

**Partner Search Form**  
**Horizon 2020**  
**Health, demographic change and wellbeing**



Date 08. 11. 2018

Deadline 16. 04. 2019

**CONTACT**

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<b>City</b>	Vienna	<b>Website</b>	http://www.wolfgangweninger.at/
<b>Country</b>	Austria		

**Organisation type**

<b>Research organisation type</b>	<input type="checkbox"/> Research Organisation	<b>Is your company a Small and Medium Sized Enterprise (SME*)?</b>  <b>Number of employees:</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<input checked="" type="checkbox"/> University		
	<input type="checkbox"/> Company		
	<input type="checkbox"/> Other		

Your enterprise is an SME if:  
 - it is engaged in **economic activity**  
 - it has **less than 250 employees**  
 - it has either an **annual turnover not exceeding €50M, or an balance sheet total not exceeding €43M**  
 - it is **autonomous**

For the definition of SMEs, look at: [http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition\\_en](http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en)

**Short introduction of key areas of institute's research:**

We are a group of anatomists and imaging experts, researching functional morphology, histology, and development in humans and animal model systems.

**Former participation in an FP European project?**

YES  NO

**Project title / Acronym:**

**Activities performed:**

**Expertise / Commitment offered**

**Description of your expertise:**

Anatomy, functional morphology, embryology, contrast enhanced (micro)CT & ultrasound and High Resolution Episcopic Microscopy (HREM) imaging

**Keywords specifying your expertise:**

Anatomy, functional morphology, histology, embryology, (micro)CT, ultrasound, HREM, 2D and 3D imaging

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**Commitment offered:**

- |  |   |                                   |
|--|---|-----------------------------------|
| <input checked="" type="checkbox"/> Research   | <input type="checkbox"/> Demonstration            | <input type="checkbox"/> Training |
| <input checked="" type="checkbox"/> Technology | <input checked="" type="checkbox"/> Dissemination | <input type="checkbox"/> Other:   |

**Interested in participation in project types:**

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Research & Innovation Action | <input type="checkbox"/> Innovation Action | <input type="checkbox"/> SME Instrument |
|--|--|---|

**Work Programme research areas: indicate your interest**

Pilot actions to build the foundations of a human cell atlas

**Call topic(s):** SC1-BHC-31-2019: Pilot actions to build the foundations of a human cell atlas (Call: Better Health and Care, Economic Growth and Sustainable Health Systems, Call Identifier: H2020-Sc1-Bhc-2018-2020), for a phase 1 project working towards the creation of the Human Cell Atlas.

**Do you have other partners for this topic (which partners/country)?**

not yet

**Profile of partner sought**

**Role**

- |  |  |                                      |
|--|--|--------------------------------------|
| <input checked="" type="checkbox"/> technology development | <input checked="" type="checkbox"/> research | <input type="checkbox"/> training    |
| <input type="checkbox"/> dissemination                     | <input type="checkbox"/> demonstration       | <input type="checkbox"/> other _____ |

**Country /region**

any

**Expertise required**

- We are looking for partners with expertise in:
- 1) epigenomics – DNA methylation, ancient epigenomics, gene expression, gene silencing, working with fresh and/or resin embedded samples from body donors.
  - 2) laser microdissection – optimizing protocols for DNA (and possibly RNA) extraction from resin embedded samples, isolating specific cells/nuclei from resin embedded sections after HREM.
  - 3) analysing gene expression patterns – comparing sample types, DNA methylation data, RNA sequencing data.
  - 4) developing software tools – for analysing gene expression data and/or for 3D integration of gene expression and morphological data.

**I agree with the publication of my contact data:**

YES

NO