

## Project description – Project Proposals

Dr. Who, University of Foo

My fancy project

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## Project Description

### 1 Starting Point

#### 1.1 State of the art and preliminary work

Example text. Citations are automatically converted into own (prefixed with PR), own preprints (prefixed with PRP) and regular [PRP1, PR1, 1].

#### 1.2 Project-related publications

##### 1.2.1 Articles published by outlets with scientific quality assurance, book publications, and works accepted for publication but not yet published.

[PR1] J. Köster and S. Rahmann. “Snakemake—a scalable bioinformatics workflow engine”. In: *Bioinformatics* 28.19 (2012), pp. 2520–2522.

##### 1.2.2 Other publications, both peer-reviewed and non-peer-reviewed

[PRP1] M. Weiss, H. Weigand, and F. Leese. “Small in-stream barriers contribute little to strong local population genetic structure in five hololimnic macroinvertebrate taxa”. In: *bioRxiv* (2020).

##### 1.2.3 Patents

###### 1.2.3.1 Pending

None.

###### 1.2.3.2 Issued

None.

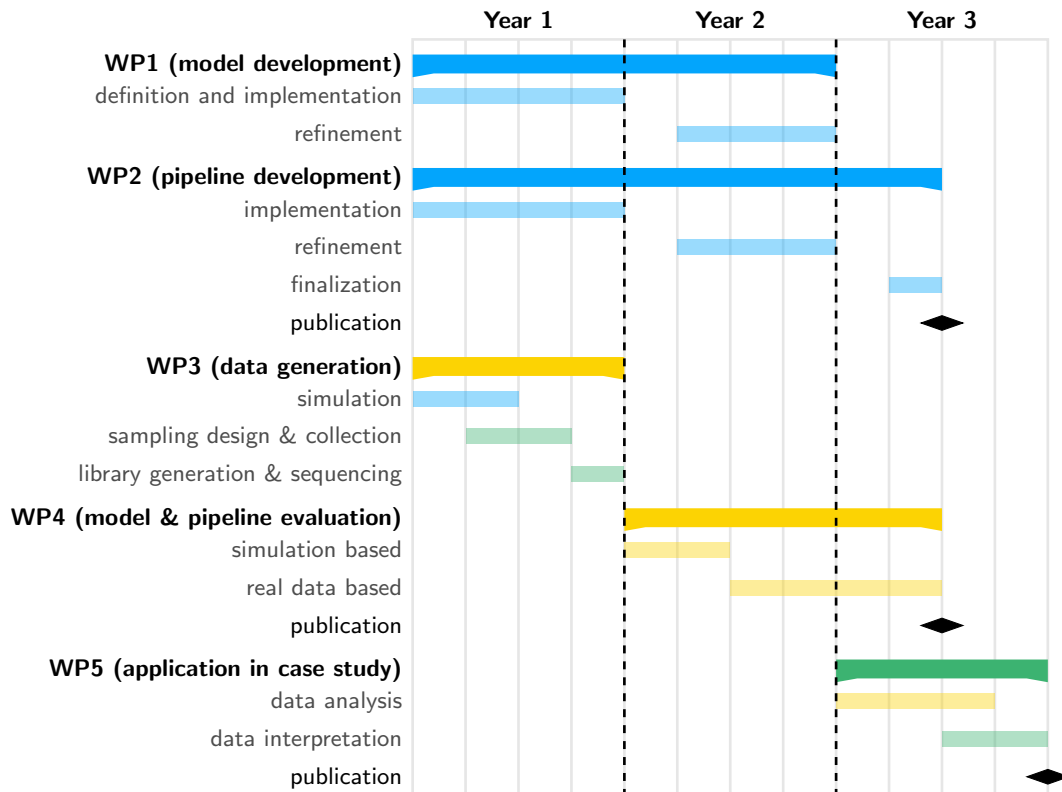


Figure 1: Example Gantt chart.

## 2 Objectives and work programme

### 2.1 Anticipated total duration of the project

The project will be conducted over 36 month. Funding is requested for the entire duration.

### 2.2 Objectives

### 2.3 Work programme including proposed research methods

Some text, we have the ability to refer to work packages defined below with **WP1**

**WP1** (Name of the responsible PI, month 1 - 24): **the work package title**

Work package description.

