

Proposal Acronym	CARAHY
Proposal Title:	Cardiovascular remodeling in patients with arterial hypertension
Surname:	Hrabak Paar
First name(s):	Maja
Research area:	Life sciences LIF
Sub-discipline of research area:	Physiology, Pathophysiology and Endocrinology (Cardiovascular diseases), Diagnostic Tools, Therapies and Public Health (Diagnostic tools)
Category of research:	applied
[REDACTED]	[REDACTED]
Abstract:	<p>The goal of this project is to assess changes of the heart and blood vessels in hypertensive patients with special emphasis on evaluation of gender differences, interdependence between cardiac and vascular remodeling, and their reversibility under therapy. Cardiovascular remodeling will be assessed using magnetic resonance imaging, which appears to be the best method to provide comprehensive assessment of hypertensive cardiovascular disease. Results obtained in this study will be the path to therapeutic interventions that could reduce severe health consequences and socio-economic burden of hypertension. The research will be conducted under the supervision of Prof. Jens Bremerich at the University Hospital Basel, one of the leading European centers for cardiac imaging. The research training will enable the applicant to obtain an accreditation for the position of the associate professor at University of Zagreb, and to acquire skills required for reaching independent researcher career.</p>
Does this proposal possess any of the sensitive ethical issues detailed in ethical issues table?:	Yes