Annex A

A) Department of Architecture and Industrial Design

a1) n.1 annual grant of € 19,367,05

Title of research: “Scientific Design for medical research” financed by University funds under the competitive project “TRANSITION RS” - Valere 2019 Programme;
Research facility: Department of Architecture and Industrial Design;
Scientific Disciplinary Sector: ICAR/13;
Tutor: prof.ssa Carla Langella;
Date, time and place of interview: 16/03/2020, 1.00 p.m. - Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);
Focus of interview: Relations between design and science in the international research scenario, Design for healthy lifestyles, Design and communication for the medical sciences, Design for food.

a2) n.1 annual grant of € 19,367,05

Title of research: “Relationships between urban parks multisensory stimuli and subjective reactions” financed by University funds under the competitive project “MIELE” - Valere 2019 Programme;
Research facility: Department of Architecture and Industrial Design;
Scientific Disciplinary Sector: ING/IND-11; ICAR/20; ICAR/13;
Tutor: prof. Massimiliano Masullo;
Date, time and place of interview: 17/03/2020, 12.00 – Aula “E. Carreri”, Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);

a3) n.1 annual grant of € 19,367,05

Title of research: “Analysis of legal aspects related to the realization, in public and private areas, of underground works aimed at the installation of seasonal borehole thermal energy storages” financed by University funds under the competitive project “S.E.N.E.C.A.” - Valere 2019 Programme;
Research facility: Department of Architecture and Industrial Design;
Scientific Disciplinary Sector: IUS/10;
Tutor: prof. Marco Calabrò;
Date, time and place of interview: 17/03/2020, 12.00 – Aula “E. Carreri”, Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);
Focus of interview: Administrative Law, Urban planning Law; Environmental Law.
a4) n.1 annual grant of € 19,367,05

Title of research: “Relationships between multisensory stimuli and subjective reactions in residence for elderly” financed by University funds under the competitive project “MIELE”- Valere 2019 Programme;
Research facility: Department of Architecture and Industrial Design;
Scientific Disciplinary Sector: ING/IND-11; ICAR/14; ICAR/13;
Tutor: prof. Luigi Maffei;
Date, time and place of interview: 17/03/2020, 10.00 a.m. – Aula “E. Carreri”, Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);

a5) n.1 annual grant of € 19,367,05

Title of research: “Bell towers’ architectural survey by photogrammetric and instrumental acquisitions” financed by University funds under the competitive project “PRVENT”- Valere 2019 Programme;
Research facility: Department of Architecture and Industrial Design;
Scientific Disciplinary Sector: ICAR/17;
Tutor: prof.ssa Ornella Zerlenga;
Date, time and place of interview: 13/03/2020, 14.30 p.m. – second floor (Prof.ssa Ornella Zerlenga’s room-study), Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);
Focus of interview: Innovative procedure and techniques knowledge and application for remote architectural survey. Architectural survey by drone and laser scanner. The return of architectural and representation methodologies in scale 1:200 and 1:50. Development of three-dimensional models to reading the spatial configuration, surfaces and supporting structures.

a6) n.1 annual grant of € 19,367,05

Title of research: “Termophysical characterization of geo-pedological substrate of selected districts of Campania region eligible for the installation and operation of solar district heating networks integrated with borehole thermal energy storage” financed by University funds under the competitive project “S.E.N.E.C.A.”- Valere 2019 Programme;
Research facility: Department of Architecture and Industrial Design;
Scientific Disciplinary Sector: AGR/14;
Tutor: prof. Antonio Rosato;
Date, time and place of interview: 13/03/2020, 11.00 a.m.- Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);
Focus of interview: General and applied pedology; Pedological survey and mapping; Elements of geology; Termophysical properties of soils and rocks.
a7) n.1 annual grant of € 19.367,05

**Title of research:** “Assessment and analysis of bell towers external surfaces conservation state by the employment of non-destructive monitoring eirbone techniques” financed by University funds under the competitive project “PREVENT” - Valere 2019 Programme;

**Research facility:** Department of Architecture and Industrial Design;

**Scientific Disciplinary Sector:** ING/IND-11;

**Tutor:** prof. Sergio Sibilio;

**Date, time and place of interview:** 13/03/2020, 10.30 a.m. - Aula “E. Carreri”, Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);

**Focus of interview:** Degradation of masonry and its characterization, thermal radiation principles and application of surface thermal imaging, application of ultrasonic “transparency” tests on masonry.

