

Projet **PHC Proteus**

ACRONYME	Proteus		
INTITULE COMPLET	Management of GTDs in nursery, a focus on the graft union which is a key in the process		
DUREE DATES DEBUT/FIN	2 ans 1 ^{er} janvier 2020 au 31 décembre 2021		
APPEL A PROJET	Campus France PHC Proteus		
FINANCEURS	Campus France		
BUDGET TOTAL	Limité aux déplacements		
PORTEUR(S) OFFICIEL(S) DU PROJET	Florence FONTAINE – RIBP		
ROLE RIBP	porteur	PORTEUR POUR RIBP	Florence FONTAINE
PERSONNELS DU LABO IMPLIQUES	Olivier Fernandez, Pauline Bettenfeld		
PARTENAIRES	Université de Ljubljana - Slovénie		
OBJECTIFS DU PROJET	<p>Grapevine trunk diseases (GTDs) are considered the most destructive diseases for the past three decades and are of rapidly growing concern in all wine producing countries. The worldwide economic cost for the replacement of dead grapevines is roughly estimated to be in excess of 1.2 billion EUR per year (Hofstetter et al. 2012). It has estimated that at least 5% of Europe's vineyards were affected by GTDs.</p> <p>The aim of our project is to further study the potential role of preventive/sanitation treatments and innovative agronomical techniques in limiting GTD infection during the plant production process in nursery, with a special focus on the grafting step.</p> <p>The proposed research will be conducted on vines cv Cabernet sauvignon, one of the most GTD susceptible variety and cultivated in both Slovenia and France. The main points of the study are i) to analyze the effect of different scion and rootstock treatments before grafting and ii) to evaluate the effect of different scions and rootstocks harvest time in the GTD infection process.</p>		