireland contributed €2.3 million to support a range of nationwide initiatives across its four key pillars.

Local secondary school students tour the Ballydine site in Tipperary during Science Week
MAKING A DIFFERENCE THROUGH ACCESS TO HEALTH

Millions of people around the world are living longer, more productive lives, thanks to improvements in healthcare, including access to innovative medicines and vaccines.

At MSD in Ireland we are playing our part, working closely with many Irish charities, not-for-profit organisations and centres of academic excellence to improve access to healthcare. Our current areas of focus include research partnerships, medical grants, patient access programmes and support of patient groups in their advocacy, policy and awareness work.

MSD PUBLIC HEALTH EDUCATION

The ability of patients to read and understand healthcare information is vital to ongoing and effective health management, however that is not always as straight forward as it might seem.

Research suggests that people with low health literacy make more mistakes with medication or treatment, are less able to follow treatment instructions, have difficulties negotiating the healthcare system, and are more likely to be hospitalised than people with adequate health literacy. We recognise that as a leader in healthcare we have a role to play in helping address this vitally important issue.

In 2007, we formed a partnership with the National Adult Literacy Agency (NALA) with the specific aim of increasing public awareness of the health literacy issue, and to engage with healthcare professionals. Over the past six years this partnership has helped Ireland become an internationally recognised centre of excellence in health literacy. The highly successful annual Crystal Clear MSD Health Literacy Awards is just one high profile element amongst a number of initiatives.

MSD also provides information to the public on a wide range of health topics in collaboration with partner organisations and through health education programmes in such areas as women’s health, hepatitis C, HIV, diabetes, osteoporosis and gastroenterology.
MSD works with leading medical education partners to deliver ongoing medical education training and was the first company to partner with the BMJ to bring their highly regarded BMJ Masterclasses to Ireland.

MSD also supports significant numbers of healthcare professionals to attend international medical congresses, enabling them to stay up to date on developments in scientific research and clinical practice around the world.

MSD provides Ireland’s most comprehensive online education tool for healthcare professionals through our univadis® internet portal. univadis® is a free service for healthcare professionals with more than one million registered users across 40 countries. It provides free access to a host of useful content including the latest medical news, journals, over 550 online eCME courses, 3D anatomy and a medical image library.

The renowned Merck Manuals, which have set the standard for excellence in professional medical information since they were first published in 1899 are also accessible via the univadis® portal. This includes one of the world’s most widely used medical textbooks, The Merck Manual of Diagnosis and Therapy.

The univadis service can be accessed at www.univadis.ie

The Merck Manual content is available free online at www.msd.ie or to download as an App from the App store
As a global company we are also a global citizen. Our activities have the potential to impact the environment and we regard ourselves as stewards, responsible for seeking the best ways of manufacturing our medicines and vaccines in an environmentally sustainable manner. We do this because it is consistent with our values of corporate citizenship and because it makes good business sense.

**MSD – REDUCING OUR ENERGY FOOTPRINT**

In Ireland, we regard environmental protection and sustainability as key pillars of our corporate business objectives. We do this under four primary headings: air, energy, waste and water.

In respect of each, our aim is to operate our facilities by benchmarking them against international best practice both within our own company and the pharmaceutical sector as a whole. We invest in new technologies to achieve the highest possible standards and to reduce, and wherever possible eliminate, any wasteful and environmentally harmful practices.

To this end, we have committed to reducing carbon emissions associated with the manufacture of our medicines by 10% by 2015, and to achieve this, have established a team of full-time Energy Managers who are active on each of our sites. Through these efforts, we aim to drive best practice energy management and sustainability initiatives among our 2,000 employees nationwide.

Globally, our greenhouse gas reduction goal is 10% by 2015 - our Irish sites have already achieved a 9% reduction

*based on a 2009 baseline

Despite increases in production and expansion, MSD sites in Ireland have spent 6% less on gas and electricity across our sites since 2009
MAKING A DIFFERENCE THROUGH OUR EMPLOYEES

Without the input and support of the communities in which we operate, and our dedicated employees, we couldn’t have grown to become one of the largest and most successful healthcare companies in Ireland.

GIVING BACK TO THE COMMUNITY

Across all of our sites in Ireland, MSD employees develop relationships with local community groups and support projects that enhance the environment, support education and contribute to the local business community. We are proud to say, that through our international Neighbour of Choice Grant Programme we provided over €160,000 to local Irish community organisations and charities, which were nominated by our employees, in 2012 and 2013.

In 2012, we established a national partnership across all our Irish sites with Junior Achievement, one of the country’s leading youth organisations, and to date over 150 volunteers have delivered the courses to over 3,000 students.

Science Week and Engineers Week are key calendar dates when we invite the chemists and engineers of the future to visit our sites to see the work we do.

Local Cork students touring the Brinny site as part of Engineers Week
As a healthcare leader, it is important for us to develop strong relationships with our customers, partners, employees and other stakeholders. We also need to ensure that the general public understands us and has well-founded confidence in our commitment to behaving responsibly at all times.

Ethical behaviour, which includes compliance with our legal and moral responsibilities, is the duty of every employee. We work with and adhere to the Code of Practice and regulatory requirements of several regulatory associations including the Irish Pharmaceutical Healthcare Association (IPHA) and the European Federation of Pharmaceutical Industries (EFPIA), as well as the Irish Medicines Board, HSA and Environmental Protection Agency.

We’re conscious that we can only earn the trust of our various stakeholders by engaging with audiences on all sides of the issues that matter, and by going beyond mandatory disclosure to communicate key information in greater detail.

We have strong corporate policies and safeguards in place and a long history of abiding by and promoting high ethical standards.
As a member of the wider business community in Ireland, we are committed to working in partnership with our business colleagues to improve opportunities for enterprise in Ireland.

We continue to be a valued contributor to IBEC, PCI and the American Chamber of Commerce – the primary collective voice of US companies in Ireland. The Chamber keeps Irish decision makers focused on the factors contributing to the continued attractiveness of Ireland as a location for foreign direct investments. We are also an active member of the local Chambers of Commerce and business organisations where our sites are based.

Our leaders are also committed to contributing to the business community in Ireland which is why we are an active member of Business in the Community – Ireland’s only dedicated network which supports responsible and sustainable business.
MSD has a long and highly successful history of collaboration with all of the leading third level academic institutions and their students in Ireland.

We have engaged in mutually beneficial partnerships and assisted in the development of curricula to meet the needs of the commercial sector, as well as assisting in the development of research projects for final year students.

We also offer students a variety of graduate placements and work experience as student interns, providing them with valuable industry experience.
Attracting, developing and retaining people who excel in their field is one of MSD’s key objectives. The company provides a stimulating and challenging environment in which innovation is encouraged and people are committed to a shared vision and achieving common goals.

At MSD, we believe that we are distinguished by the professionalism, dedication and insight of our employees in everything that we do. Our aim, therefore, is to provide a work environment that will attract and retain highly talented people and help them achieve their full potential.

Our Leadership Behaviours encourage all employees to focus on customers, including patients, to make rapid, disciplined decisions, act with courage and candour, build talent, demonstrate ethics and integrity, drive results and foster collaboration. Far more than merely fine sounding aspirations, these responsibilities are the foundation of all our human resources policies, practices and processes.

* Our Human Health subsidiary was ranked 2nd in the 2013 ranking of Great Place to Work Institute’s ‘Best Medium Sized Workplaces’ category.
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OUR STORY DOESN’T END HERE. PROMISE.