a8) n.1 annual grant of € 19.367,05

**Title of research:** “Seismic vulnerability assessment methods of masonry towers on large observational scale” financed by University funds under the competitive project “PREVENT” - Valere 2019 Programme;

**Research facility:** Department of Architecture and Industrial Design;

**Scientific Disciplinary Sector:** ICAR/09;

**Tutor:** prof. Gianfranco De Matteis;

**Date, time and place of interview:** 13/03/2020, 12.30 p.m. – 1° floor, room of prof. Gianfranco De Matteis, Department of Architecture and Industrial Design, via San Lorenzo ad Septimum – Aversa (CE);

**Focus of interview:** Structural assessment of historical masonry constructions, seismic response of existing structures, methods for seismic vulnerability assessment on large observational scale.

B) Department of Economics

b1) n.1 annual grant of € 19.367,00

**Title of research:** “Leading change in the Italian public Academic Medical Centers” financed by University funds under the competitive project “Leading Change in AMC”- Valere 2019 Programme;

**Research facility:** Department of Economics;

**Scientific Disciplinary Sector:** SECS-P/07;

**Tutor:** prof. Corrado Cuccurullo;

**Date, time and place of interview:** 18/03/2020, 12:00, Dipartimento di Economia, Corso Gran Priorato di Malta – Capua (CE);

**Focus of interview:** Accounting and Management of Healthcare Organizations; bibliometric techniques

b2) n.1 annual grant of € 19.367,00

**Title of research:** “Legal profiles of economics and sustainable mobility” financed by University funds under the competitive project “SEEM” - Valere 2019 Programme;
Research facility: Department of Economics;  
Scientific Disciplinary Sector: IUS/01  
Tutor: prof.ssa Daniela Di Sabato;  
Date, time and place of interview: 18/03/2020, 11:00 a.m., room 32 Department of Economics, Corso Gran Priorato di Malta – Capua (CE);  
Focus of interview: Institutions and Organization, New assets, Contracts, Obligations, Liability: legal profiles of economics and sustainable mobility.

C) Department of Engineering

c1) n.1 annual grant of € 20.355,00

Title of research: “Development and application of scanning and editing techniques of real objects and environments for the virtualization process with X-Reality techniques” financed by University funds under the competitive project “SCISSOR” - Valere 2019 Programme;  
Research facility: Department of Engineering;  
Scientific Disciplinary Sector: ING-IND/15;  
Tutor: Prof. Salvatore Gerbino;  
Date, time and place of interview: 16/03/2020, 11:00 a.m. -Department of Engineering, via Roma 29 – Aversa (CE);  
Focus of interview: Technical Drawing and CAD; Reverse Engineering and Virtual Prototyping; 3D Scanner technologies; Editing of Point Cloud and Mesh (with ICT customization); Virtual Reality and X-Reality.

c2) n.1 annual grant of € 20.355,00

Title of research: “Design and development of models, techniques and technologies for collaborative fruition of distributed museums and archaeological sites” financed by University funds under the competitive project “CLEOPATRA” - Valere 2019 Programme;  
Research facility: Department of Engineering;  
Scientific Disciplinary Sector: ING-INF/05;  
Tutor: Prof. Salvatore Venticinque;  
Date, time and place of interview: 13/03/2020, 11:00 a.m. -Department of Engineering, via Roma 29 – Aversa (CE);  
Focus of interview: Multi-agent systems, mobile computing, embedded systems, collective intelligence, distributed systems, operating systems, web services, internet of things, machine learning, edge computing.

c3) n.1 annual grant of € 20.355,00

Title of research: "Typological GIS and BIM tools for building vulnerability mapping in urban environment” financed by University funds under the competitive project “SEND” - Valere 2019 Programme;  
Research facility: Department of Engineering;  
Scientific Disciplinary Sector: ICAR/10;  
Tutor: Prof. Luigi Mollo;  
Date, time and place of interview: 16/03/2020, 10:30 a.m. -Department of Engineering, via Roma 29 – Aversa (CE);
Focus of interview: BIM, GIS, Typological GIS, building vulnerability, building technologies, typologies and compounds.

