

Food & Genes

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Food & Genes

Aim: To provide a genetic understanding of our diet

Builds on lectures “Genome”, “Forward and Reverse Genetics”, and “Plant Innate Immunity”

Form: Seminar series (14x 1.5 hrs) with 10 Student-lead seminars (group of 2) = 3 ECTS

Student-lead seminars:

- Based on a selected topic (2 publications provided as guide but own selection needed)
- Seminar preparation 1 week ahead presentation discussion with lecturer
- Selected 4 publications shared with all students (download from Teaching website)
- Oral presentation of 40 min (2x 20 min)
- Student-lead discussion (2 questions prepared by each participant including presenters)

Assessment:

- Formal criteria (slide design, structural requirements)
- Contents (depth and breadth of knowledge)
- Presentation style (speech, interaction with the audience)
- Presence and active participation in all seminars!

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Five W's of Food Evolution:

What

What foods do you consume on a regular basis?

Where

From **where** are these foods derived?

When

Which traits are human-desired?

How

How were these traits achieved?

Why

Why do we need this knowledge?