

Laboratory managers	Instruments	Type of analysis / activity	Description of analysis / activity	Services included	Cost (€)	Notes
Dr. Cesare Ravazzi / Dr. Roberta Pini*	Chemical fume hoods, Centrifuges, Vortex, Vacuum pump, Thermogravimetric analyser, Transmitted light microscopes, Transmitted- reflected light microscope, Stereoscopic microscopes + Magnetic Susceptibility meters (Bartington brand, model MS2); Camera; Manual Borehole drilling systems (russian corer, pedological corer, gauges, etc.); Extruders; Volumetric Samplers; Steel sieves; Decantation basin; Topographic total station; Laser Distance Meter; Air Compressor; Refrigerators	Palynological, paleobotanical and archaeobotanical analysis	Microbotanical analysis (pollen, algae, coprophilous spores, Plio- Quaternary)**	Sample cost, pollen sum of 400 grains. Minimum number of samples: 5	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 250-300 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 280-350 + VAT Third-party service: 300-400 + VAT 	*Minimum cost of contracts: € 2000 **The palynological analysis for the pre- Pliocene Cenozoic and the analysis of the biogenic siliceous fraction are not priced ***Variable cost based on sample size and richness in identifiable remains
			Morphoscopic analysis of micro- and macrocharcoal (type, size classes, concentration)	Sample cost. Minimum number of samples: 5	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 100-120 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 120-150 + VAT Third-party service: 150-250 + VAT 	
			Carpological analysis (sieving, identification of seeds and fruits)	Cost per sample of sediment. Minimum number of samples: 5	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 200-450*** + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 200-450*** + VAT Third-party service: 200-500*** + VAT 	
			Anthracological and xylotomic analysis (charcoal and wood, Europe)	Sample cost. Minimum number of exhibits: 10	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 40-50 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 40-60 + VAT Third-party service: 50-80 + VAT 	
			Microphotography	Minimum number of samples: 5	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 15-20 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 20-25 + VAT Third-party service: 20-30 + VAT 	
		14C AMS dating	Separation of botanical / fauna typologies and preparation of fractions, sending to the laboratory, calibration of the results cal BP / cal BC-AD	Minimum number of samples: 3	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 400-450 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 450-500 + VAT Third-party service: 500-700 + VAT 	
		Thermogravimetric analysis	Loss-On-Ignition analysis (thermal steps at 105-350-550-980 ° C)	Minimum number of samples: 20	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 30-35 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 45-50 + VAT Third-party service: 50-60 + VAT 	
		Magnetic susceptibility measurements	Volumetric κ 10-5 SI, μ and σ values	Minimum number of samples: 50	<ul style="list-style-type: none"> Internal service (CNR researchers and associated A+B+C): 5-10 + VAT (no VAT only for fund transfer inside CNR) Public Research Institutions and Universities service: 5-10 + VAT Third-party service: 10-20 + VAT 	