**c4)** n.1 annual grant of € 20.355,00

**Title of research:** "Analysis of the pedostratigraphic, geologic and geomorphologic features of piroclastic soils to assess landslide susceptibility" financed by University funds under the competitive project “SEND” - Valere 2019 Programme;

**Research facility:** Department of Engineering;

**Scientific Disciplinary Sector:** GEO/02; AGR/14;

**Tutor:** Prof. ssa Daniela Ruberti;

**Date, time and place of interview:** 16/03/2020, 14:30 p.m. - Department of Engineering, via Roma 29 – Aversa (CE);


**c5)** n.1 annual grant of € 20.355,00

**Title of research:** "Analysis of the mechanical response of slopes subjected to slow-moving landslides" financed by University funds under the competitive project “SEND” - Valere 2019 Programme;

**Research facility:** Department of Engineering;

**Scientific Disciplinary Sector:** ICAR/07;

**Tutor:** Prof. Luca Comegna;

**Date, time and place of interview:** 16/03/2020, 10:00 a.m. - Department of Engineering, via Roma 29 – Aversa (CE);

**Focus of interview:** Analyses of the stability conditions of slopes subjected to rainfall infiltration processes; monitoring of landslides; numerical modelling of landslides.

**c6)** n.1 annual grant of € 19.367,00

**Title of research:** “Development of a prototype transducer for measurements of soil strain profiles for geotechnical application in early warning systems” financed by University funds under the competitive project “STRAIN” - Valere 2019 Programme;

**Research facility:** Department of Engineering;

**Scientific Disciplinary Sector:** ICAR/07;

**Tutor:** Prof. Luca Comegna;

**Date, time and place of interview:** 13/03/2020, 11:00 a.m. - Department of Engineering, via Roma 29 – Aversa (CE);

**Focus of interview:** infiltration processes in saturated and unsaturated soils; effects of water infiltration on the subsoil and on the soil-foundation system; experimental techniques adopted in geotechnical laboratory for investigation of saturated and unsaturated soils; geotechnical monitoring; geotechnical early-warning systems; geotechnical reinforcement measures.
c7) n.1 annual grant of € 19.367,00

Title of research: “Development of a prototype of a hybrid distributed strain transducer for structural monitoring and reinforcement” financed by University funds under the competitive project “STRAIN” - Valere 2019 Programme;
Research facility: Department of Engineering;
Scientific Disciplinary Sector: ICAR/08;
Tutor: Prof. Vincenzo Minutolo;
Date, time and place of interview: 13/03/2020, 14:30 a.m. - Department of Engineering, via Roma 29 – Aversa (CE);
Focus of interview: structural modeling of buildings; structural reinforcement techniques; instrumental monitoring of building elements; analysis of cracking and design of restoration works in concrete structures and in masonry buildings; structural early warning systems.

D) Department of Letters and Cultural Heritage

d1) n. 1 annual grant of € 19.367,00

Title of research: “Researches on the Monte Abatone necropolis (Cerveteri)” financed by University funds under the competitive project “MeditContactCult” - Valere 2019 Programme;
Research facility: Department of Letters and Cultural Heritage;
Scientific Disciplinary Sector: L-ANT/06;
Tutor: Prof. Fernando Gilotta;
Date, time and place of interview: 16/03/2020, 14:00 p.m., Meeting Room, II Floor, Dept. of Letters and Cultural Heritage, Via R. Perla, 21, 81055 Santa Maria Capua Vetere (CE);
Focus of interview: aspects of the Etruscan civilization between Orientalizing period and Romanization, also with reference to problems of necropolis planning and funerary architecture; aspects of neighboring Etrusco-Italic cultures, with special focus on archaic Capua.

d2) n. 1 annual grant of € 19.367,00

Title of research: “Élite residences in the most relevant Greco-Roman and Late Antique sites between Italy and the Eastern Mediterranean. The marble decoration” financed by University funds under the competitive project “MeditContactCult” - Valere 2019 Programme;
Research facility: Department of Letters and Cultural Heritage;
Scientific Disciplinary Sector: L-ANT/07;
Tutor: Prof.ssa Serenella Ensoli;
Date, time and place of interview: 18/03/2020, 12:00 - Dept. of Letters and Cultural Heritage, Via R. Perla, 21, 81055 Santa Maria Capua Vetere (CE);
Focus of interview: The architecture of élite housing in Italy and in the Eastern Mediterranean, particularly with regard to the North-African side. The evolution of the plan and volumes of the buildings and on the adopted architectural style of marble elements and revetments. Historical-political, socio-economic and anthropological implications of their installation and, more generally, of housing habits. Marble imports and their management during the Greco-Roman period, also in relation with both the architects, the sculptors “in tow” and the rising of local workshops.
Title of research: “Material aspects of the city between Late Antiquity and Middle Ages: the cases of Capua and Benevento” financed by University funds under the competitive project “MeditContactCult” - Valere 2019 Programme;
Research facility: Department of Letters and Cultural Heritage;
Scientific Disciplinary Sector: L-ANT/08;
Tutor: Prof. Nicola Busino;
Date, time and place of interview: 16/03/2020, 10:00 a.m. - Dept. of Letters and Cultural Heritage, Via R. Perla, 21, 81055 Santa Maria Capua Vetere (CE);
Focus of interview: The study of cities in current archaeological research; Aspects and forms of the city between Late Antiquity and Middle Ages; Campanian cities between Late Antiquity and Middle Ages; The study of cities in light of new geoarchaeological methods.

