

Basel, 8 January 2018

Roche and GE enter partnership to develop integrated digital diagnostics platform to improve oncology and critical care treatment

- **Companies aim to develop jointly-branded clinical decision support software for faster, more accurate, more confident decision-making, enabling earlier diagnosis and individualised treatment**
- **Partnership will apply advanced analytics to in-vivo data from GE's medical imaging and monitoring equipment with in-vitro data from Roche's biomarker, tissue pathology, genomics and sequencing portfolio**

Roche (SIX: RO, ROG; OTCQX: RHHBY) announced today that it has entered into a strategic, long-term partnership with GE Healthcare in order to jointly develop and co-market digital clinical decision support solutions. The partnership will initially focus on products that accelerate and improve individualised treatment options for cancer and critical care patients.

The two companies aim to develop an industry-first digital platform, using advanced analytics to provide workflow solutions and apps that support clinical decisions. This will allow the seamless integration and analysis of in-vivo and in-vitro data, patient records, medical best practice, real time monitoring and the latest research outcomes. Clinicians will then have the comprehensive decision support for providing the right treatment and quality of care for their patients.

For example, oncology care teams with multiple specialists will have a comprehensive data dashboard to review, collaborate and align on treatment decisions for cancer patients at each stage of their disease. In the critical care setting, data from a patient's hospital monitoring equipment will be integrated with their biomarker, genomic and sequencing data, helping physicians to identify, or even predict severe complications before they strike.

“This unique partnership will deliver innovative solutions and insights in clinical decision-making. Our goal is to support clinicians and other relevant stakeholders for the benefit of patients by providing the right decision support at the right time and through comprehensive digital offerings,” said Roland Diggelmann, CEO Roche Diagnostics.

Roche Diagnostics is the global leader in in-vitro diagnostics, and GE Healthcare is a worldwide leader in medical imaging equipment. “This is the first time that two major players in healthcare have combined digital, in-vivo and in-vitro diagnostics to this degree. We believe this alliance will help accelerate the delivery of data-driven precision health for customers, patients and the healthcare industry,” said Kieran Murphy, President & CEO of GE Healthcare.

About in-vivo diagnostics: In vivo diagnostics are tests or observations done on the living tissue of the whole living organism in a controlled environment. These tests are used in laboratory or other healthcare professional settings.¹

About in-vitro diagnostics: In vitro diagnostics are tests that can detect diseases, conditions, or infections. Some tests are used in laboratory or other health professional settings and other tests are for consumers to use at home.¹

About Critical Care: A branch of secondary health care, that deals with the short-term treatment for a severe injury or episode of illness, an urgent medical condition, or during recovery from surgery.²

About Clinical Oncology: A branch of medicine, that deals with the prevention, diagnosis, and treatment of cancer.²

About GE Healthcare

Harnessing data and analytics across hardware, software and biotech, GE Healthcare is the \$18 billion healthcare business of GE (NYSE: GE). As a leading provider of medical imaging equipment, with a track record of more than 100 years in the industry and more than 50,000 employees across 100 countries, we transform healthcare by delivering better outcomes for providers and patients. Visit us at www.gehealthcare.com or follow us on [Facebook](#), [LinkedIn](#), [Twitter](#) and [The Pulse](#) for latest news.

About Roche

Roche is a global pioneer in pharmaceuticals and diagnostics focused on advancing science to improve people's lives. The combined strengths of pharmaceuticals and diagnostics under one roof have made Roche the leader in personalised healthcare – a strategy that aims to fit the right treatment to each patient in the best way possible.

Roche is the world's largest biotech company, with truly differentiated medicines in oncology, immunology, infectious diseases, ophthalmology and diseases of the central nervous system. Roche is also the world leader in in vitro diagnostics and tissue-based cancer diagnostics, and a frontrunner in diabetes management. Founded in 1896, Roche continues to search for better ways to prevent, diagnose and treat diseases and make a sustainable contribution to society. The company also aims to improve patient access to medical innovations by working with all relevant stakeholders. Thirty medicines developed by Roche are included in the World Health Organization Model Lists of Essential Medicines, among them life-saving antibiotics, antimalarials and cancer medicines. Roche has been recognised as the Group Leader in sustainability within the Pharmaceuticals, Biotechnology & Life Sciences Industry nine years in a row by the Dow Jones Sustainability Indices (DJSI).

The Roche Group, headquartered in Basel, Switzerland, is active in over 100 countries and in 2016 employed more than 94,000 people worldwide. In 2016, Roche invested CHF 9.9 billion in R&D and posted sales of CHF 50.6 billion. Genentech, in the United States, is a wholly owned member of the Roche Group. Roche is the majority shareholder in Chugai Pharmaceutical, Japan. For more information, please visit www.roche.com.

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References

¹ <http://www.differencebetween.net/science/difference-between-in-vivo-and-in-vitro/>

² <https://www.ncbi.nlm.nih.gov/pubmed/8954463>