

## ALEXANDRA HENRION CAUDE

---



ALEXANDRA CAUDE is a geneticist, Director of Research at the *French National Institute of Health (Inserm)*. She completed her post-doctorate at *Harvard Medical School*, was tenured in 1998, and worked at *Necker Hospital-Imagine Institute*. For over 20 years, her research has focused on how environmental cues are translated into genetic information, specifically in rare genetic diseases that affect children. Her most important results concern the response of genes to nutrients, long-term memory formation, lung repair in children, the identification of a few disease-causing genes, and a genetic mechanism of energetic communication. In 2017, her questions about the urge to developing simple and low-cost health solutions led her to Africa in Mauritius, where she founded a new research institute, *SimplissimA*.

Through building bridges between ethnomedicine and cutting-edge science, her goal is to bring health to all, irrespectively of money or geography. She was awarded different prizes, including the prize of *Nestlé Foundation*, and the multi-nation program from the US *Eisenhower Fellowship* organization. She is now chairperson of the *French Eisenhower Fellows*, and a member of *French Ethical and Scientific Committees* and international Boards. In particular, she gathered the signature of hundreds of clinicians and scientists to defend the status of human embryo for which she launched the website *science-en-conscience.fr*.

Interested by the ethics of responsibility raised by current technology, she explored the sectors of robotics, neuro-engineering, synthetic biology and singularity, in the United States. Her take-home messages were to: (i) defend the family, (ii) develop sense perception, and (iii) reflect on the origin of our own lives. To this end, she became administrator at *Familles de France*, revisited love and senses in her TEDx talk, and with her husband, has created ten active « *Memory and Consolation* » altars and praying groups, in churches of France, Mauritius and UK, for the unbaptized children who die before being born.