



Detect earlier, treat better

Press release

FOR IMMEDIATE RELEASE

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The NOSAİS Institute prepares a new base in the Oise and expands its bladder cancer detection programme in Alsace and the Oise

The NOSAİS Institute announces two advances for its research network: preparations for a new base in Gouvieux, in the Oise, and the expansion of its bladder cancer detection programme, conducted in Alsace and in the Oise, within SDIS 60 (the Oise fire and rescue service), with the dogs of the Oise and Yvelines firefighters in training.

A new base in the Oise

The Institute is preparing to settle in Gouvieux, in the Oise, a step designed to support the growth of its research programmes and to consolidate its regional roots, alongside its historic scientific affiliation with the National Veterinary School of Alfort. This new base is part of the Institute's development trajectory towards 2027.

Bladder cancer: a programme expanded in Alsace and the Oise

Bladder cancer affects more than 10,000 people a year in France and more than 500,000 worldwide; it accounts for 4% of cancer deaths. The transitional cells lining the inner wall of the bladder are at the origin of most of these tumours, which are more or less invasive. Smoking and certain chemical carcinogens are the main risk factors — which makes it the most common occupational cancer among firefighters.

The NOSAİS Institute is studying the effectiveness of bladder cancer detection by canine olfaction, with the aim of ultra-early screening of at-risk populations, before the first symptoms appear, or systematically from the age of 50.

The protocol is being conducted in Alsace, in collaboration with the Handi'Chiens association and the Haut-Rhin canine society, within the urology departments of Strasbourg University Hospital (Prof. Hervé Lang, Dr Victor Gaillard) and Colmar Hospital (Dr Marc Schneider), as well as in the Oise, within SDIS 60, where the dogs of the Oise and Yvelines firefighters are currently in training. Urine samples collected as part of patients' care pathway are frozen and then transported to the Handi'Chiens training centre in Kunheim (68), where the three-phase study takes place: training of the dogs, validation of individual sensitivity and specificity performance, then assessment of clinical value with a view to integration into the diagnostic strategy. Several veterinary and medical doctoral theses are under way on this protocol and will lead to publication.

" This protocol illustrates the spirit of NOSAİS: mobilising a partnership between the field, hospitals and the canine community, to advance ultra-early screening where current tools arrive too late. "

— Prof. Dominique Grandjean, President of the NOSAİS Institute

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