## 2.4 Handling of research data

## 2.5 Relevance of sex, gender and/or diversity

# 3 Bibliography concerning the state of the art, the research objectives, and the work programme

- [1] D. L. J. Vendrami, . . . , J. I. Hoffman. "RAD sequencing resolves fine-scale population structure in a benthic invertebrate: implications for understanding phenotypic plasticity". In: *Royal Society Open Science* 4.2 (2017).

# 4 Supplementary information on the research context

## 4.1 Ethical and/or legal aspects of the project

### 4.1.1 General ethical aspects

### 4.1.2 Descriptions of proposed investigations on humans, human materials or identifiable data

### 4.1.3 Descriptions of proposed investigations involving experiments on animals

### 4.1.4 Descriptions of projects involving genetic resources (or associated traditional knowledge) from a foreign country

### 4.1.5 Explanations regarding any possible safety-related aspects ("Dual Use Research of Concern"; foreign trade law)

## 4.2 Employment status information

Applicant	Employment status	Affiliation	Duration
the name	status, may be multi line	affiliation may be multi line	permanent position
the name	status, may be multi line	affiliation may be multi line	permanent position

### 4.3 First-time proposal data

### 4.4 Composition of the project group

Applicant	Project role	Employment status	Duration
the name	principal investigator	postdoctoral research fellow (TV-L E13)	permanent position
the name	principal investigator	professor	permanent position
the name	laboratory management	Laboratory manager (Faculty staff)	permanent position
the name	financial management	Secretary (Faculty staff)	permanent position

### 4.5 Researchers in Germany with whom you have agreed to cooperate on this project

**Prof. Dr. X Y - Department of Something, Some University:** some text describing the purpose of the collaboration.

**Prof. Dr. X Y - Department of Something, Some University:** some text describing the purpose of the collaboration.

### 4.6 Researchers abroad with whom you have agreed to cooperate on this project

**Prof. Dr. X Y - Department of Something, Some University, USA:** some text describing the purpose of the collaboration.

**Prof. Dr. X Y - Department of Something, Some University, France:** some text describing the purpose of the collaboration.

### 4.7 Researchers with whom you have collaborated scientifically within the past three years

Name	Institute	Country
Prof. Z	Some University	Some Country
Prof. Z	Some University	Some Country

### 4.8 Project-relevant cooperation with commercial enterprises

None.

## 4.9 Project-relevant participation in commercial enterprises

None.

## 4.10 Scientific equipment

None.

## 4.11 Other submissions

None.

## 4.12 Other information

### 4.12.1 List of used acronyms

shorttext and the long text

# 5 Requested modules/funds

## 5.1 Basic Module

### 5.1.1 Funding for Staff

Add some explanation and insert details in the table below.

Personal	Year	Amount (€)
Student assistant (WHK Bachelor)	1	10,622.72
PhD student	1	71,700
PhD student	2	71,700
PhD student	3	71,700
total costs		225,722.72

### 5.1.2 Direct Project Costs

#### 5.1.2.1 Equipment up to € 10,000, Software and Consumables

Soem intro text and potentially a long table below.

Purpose	Items	Amount (€)
General Laboratory Chemicals	Technical 96% Ethanol for sampling,	1,270
Plasticware/Consumables	pipette tips, ...	2,600
Labware and chemicals for DNA extraction/measurement	Zirconia Beads, ...	754
Chemicals for DNA barcoding	DreamTaq MM, Barcoding Primer, Exol, FastAP, Sanger sequencing	2,164
Chemicals for ddRAD	Restiction enzymes, p5 and p7 adapter, T4 Ligase, Q5 HotStart HF 2x Master Mix and PCR-Primer	9,948
Illumina Sequencing, Macrogen 7 Lanes	HiSeq X 2x150bp paired-end reads sequenced at Macrogen	9,800
total costs		26,536

### 5.1.2.2 Travel Expenses

Some explanation and a detailed table below.

Item	Year	Amount (€)
travel and registration costs	1	2,000
travel and registration costs	2	6,000
travel and registration costs	3	6,000
total costs		14,000

### 5.1.2.3 Visiting Researchers (excluding Mercator Fellows)

None.

### 5.1.2.4 Expenses for Laboratory Animals

None.

### 5.1.2.5 Other Costs

None.

#### **5.1.2.6 Project-related Publication Expenses**

#### **5.1.3 Instrumentation**

##### **5.1.3.1 Equipment exceeding € 10,000**

None.

##### **5.1.3.2 Major Instrumentation exceeding € 50,000**

None.

**7.2-7.8 -**