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| Date | 14/07/2023 |  |  | Deadline |  |  |

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| CONTACT |

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| **Organisation** | **Luxembourg Institute of Health** | **Department** | Department of Precision Health |
| **Contact person** | Yvan Devaux  Group Leader, Cardiovascular Research Unit | **Email** | [Yvan.Devaux@lih.lu](mailto:Yvan.Devaux@lih.lu) |
| **City** | Luxembourg | **Website** | <https://cvru.lih.lu/> |
| **Country** | Luxembourg |  |  |

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| **Organisation type** |

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| **Research organisation type** | Research Organisation  University  Company  Other | **Is your company a Small and Medium Sized Enterprise (SME\*)?**  **Number of employees:** | YES  NO |

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)

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| **Short introduction of key areas of institute’s research:**  The Luxembourg Institute of Health is active in translational research in the fields of precision health, oncology and infection/immunity. |

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| **Former participation in an FP European project?**  **Project title / Acronym:**  **Activities performed:** | NO   * Chair of EU-CardioRNA COST Action   [www.cardiorna.eu](http://www.cardiorna.eu)   * Co-chair of EU-AtheroNET COST Action   <https://www.cost.eu/actions/CA21153/>   * Partner of IMI2 CARDIATEAM project ([www.cardiateam.eu](http://www.cardiateam.eu)) * Coordinator of H2020 COVIRNA project ([www.covirna.eu](http://www.covirna.eu) ). |

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| **Expertise / Commitment offered** |

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| **Description of your expertise:** | Development of RNA-based biomarkers and therapeutic approaches to personalise health care in multiple disease conditions. Our current focus is on the brain-heart axis with projects related to heart failure, cardiac arrest, diabetes, atherosclerosis, acute coronary syndrome and Parkinson’s disease. |
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| **Keywords specifying your expertise:** | Biomarkers  RNA  Noncoding RNA  Personalized medicine  Cardiovascular disease  Heart disease  Cerebrovascular disease  Brain disease |
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| **Commitment offered:** | Research  Demonstration  Training  Technology  Dissemination  Other: |

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| **Interested in participation in project types:** | Research & Innovation Action | Innovation Action | EIC Pathfinder |

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| Work Programme research areas: indicate your interest |

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| Horizon Europe Cluster 1 – Health |

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| **Call topic(s):**  HORIZON-HLTH-2024-DISEASE- 03-13: Validation of fluid-derived biomarkers for the prediction and  prevention of brain disorders. |

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|  | Validation of newly discovered blood RNA biomarkers of Parkinson Disease |

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| Profile of partner sought |

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| **Role** | technology development | research | training |
|  | dissemination | demonstration | other \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Country /region** |  | | |
| **Expertise required** |  | | |

**I agree with the publication of my contact data:**  YES  NO