



# CHICORY UNPACKED

THESE ART AND SCIENCE FILM ESSAYS ARE INSPIRED BY THE ARTISTS OWN RESIDENCY EXPERIENCES IN BIOTECHNICAL LABORATORIES THAT WERE PART OF A HORIZON 2020 EU RESEARCH PROJECT CALLED CHIC. IN THESE FILMS THE PLANT CHICORY (CICHORIUM INTYBUS) IS USED AS THE MAJOR EXAMPLE FOR THE SCIENTISTS' BIOCHEMICAL RESEARCH INTO NEW BREEDING TECHNIQUES FOR THE HEALTH AND MEDICINAL BENEFITS OF THIS PLANT. THE FILMS ALSO FEATURE OTHER PLANT RESEARCH INTO PLANT COMPOUNDS. UNDER THE HEADLINES OF "CULTIVATING PLANTS", "UNDERSTANDING PLANTS" AND "EDITING PLANTS, THE FILMS CAN ALSO BE WATCHED SEPARATELY. CHICORY UNPACKED ENCOURAGES CONTROVERSIAL DISCUSSIONS ABOUT WHAT WE EAT AND OUR MICROBIOME, BIOCHEMISTRY RESEARCH AND THE MEDICINAL AND HEALTH POTENTIALS OF PLANT MOLECULES IN THE FUTURE.

LINKS TO THE FILMS:

[WWW.JILLSCOTT.ORG/NEWS.HTML](http://WWW.JILLSCOTT.ORG/NEWS.HTML)

[WWW.MARILLEHAHNE.COM/CURRENT-PROJECTS.HTML](http://WWW.MARILLEHAHNE.COM/CURRENT-PROJECTS.HTML)

FILMMAKER: MARILLE HAHNE

RESEARCH AND NARRATION: JILL SCOTT

CAMERA AND MONTAGE: MARILLE HAHNE

All credits are available at the end of each film.

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## CHICORY UNPACKED- FOUR FILMS



CULTIVATING PLANTS, 24.5 MINS. 2022

### SECTION ONE

#### CULTIVATING PLANTS, 24.5 min. 2022

CULTIVATING PLANTS offers different viewpoints about plant production. These range from the cultivation and wishes of a farmers' collective to the collaborations of botanists with scientists in greenhouse research. It features interviews with the scientists from two partners in the EU Chic Project: Sensus and Keygene, Holland.



UNDERSTANDING PLANTS I: THE GMO DEBATE, 19 MINS. 2022

### SECTION TWO:

#### UNDERSTANDING PLANTS - PART I

##### THE GMO DEBATE: Then and Now, 19.5 min. 2022

This film aims to show how this debate has changed in the European Union over the last 22 years. It features two fictional debates from 1998 and 2022 that encourage public discussions about genetically modified plants (GMOS) and new breeding plant techniques (NBPTs) that utilise gene editing. They reveal the complexities of GM research from different professions.

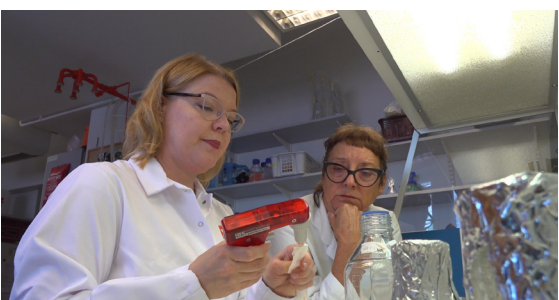


UNDERSTANDING PLANTS II: AFTERTASTE ,16.5 MINS. 2022

#### UNDERSTANDING PLANTS - PART II

##### AFTERTASTE: The Molecular Orchestra, 16.5 min. 2022

This documentary film is about Jill Scott's new sound installation that focuses on understanding the future of food and health on a molecular level. Here, interactive sculptures are inspired by microscopic images that mimic the tongue, the human nose, and a set of 24 food molecules that represent the compounds of plant-roots. The public can playfully interact while learning about enhancements, molecular structures, and healing properties of chicory roots.



EDITING PLANTS, 25 MINS. 2022

### SECTION THREE-

#### EDITING PLANTS, 25 min. 2022

EDITING PLANTS traces the motivations of biochemists in the EU CHIC research project, who aim to genetically edit plants for tomorrow's consumers. It explores how gene editing with CrispR-Cas9 might be a new form of breeding plant technology to enhance the health and medical benefits of chicory plants. Scientists from Wageningen Research, Netherlands and VTT in Finland are featured and the film is narrated by Jill Scott.

### ABOUT THE FILMMAKER:

Professor Marille Hahne is a filmmaker and teacher and has exhibited widely in film festivals. For 25 years she taught at the Zürich University of the Arts (ZHdK) and was the director of their Master of Film education program. She also lectured at the HFF, Munich and at the Goethe Institute, India. Since 1983, she has directed documentaries in Germany, the US and Australia and now specializes in films about Art and Science collaborations (AIL Productions and Neuro\_Eco\_Media). [www.marillehahne.com](http://www.marillehahne.com)

### ABOUT THE MEDIA ARTIST:

Dr. Jill Scott is a media artist, a writer and art and science researcher. She is Professor Emerita at the Zurich University of the Arts (ZhdK) in Switzerland and founded their Artists-in-Labs Program in 2000. Her own artwork spans 44 years of production about the human body and body politics. In the last 30 years she has focused on human health based on research into molecular biology, neuroscience, botany and ecology. She also writes books on art and science (Springer and de Gruyter). [www.jillscott.org](http://www.jillscott.org)