



2023 NATIONAL INVENTORS
HALL OF FAME INDUCTEE

Born: Sept. 15, 1975

Primary Connections:

- North Carolina State University: Distinguished Professor of Food Science, 2018-present; Distinguished Scholar in Probiotics Research, 2016-18; Associate Professor of Food Science, 2013-18
- Danisco/DuPont Nutrition and Health (now part of International Flavors & Fragrances): R&D Director, Genomics, 2011-13; Group Manager, Genomics, 2007-11; Senior Scientist, Cultures Development, 2006-07; Scientist, Cultures Development, 2005-06

Education:

- Université Paris Descartes (now part of the University of Paris): B.S., Life Sciences, 1996
- Université de Technologie de Compiègne: M.S., Biological Engineering, 2000
- North Carolina State University: M.S., Food Science, 2000; Ph.D., Functional Genomics, 2004
- University of Wisconsin-Madison: MBA, 2011

Key Memberships/Awards:

- National Academy of Engineering: Member, 2019
- National Academy of Sciences: Member, 2018
- Gairdner Foundation: Canada Gairdner International Award, 2016
- Warren Alpert Foundation Prize, 2016

10 Things You Need to Know About

Rodolphe Barrangou

CRISPR-enhanced Food Products

U.S. PATENT NOS. 9,951,342 & 9,879,269

1. Barrangou was born in 1975 in Paris, France.
2. He says that as a child, he was always curious about how the world works.
3. Barrangou co-founded companies such as CRISPR Biotechnologies, Ancilia Biosciences, TreeCo, Intellia Therapeutics and Locus Biosciences.
4. He is on the scientific advisory boards for Felix Biotechnology, Provaxus, Invaio Sciences and Inari Agriculture.
5. Barrangou is a member of the National Academy of Science (NAS) and received the NAS Prize in Food and Agriculture in 2018, and the NAS Award in Molecular Biology in 2017.
6. He is the editor-in-chief of The CRISPR Journal, and is on the editorial boards for Annual Reviews in Food Science and Technology, BioDesign Research, Genome Biology, and Applied and Environmental Microbiology.
7. Phi Tau Sigma, the Honor Society for Food Science, made Barrangou an Inductee in 2014.
8. He was on the board of directors and was board chair for Caribou Biosciences.
9. For the past two years, Barrangou has been on the National Academies Food Forum Board.
10. He has 24 U.S. patents.