Biomarkers in medical imaging are the key to detecting and treating cancer

Press release

MEDIAN Technologies signs a new contract in the field of lung cancer with a top-five pharma company

The company's lesion management solutions (LMSs) will be deployed at major clinical trial centers in the USA, EMEA and Australasia.

Sophia Antipolis, Nice (France), May 11th, 2011 – MEDIAN Technologies, the leading provider of clinical applications for quantitative management of treatment responses in oncology imaging, today announced that it had signed a new contract with a top-five pharma company, following on from an initial contract in 2010.

The new contract covers a pilot study performed as part of a lung cancer trial. This study will investigate the use of an advanced imaging biomarker to evaluate the treatment response (tumor volume, in this case).

"This new collaboration will enable us to study the value of tumor volume as a treatment response criterion. There are several possible advantages. Firstly, the use of tumor volume could decrease variability during image interpretation. Secondly, the change over time in tumor volume may be better correlated with the patients' survival rate. Thirdly and lastly, tumor volume may show up an earlier treatment response", emphasized MEDIAN's Chairman and CEO Fredrik Brag. *"Innovations in image interpretation are playing an ever more significant role in the cancer drug development process. The signature of this new contract confirms the validity of our approach",* he added.

A number of cancer centers of excellence in the USA, EMEA and Australasia are involved in the study.

MEDIAN Technologies has ISO 13485 certification - the internationally recognized quality standard for the medical device industry. The company's LMSs gained FDA approval in 2007 and have a class IIa CE mark. The systems are used by key opinion leaders in over 100 centers in Europe, the USA and, most recently, Australia.

Cancer is now the world's leading cause of mortality, with 12.4 million new cases per year and 7.6 million deaths per year. These figures are set to double by 2030. [1] Imaging forms part of the medical technologies used in the diagnosis and follow-up of treated patients. However, standard methods for image interpretation do not enable the optimal detection of lesions and their quantitative, objective monitoring over time.

[1] (source: IARC, World Cancer Report 2008)

Biomarkers in medical imaging are the key to detecting and treating cancer

MEDIAN Technologies offers the pharmaceutical industry and the medical world a number of integrated LMSs which help interpret medical images and thus improve the diagnosis and follow-up of cancer patients. The LMS software automatically quantifies the lesions and allows the flexible, effective management of lesion-related information. In combination with high levels of automation and standardization, the LMS uses biomarker identification to assist with lesion detection, interpretation, quantification and monitoring over time.

The company's solutions represent a true breakthrough in imaging-based medicine by enabling a paradigm shift from the subjective evaluation of medical images (biased by variability in lesion interpretation, selection and response tracking) to quantitative, objective, optimized interpretation.

About lesion management solutions

Lesion management solutions detect, evaluate and follow-up lesions identified in computed tomography (CT) scans. The LMS performs a number of measurements automatically (such as lesion diameter, volume and density); these parameters are used in both routine clinical practice and during clinical trials to evaluate patient responses to existing cancer therapies or to cancer drug candidates.

Lesion management solutions are compatible with all types of CT scanner. They can be integrated into heterogeneous IT environments and easily deployed at sites with very diverse equipment and software configurations.

The MEDIAN Technologies LMSs are "software as a service" (SaaS) products; they are web-based, fully distributed (with cloud computing) and available anywhere in the world.

Biomarkers in medical imaging are the key to detecting and treating cancer

About MEDIAN Technologies

MEDIAN Technologies was founded in 2002 by Fredrik Brag (the current Chairman and CEO), Gérard Milhiet and Arnaud Butzbach. It is based at Sophia Antipolis (in the south of France) and has a subsidiary in the USA. The company currently has a staff of 40, over half of whom work in R&D.

MEDIAN Technologies offers solutions and services for diagnosing and monitoring cancer patients. It is targeting both the oncology clinical trials market (its prime market) and the patient care market.

MEDIAN Technologies collaborates with institutes at the cutting edge of medical imaging, including the French National Institute for Computer Science and Control (INRIA), Chicago University and the Swiss Federal Institute of Technology in Lausanne, Switzerland (EPFL). MEDIAN Technologies has been present in the market since 2007 through direct sales of its LMS solutions and alliances with specialist cancer centers in Europe and the USA.

Since its incorporation, the company has raised about €16 million in three rounds of financing (in 2003, 2004 and 2006/7) with major internationally respected investors, including AGF Private Equity (France), Auriga Partners (France), Draper Fisher Jurvetson ePlanet Ventures (USA) and the University of Chicago Hospitals (USA). MEDIAN Technologies also benefited from €2.8 million in financial support awarded to its LESIO project by OSEO (the French state innovation agency) over the period 2008-2010 and has been accredited as an "innovative company" by the agency.

For more information about MEDIAN, visit www.mediantechnologies.com.

Press Contacts

MEDIAN Technologies
Fredrik Brag, CEO
+33 492 90 65 82
fredrik.brag@mediantechnologies.com

ALIZE RP
Caroline Carmagnol
+ 33 6 64 18 99 59 / + 33 1 42 68 86 43
caroline@alizerp.com

Anne-Sophie Cosquéric
+ 33 1 42 68 86 41
Anne-sophie@alizerp.com