Title of research: “Web development of IDP-Illuminated Dante Project 2.0” financed by University funds under the competitive project “IDP 2.0” - Valere 2019 Programme;
Research facility: Department of Letters and Cultural Heritage;
Scientific Disciplinary Sector: ING-INF/05;
Tutor: Prof. Ciro Perna;
Date, time and place of interview: 17/03/2020, 11:30 a.m. - “Sala Riunioni”, 3rd floor, Dept. of Letters and Cultural Heritage, Via R. Perla, 21, 81055 Santa Maria Capua Vetere (CE);
Focus of interview: programming languages; management systems; web back-end programming protocols; functioning of the API (REST) and of the data exchange formats; front-end web programming standards and frameworks; image server.

E) Department of Mathematics and Physics

e1) n. 1 triennale grant of € 20.355,00 annual

Title of research: “Frequency-stabilised cavity ring-down spectroscopy for fundamental tests and measurements” financed by University funds under the Valere 2019 Programme;
Research facility: Department of Mathematics and Physics;
Scientific Disciplinary Sector: FIS/01; FIS/03;
Tutor: Prof. Antonio Castrillo
Date, time and place of interview: 16/03/2020, 14:30 p.m.- Department of Mathematics and Physics, Viale A. Lincoln 5 - Caserta;
Focus of interview: laser-gas interaction; Cw laser sources and optical frequency combs; Optical cavities.

Title of research: “Subnormality and finiteness conditions in groups of infinite rank” financed by University funds under the competitive project “GoAL” - Valere 2019 Programme;
Research facility: Department of Mathematics and Physics;
Scientific Disciplinary Sector: MAT/02;
Tutor: Prof. Alessio Russo;

Date, time and place of interview: 17/03/2020, 15:00 p.m. - Aula F, Department of Mathematics and Physics, Viale A. Lincoln 5 - Caserta;

Focus of interview: Subnormal subgroups and generalizations; Rank of group; Solubility, nilpotency and generalizations; Finiteness conditions.

e3) n. 1 annual grant of € 23,000,00

Title of research: “Numerical methods for spectral and shape optimization problems” financed by University funds under the competitive project “VAIN-HOPES” - Valere 2019 Programme;

Research facility: Department of Mathematics and Physics;

Scientific Disciplinary Sector: MAT/08;

Tutor: Prof.ssa Daniela di Serafino;

Date, time and place of interview: 17/03/2020, 10:30 a.m. - Department of Mathematics and Physics, Viale A. Lincoln 5 - Caserta;

Focus of interview: numerical methods for partial differential equations, nonlinear optimization and spectral optimization. The interview will also concern possible past research experience of the candidate about these topics.

e4) n. 1 annual grant of € 23,000,00

Title of research: “Variational Methods and Optimization problem” financed by University funds under the competitive project “VAIN-HOPES” - Valere 2019 Programme;

Research facility: Department of Mathematics and Physics;

Scientific Disciplinary Sector: MAT/05;

Tutor: Prof.ssa Benedetta Pellacci;

Date, time and place of interview: 17/03/2020, 14:00 p.m. - Department of Mathematics and Physics, Viale A. Lincoln 5 - Caserta;

Focus of interview: The interview will concern the past research activity and the topic of the project.

e5) n. 1 annual grant of € 24,000,00

Title of research: “Multidimensional stochastic models for the quantitative description and the determination of functional relations between qualitative variables” financed by University funds under the competitive project “ANDROIDS” - Valere 2019 Programme;

Research facility: Department of Mathematics and Physics;

