**Doctoral Course** | ARTERIAL HYPERTENSION AND VASCULAR BIOLOGY  
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**Macro-area** | Medical and Biomedical Sciences  
**Department name** | Department of Medicine  
**Webpage** | [https://www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/dottorati-internazionali/international-phd-program-arterial-hypertension](https://www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/dottorati-internazionali/international-phd-program-arterial-hypertension)  
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**Research topic A** | Hyperaldosteronism and atrial fibrillation  
Atrial fibrillation is the most common sustained arrhythmia, with 6 million affected people in Europe. This research topic will investigate the relationship between hyperaldosteronism and atrial fibrillation, as a follow-up of the Prospective Appraisal on the Prevalence of Primary Aldosteronism in HYpertensive (PAPPHY) Study, which evidenced high prevalence of primary aldosteronism in the hypertensive patients with unexplained atrial fibrillation.  
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**Research topic B** | Out of the ivory tower: Detection of secondary arterial hypertension  
Secondary forms of arterial hypertension are markedly undetected leaving millions of people exposed to the ominous consequences of high cardiovascular risk in Europe. Aim of the research topic is to test the hypothesis that a systematic approach based on updated education of general practitioners (GPs) and on implementation into practice of simplified validated diagnostic algorithms can improve the case detection of the secondary forms of hypertension.  
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**Link to the UNIPhD Call**  
(Academic Year 2022/2023) | [https://www.unipd.it/en/uniphd](https://www.unipd.it/en/uniphd)