



# Vivaldi Project

## Data management plan

***WP2 Task 2.2.1***

06/02/2020

## DATA MANAGEMENT PLAN

<b>Partner name</b>	IRTA
<b>Data category</b>	<i>Microscopical description</i>
<b>Concerned WP</b>	WP2 <i>Choisissez un élément.</i> <i>Choisissez un élément.</i>
<b>Name of the VIVALDI referent(s)</b>	<i>Microscopical description: Noelia Carrasco &amp; Steve Feist</i>
<b>Reference of the dataset</b> <i>Please refer to the DMP table to find the appropriate reference.</i> <small>Ex: Genome-Patho/SubTaskN*/Pathogen/PartnerN*</small>	<i>Microscope description/2.2.1/C.Gigas/OsHV-1/IRTA</i>
<b>Description of the data</b>	Images of the different tissue lesions induced by the virus OsVH-1 in the oyster <i>Crassostrea gigas</i> and descriptive text of the lesions present. <i>Histopathology and immunohistochemistry</i>
<b>Type</b>	<i>Photos and text</i>
<b>Period and frequency of data collection</b>	<i>April 2016</i>
<b>Geographical site of data collection (if applicable)</b>	<i>Experimental infection</i>
<b>Description of the material from which the dataset is generated</b> <i>Information will be obtained from individuals, which can come from natural/hatchery population and/or from family produced in hatchery. Animals can be infected (naturally or experimentally). DNA extraction can be done from the whole animal, tissue.</i>	<i>The histological slides came from a hatchery oyster population infected experimentally by the OsHV-1 virus. Each histological slide corresponds to one individual. 120 individuals were analysed.</i>
<b>Protocols</b> <i>Example: 16S ribosomal RNA gene sequencing by NGS</i> <b>Please refer to the DMP table* for more examples</b>	<i>Each oyster was cut in two parts; one was fixed in Davidson's fixative for histological examination and the other one was fixed in Glutaredideide 2,5% fixative for further electron microscopic analysis. After 48 h in Davidson's fixative, tissues were maintained in 70% ethanol until dehydrated and embedded in paraffin for histology according to standard procedures. Sections of 2–3 µm thickness were stained by hematoxylin and eosin; moreover they were processed for immunohistochemistry with incubation with primary (p53 and CgDSCAM) and secondary antibody .</i>



<p><b>Nature of the collected/generated data</b>  <i>Example: Raw dataset in .blc/.fastqc/.fasta formats for genomic information, and processed data set will be .vcf/.bed formats.</i>  <b>Please refer to the DMP table* for more examples</b></p>	<p><i>Hight resolution Images</i></p> <p><i>Descriptive text of the lesions present in text format</i></p>
<p><b>Coverage (if applicable)</b>  <i>Example: random genomic regions covered at 50 X</i>  <b>Please refer to the DMP table* for more examples</b></p>	<p><i>Main organs and tissues of Crassostrea gigas (gills digestive, gland mantle, muscle, labial palps).</i></p>
<p><b>What are the prerequisites allowing to use the data as such?</b>  <i>Example: Any person able to use .fastqc file and .fasta file</i>  <b>Please refer to the DMP table* for more examples</b></p>	<p><i>Any person able to use image software allowing the image viewing on TIFF format.</i></p>
<p><b>Sharing of main data</b></p>	<p><i>Not shared on a public database but available upon request</i></p>
<p><b>Archiving and preservation</b>  <i>Example: data will be stored on a hard drive + online back up and then will be released on public database (Sinoe, Dryad) after publication.</i>  <b>Please refer to the DMP table* for more examples</b></p>	<p><i>All slides and blocks are kept in the laboratory. The images and text were kept on a local computer server  The code is: CgExperimental WP2 VIVALDI</i></p>
<p><b>List, description and storage of associated data (metadata)</b>  <i>Examples: environmental data, mortality monitoring, genotyping...</i></p>	<p><i>The oyster mortality was followed during the experiment. DNA and RNA analyses were performed on all individuals.</i></p>
<p><b>Sharing of metadata (if relevant)</b></p>	<p><i>Not shared on a public database but available upon request  Please specify</i></p>