Scientific Disciplinary Sector: MAT/07;

Tutor: Prof. Bruno Carbonaro;

Date, time and place of interview: 18/03/2020, 12:00 - Department of Mathematics and Physics, Viale A. Lincoln 5 - Caserta;

Focus of interview: Stochastic models for complex systems; Methods of reduction of big data; Multivariate analysis and PCA applied to the construction of predictive stochastic models. Description of preceding scientific experiences and explanation of their closeness to the subject present research.
F) Department of Precision Medicine

f1) n. 1 annual grant of € 19.367,00

**Title of research:** "Beyond the exome: dissecting the missing heritability of mendelian disease with high genetic heterogeneity" financed by University funds under the competitive project “DisHetGed” - Valere 2019 Programme;

**Research facility:** Department of Precision Medicine;

**Scientific Disciplinary Sector:** MED/03;

**Tutor:** Prof. Sandro Banfi;

**Date, time and place of interview:** 16/03/202, 10:00 a.m. - Department of Precision Medicine, Via L. De Crecchio 6 – Napoli;

**Focus of interview:** Principles of NGS approaches; Procedures for the analysis of NGS data (alignment to genome, variant calling, prediction of functional impact of variants); Evaluation of the knowledge of the English language.

f2) n. 1 annual grant of € 19.367,00

**Title of research:** “Role of epigenetic regulation in human diseases” financed by University funds under the competitive project “EpiMS - Valere 2019 Programme;

**Research facility:** Department of Precision Medicine;

**Scientific Disciplinary Sector:** MED/04;

**Tutor:** Prof. ssa Rosaria Benedetti;

**Date, time and place of interview:** 16/03/202, 14:00 p.m. - Department of Precision Medicine, Via L. De Crecchio 6 – Napoli;

**Focus of interview:** Role of acetylation/methylation in immuno-degenerative pathologies; Technical skills in Epigenetics; Epigenome studies and epi-drugs evaluation; Epigenetic regulation of mRNA.

f3) n. 1 annual grant of € 19.367,00

**Title of research:** “Epigenetic Hallmarks in human pathologies” financed by University funds under the competitive project “EpiMS - Valere 2019 Programme;

**Research facility:** Department of Precision Medicine;

**Scientific Disciplinary Sector:** MED/04;

**Tutor:** Prof. ssa Rosaria Benedetti;

**Date, time and place of interview:** 16/03/202, 09:00 a.m. - Department of Precision Medicine, Via L. De Crecchio 6 – Napoli;

**Focus of interview:** Role of acetylation/methylation in immuno-degenerative pathologies; Technical skills in Epigenetics; Epigenome studies and epi-drugs evaluation; Epigenetic regulation of mRNA.

G) Department of Mental and Physical Health and Preventive Medicine

g1) n. 1 annual grant of € 21.100,00
Title of research: “Interrelationship among inflammation, physical symptoms, mental symptoms and quality of life in subjects with chronic inflammatory physical diseases” financed by University funds under the competitive project “InflaMent” - Valere 2019 Programme;

Research facility: Department of Mental and Physical Health and Preventive Medicine;

Scientific Disciplinary Sector: MED/17;

Tutor: Prof. Paolo Maggi;

Date, time and place of interview: 16/03/2020, ore 15:00 p.m., l’UOC Malattie Infettive – Azienda Ospedaliera “S. Anna e S. Sebastian”, Edificio F, 1° Piano – Caserta;

Focus of interview: Chronic viral infections (HBV, HCV, HIV): epidemiological, virological and pathogenetical characteristics; Markers of chronic inflammation.

g2) n. 1 annual grant of € 21.000,00

Title of research: “Interrelationship among inflammation, physical symptoms, mental symptoms and quality of life in subjects with chronic inflammatory physical diseases” financed by University funds under the competitive project “InflaMent” - Valere 2019 Programme;

Research facility: Department of Mental and Physical Health and Preventive Medicine;

Scientific Disciplinary Sector: MED/35;

Tutor: Prof. Giuseppe Argenziano;

Date, time and place of interview: 16/03/2020, ore 10:00 a.m., Department of Mental and Physical Health and Preventive Medicine, Largo Madonna delle Grazie, 1 - Napoli;

Focus of interview: Allergological dermatology; inflammatory dermatosis.

