

# 2018

2019

2020

2021

2022

2023

2024

**MANIFEST:**  
Research Fellowship salary  
Covered 4 years. 9,000,000 GBP total

## Job search

# Pandemic

**BSc – Computer Science and Biochemistry**  
**PhD – Genomics + Proteomics**

**Startup +  
2 PhDs + 2 Postdocs – 4 years**

**KATY: cancer immunotherapy  
and vaccines 750K EUR from  
8.5 Million Euro Total**

**UK Research Fellowship**  
**223,000 EUR**

**JunG: 43,585 EUR  
+ 2 PhD FTE**

## Onco-proteogenomics: cancer proteomics joins forces with genomics

Javier A Alfaro<sup>1,3</sup>, Ankit Sinha<sup>1,2</sup>, Thomas Kislinger<sup>1,2</sup> & Paul C Boutros<sup>1,3</sup>

Started  
Group in  
cancer  
vaccine  
Science

## Stream 4: Integrating single and spatial technologies

### Stream 3: Integrating single and spatial technologies

## Stream 2: Predictive immunology

## Stream 1: Cancer biomarkers

**nature genetics**  
**nature methods**

Sinha et al., 2017  
Alfaro et al., 2014  
 Weinreb et al., 2014  
 Planello et al., 2014

Alfaro et al.  
Genome Med.  
2017

Alfaro (PhD)

PhD  
Awarded

Sinha A et al  
Cancer Cell

Kalathiya et al.  
Scientific Rep.

**Pawlicka et al.**  
**Cancers**

Kalathiya et al.  
J. Clin. Med.

**Padariya et al.**

Padariya et al.,  
Biomolecules, —  
Kalathiya et al.  
Biomolecules

**Alfaro et al.,  
Nature Methods**

**Gasser H. et al.**  
**NeurIPS Workshop**

**Mayordomo et al.**  
**BMC Med Genomics**

**Phillips et al.**  
**Workshop ICML**

MacCoss et al.  
Nature Methods

odran et al.  
ature Communications  
n et al.  
munology

Gema et al.

Tre  
*biol*

Canel et al  
Gut

Canel et al.

**O'Neill et al.**  
**MCP**

Sng et al.  
Front. Immunology  
Krawski et al.  
Immunology

**Gasser et al.**  
***Immunoinformatic***

**Gasser et**  
**BioRxiv**

**Kallor et al.**  
**In prep**

**Kallor et al.**