



Università
Ca'Foscari
Venezia

PROJECT ACRONYM AND TITLE: Starch4Sapiens_The Starch Food Niche: Human Adaptation, Genes, and Culture Ressources en Amidon: co-évolution de gènes et cultures humaines

FUNDING PROGRAMME: Agence nationale de la recherche (ANR)

CALL: Generic Call for Proposals 2020 (AAPG 2020)

HOST DEPARTMENT: DAIS Department of Environmental Sciences, Informatics and Statistics

SCIENTIFIC RESPONSIBLE: Elena Badetti, Longo Laura

FINANCIAL DATA:

Project total costs	Overall funding assigned to UNIVE
€ 442.000,00	€ 46.000,00

ABSTRACT:

Starch4Sapiens aims to analyse and compare the biological and behavioral changes that made possible efficient starchy food metabolization which occurred in Eurasia between the Upper Pleistocene and Neolithic (from ca 126 ka to 12 ka, 6). Our hypothesis is that regular consumption of large amounts of dietary carbohydrates required molecular adaptations to permit positive selection under constraining environmental conditions and this favored Homo Sapiens expansion, bringing about the disappearance of Eurasian archaic humans.

Planned Start date	Planned End date
2021	2023

PARTNERSHIP:

1 Aix-Marseille Université	France	Coordinator
2 Sorbonne Université	France	Partner
3 Università Ca' Foscari	Italy	Partner