H) Department of Advanced Medical and Surgical Sciences

h1) n. 1 annual grant of € 20.355,00

Title of research: “Epigenetic Hallmarks in Multiple Sclerosis” financed by University funds under the competitive project “EPIMS 2018” - Valere 2019 Programme;

Research facility: Department of Advanced Medical and Surgical Sciences;

Scientific Disciplinary Sector: MED/26; BIO/11;

Tutor: prof. Antonio Gallo;

Date, time and place of interview: 18/03/2020, 10:00 a.m., Clinica Neurologica (Padiglione 2, lato est, piano terra) del Dipartimento di Scienze Mediche e Chirurgiche Avanzate, Piazza Miraglia, 2 – Napoli;

Focus of interview: Multiple Sclerosis and mechanisms of actions of disease modifying treatments; Epigenetic of Multiple Sclerosis; Creation and management of a research database; Knowledge of the English language.

h2) n. 1 annual grant of € 24.426,00

Title of research: “Nutri-epigenetics and physical activity: a natural help for Neurofibromatosis type 1 (TRANSITION) financed by University funds under the competitive project “TRANSITION” - Valere 2019 Programme;

Research facility: Department of Advanced Medical and Surgical Sciences;

Scientific Disciplinary Sector: MED/26; MED/33; MED/35;

Tutor: prof.ssa Mariarosa Anna Beatrice Melone;
Date, time and place of interview: 16/03/2020, 09:00 a.m., Library of Clinica Neurologica, 1° floor, Build 10, Department of Advanced Medical and Surgical Sciences, via Pansini 5- Napoli;
Focus of interview: Clinical featurea of Neurofibromatosis type 1, with particular reference to musculoskeletal aspects; Static and dynamic postural evaluation using 3D motion analysis, force platforms and surface polyelectromyography.

h3) n. 1 annual grant of € 20.000,00

Title of research: “Short term IMPACT Anti-hyper-GIicemic agents on NAFLD progression in type 2 Diabetes: the IMAGIN Study-Randomized Controlled Open-Label Clinical Trial” financed by University funds under the competitive project “Imagin” -Valere 2019 Programme;
Research facility: Department of Advanced Medical and Surgical Sciences;
Scientific Disciplinary Sector: MED/09;
Tutor: prof. Ferdinando Carlo Sasso;
Date, time and place of interview: 13/03/2020, 10:00 a.m., office of Prof. F.C. Carlo Sasso, Piazza Miraglia 2 (pavilion 2, west side, third floor) – Napoli;
Focus of interview: Skills in managing the complex diabetic patient with innovative anti-hyperglycemic drugs. Internal medicine management of the diabetic patient.

h4) n. 1 annual grant of € 20.355,00

Title of research: “Targeting ADIPose tissue metabolic dysfunction for preventing Colorectal Cancer progression and cachexia” financed by University funds under the competitive project “ADIPCARE” -Valere 2019 Programme;
Research facility: Department of Advanced Medical and Surgical Sciences;
Scientific Disciplinary Sector: MED/04;
Tutor: prof.ssa Michelangela Barbieri;
Date, time and place of interview: 16/03/2020, 10:30 a.m., Department of Advanced Medical and Surgical Sciences, via Pansini 5- Napoli;
Focus of interview: Main technologies applied to molecular biology; epigenetic evaluation; cell cultures.

h5) n. 1 annual grant of € 20.355,00

Title of research: “Targeting ADIPose tissue metabolic dysfunction for preventing Colorectal Cancer progression and cachexia” financed by University funds under the competitive project “ADIPCARE” -Valere 2019 Programme;
Research facility: Department of Advanced Medical and Surgical Sciences;
Scientific Disciplinary Sector: MED/18;
Tutor: prof. Francesco Selvaggi;
Date, time and place of interview: 16/03/2020, 09:30 a.m., Department of Advanced Medical and Surgical Sciences, Padiglione 3, lato est, piano terra, piazza Miraglia 2 – Napoli;
Focus of interview: Diagnosis and therapy of colon rectal cancer.

h6) n. 1 annual grant of € 19.500,00

Title of research: “Role of D-aspartic acid in the regulation of gonadotropic axis and spermatogenesis in humans” financed by University funds under the competitive project “REPRODASP” -Valere 2019 Programme;
Research facility: Department of Advanced Medical and Surgical Sciences;  
Scientific Disciplinary Sector: MED/13;  
Tutor: prof. Antonio Agostino Sinisi;  
Date, time and place of interview: 18/03/2020, 10:00 a.m., Department of Advanced Medical and Surgical Sciences, Edificio 3, via Pansini 5 - Napoli;  
Focus of interview: Neuroendocrine and molecular aspects of GnRH secretion in humans.  

