

Montrouge, 16 December 2020

## Biography of Géraldine Pina ASN Commissioner

Géraldine Pina is a university assistant professor, a nuclear medicine physician at the Lyon Est faculty of medicine and an electrical engineer (INSA Lyon 1995).

In civilian life, Géraldine Pina is an engaged citizen, but she is also an army reserve physician specialising in NRBC (Nuclear, Radiological, Biological, Chemical) hazard management.



### ***Training as an engineer then a doctor***

During her engineer training at the Lyon INSA, she became interested in the use of ionising radiation and in programming, in order to improve the quality of radiographs by means of digital filtering.

In 1996, Géraldine Pina obtained a DEA advanced studies diploma, and then its German equivalent received after a year spent at the Biomedical Institute of Aachen where she notably worked on the use of 3D software in medical imaging.

She subsequently studied medicine at the Nimes-Montpellier Faculty of Medicine.

At the same time, she studied the effects of radiation on the human body and brain, working as a research assistant in the Biophysics Laboratory at Nimes University Hospital. She also taught biophysics and image reconstruction classes at the Nimes Radiographer School.

### ***Specialisation in medical biology and nuclear medicine***

After successfully passing the medical biology internship examination (in 2002), she joined the military reserve as a reserve intern (in 2005) in the Clinical Biology Department, which enabled her to familiarise herself with dealing with NRBC hazards.

At the same time, she continued her civilian medical biology training. In 2003, she registered for the Lyon University Diploma in Radiobiology and Radiation Protection and worked with the French Nuclear Medicine Society and the College of Biophysics and Nuclear Medicine.

In 2004, she turned to epidemiology and obtained the Inter-University Diploma in Methodology and Statistics applied to Clinical Research from the Pierre et Marie Curie Faculty in Paris.

In 2007, after completing her medical doctor's thesis and obtaining a Specialised Diploma in Medical Biology, she was appointed university hospital assistant in the Nuclear Medicine Centre of the Civil Hospitals of Lyon.

In 2009, Géraldine Pina obtained her Specialised Studies Diploma in Nuclear Medicine in Paris. Two years later, she was appointed university assistant professor – hospital practitioner in biophysics and nuclear medicine at Lyon 1 University.

Since 2012, she has been the zone adviser (South-East civil defence zone) for nuclear and radiological hazards and plays an active role in radiation protection teaching at the Civil Hospitals of Lyon, the Centre for Education and Emergency Care and then, later on, taught the Radiobiology and Radiation Protection University Diploma, and the “Disaster medicine capacity” training course, designed to prepare doctors to deal with accidents or natural disasters.

At the same time, she was assigned as a reservist to the Desgenettes armed forces teaching hospital and is a member of the chemical decontamination chain management team and the radiation contamination victims treatment centre.

She also obtained an "NRBC health hazard" Master's degree from the Val de Grâce Military Hospital School / Pierre et Marie Curie University in 2011.

### ***University teaching***

In 2011, she was tasked with setting up experimental health teaching based on “Economic intelligence and new hazards in the 21<sup>st</sup> century” and, since 2015, has been responsible for the “Developments in health and changing hazards” teaching option for the Lyon Est and Lyon Sud faculties. She notably developed teaching through full scale simulation (chemical and biological hazards, terror attacks).

### ***Expert physician***

From October 2015 to September 2018, she was appointed expert physician to the Secretariat for the compensation of nuclear test victims, in charge of examining the medical aspects of the dossiers.

### ***Current military situation***

In 2017, she became co-director of the Training and Recruitment Section of the Lyon Military Reserve, in which her role was Director of the Military Medical Training Department. She was involved in NRBC training at the Operational Health Training Centre of the Val-de-Grâce military hospital school.

Géraldine Pina received the Medal of Honour of the Armed Forces Health Service – Bronze echelon BO in December 2016.

Géraldine Pina was appointed a Knight of the National Order of Merit on 17 October 2020.