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## News Release

**Not intended for U.S. and UK Media**

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Radiological Society of North America (RSNA) 2022 Annual Meeting

### **Bayer advances Radiology development portfolio and fosters innovation in AI**

- New clinical data for the development compound gadoquatrane, a novel MRI contrast agent, presented at RSNA 2022
  - Three new partnerships, AI app accelerator program and pipeline updates to be featured
  - Collaboration agreements signed to expand offerings on new medical imaging platform Calantic™ Digital Solutions across key disease areas
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**Abstract:** No 6096, Session No R5A-SPNR

**Berlin, November 22, 2022** – Bayer moves ahead with the advancement of its comprehensive Radiology portfolio with progress on the development pipeline of new contrast agents as well as further partnerships in its digital business. The company announced today the presentation of new early clinical data for gadoquatrane, Bayer's novel macrocyclic gadolinium-based compound currently in Phase II development, at the Radiological Society of North America (RSNA) Annual Meeting. The 2022 RSNA will take place from November 27 to December 1 in Chicago, USA.

In addition, Bayer announced three collaboration agreements for its digital platform Calantic™ Digital Solutions as well as an AI accelerator program, reflecting the company's commitment to driving innovations that benefit patients and their physicians, including leveraging the vast potential of artificial intelligence (AI).

## **Pipeline progress on new contrast agents as well as medical devices**

Bayer is making progress with its portfolio of contrast agents and injectors. The US submission of the MEDRAD™ Centargo CT Injection System, the latest addition to Bayer's computed tomography portfolio designed to simplify radiology workflows, is underway. In the area of contrast agents, gadoquatrane, Bayer's novel macrocyclic gadolinium-based compound in Phase II, is progressing in development. New early clinical data for gadoquatrane are being presented at this year's RSNA:

- *Pharmacokinetics, Safety and Tolerability of a Novel Tetrameric, High Relaxivity, Macrocyclic Gadolinium-based Contrast Agent Gadoquatrane for CE-MRI*
  - Gadoquatrane features high stability as well as high relaxivity, which is a key property for use in contrast-enhanced magnetic resonance imaging, with the potential to enable a substantially lower gadolinium dose. The present study investigated its pharmacokinetics including excretion pathways, safety and tolerability in healthy volunteers.
  - **Abstract No. 6096, Session Number: R5A-SPNR; Dec 1; 12:15 - 12:45 PM**

## **Fostering innovation in Radiology AI**

On the occasion of RSNA 2022, Bayer also announced that it will partner with app developers Quantib, ClariPi, and EXINI Diagnostics to strategically expand the offering on its medical imaging platform Calantic™ Digital Solutions. The platform, which was launched recently, delivers access to applications, including those enabled by AI, for medical imaging. With these new collaboration agreements, Bayer is broadening the already available options for thoracic and neurological diseases on the platform by including tools which aim to aid in breast and prostate imaging. With cancer and cardiovascular diseases on the rise, the demand for medical imaging to detect diseases, guide treatment decisions, and aid in therapy planning is growing. AI comes with the value proposition to support diagnosis and increase the throughput of medical imaging examinations.

In addition, Bayer has recently launched Calantic™ SPARK, a new accelerator program for medical imaging app developers to further foster innovation in radiology AI. The program will initially focus on North America and Europe and is planned to be expanded to other regions including Asia-Pacific. Bayer offers a targeted program to accelerate market readiness for early- and late-stage projects and offerings, providing advice

spanning medical, regulatory, reimbursement expertise, and market access. Tapping the thriving start-up ecosystem of AI in medical imaging, Calantic SPARK provides program participants with a potential pathway towards commercialization and distribution through Calantic Digital Solutions. Details about Calantic SPARK will be presented at Bayer's booth as well as the AI Showcase Theatre at the RSNA.

### **About Radiology at Bayer**

Everyone deserves clear answers about their health, starting with an early and accurate diagnosis. As a true life science company with a heritage of over 100 years in radiology, Bayer is committed to providing excellence, from innovative products to high-quality services. Bayer has a leading portfolio of contrast media for computed tomography (CT), X-ray, and magnetic resonance imaging (MRI), devices for their precise administration, informatics solutions to support efficient and optimized patient care, as well as acknowledged educational programs, that generated sales of 1.8 billion euros in 2021. In line with the company's ambition to outperform the radiology market's average annual growth of 5 percent by 2030, Bayer is strongly committed to research and development, which includes leveraging artificial intelligence and driving innovation in medical imaging. Each of these offerings provides effective tools to support radiologists in their mission to deliver treatment-critical answers and a clear direction – from diagnosis to care.

### **About Bayer**

Bayer is a global enterprise with core competencies in the life science fields of health care and nutrition. Its products and services are designed to help people and the planet thrive by supporting efforts to master the major challenges presented by a growing and aging global population. Bayer is committed to driving sustainable development and generating a positive impact with its businesses. At the same time, the Group aims to increase its earning power and create value through innovation and growth. The Bayer brand stands for trust, reliability and quality throughout the world. In fiscal 2021, the Group employed around 100,000 people and had sales of 44.1 billion euros. R&D expenses before special items amounted to 5.3 billion euros. For more information, go to [www.bayer.com](http://www.bayer.com).

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