h7) n. 1 annual grant of € 20.355,00

Title of research: “Metformin and DPP4I effects in AGIng: multi-modal analysis of Clinical, Epigenetic and MRI data for evaluation of cognitive functions and Neurobiological processes” financed by University funds under the competitive project “MAGIC EMOTION” -Valere 2019 Programme;  
Research facility: Department of Advanced Medical and Surgical Sciences;  
Scientific Disciplinary Sector: MED/26;  
Tutor: prof.ssa Francesca Trojsi;  
Date, time and place of interview: 17/03/2020, 10:30 a.m., Firs Division of Neurology, Department of Advanced Medical and Surgical Sciences, Piazza Miraglia 2- Napoli;  
Focus of interview: Previous and current involvement in research groups and/or clinical trials on phenotypic characterization and study of neurodegeneration mechanisms; Expertise and competence in the administration and interpretation of ad hoc neuropsychological protocols; Use of data collection and processing programs (such as excel, SPSS).  

h8) n. 1 annual grant of € 20.355,00

Title of research: “Metformin and DPP4I effects in AGIng: multi-modal analysis of Clinical, Epigenetic and MRI data for evaluation of cognitive functions and Neurobiological processes” financed by University funds under the competitive project “MAGIC EMOTION” -Valere 2019 Programme;  
Research facility: Department of Advanced Medical and Surgical Sciences;  
Scientific Disciplinary Sector: MED/09;  
Tutor: prof.ssa Maria Rosaria Rizzo;  
Date, time and place of interview: 18/03/2020, 10:30 a.m., at Library room, II building, east side, II, Department of Advanced Medical and Surgical Sciences, Piazza Miraglia 2- Napoli;  
Focus of interview: Expertise and competence in the administration and interpretation of psychometric tests in the elderly patient; Participation in research groups concerning the study of the elderly population, with particular expertise in multidimensional and cognitive status assessment; Use of data collection and processing programs (such as excel, SPSS).  

I) Department of Environmental, Biological and Pharmaceutical Sciences and Technologies

i1) n. 1 annual grant of € 19.377,95

Title of research: "In vivo and in vitro evaluation of conventional pesticides genotoxic effects compared to natural metabolites with nematocidal activity" financed by University funds under the competitive project “ALBIOMET”-Valere 2019 Programme;
Research facility: Department of Environmental, Biological and Pharmaceutical Sciences and Technologies; 
Scientific Disciplinary Sector: BIO/06; 
Tutor: prof. ssa Lucia Rocco; 
Date, time and place of interview: 16/03/2020, 09:00 a.m., Aulario - Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, Via Vivaldi 43- Caserta; 
Focus of interview: Genotoxic effects of pesticides on living organisms; cell cultures; DNA fragmentation techniques; genomic stability and damage assessment.

i2) n. 1 annual grant of € 19.975,33

Title of research: “Seaweed biostimulants as tool for plant biotic stress management: effects on retrotransposon mobilization in MicroTom Genome” financed by University funds under the competitive project “ALBIOMET”-Valere 2019 Programme; 
Research facility: Department of Environmental, Biological and Pharmaceutical Sciences and Technologies; 
Scientific Disciplinary Sector: BIO/04; 
Tutor: prof. ssa Pasqualina Woodrow; 
Date, time and place of interview: 16/03/2020, 10:00 a.m. - Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, Via Vivaldi 43- Caserta; 
Focus of interview: Plant response to abiotic stress; Salinity Stress; Osmotic adaptation and tolerance to salinity; The influence of salinity stresses; Genes involved in salt stress. Transposable elements and repeated sequences; Retrotransposons; Transposition mechanisms; Use of transposons as molecular markers; SSAP; IRAP; Gene expression; The role of chromatin in the organization of chromosomes and gene expression; Epigenetic mechanisms of gene regulation.

i3) n. 1 annual grant of € 20.354,99

Title of research: “Impact of CB1 gene deletion on mitochondrial activities” financed by University funds under the competitive project “ICOM”-Valere 2019 Programme; 
Research facility: Department of Environmental, Biological and Pharmaceutical Sciences and Technologies; 
Scientific Disciplinary Sector: BIO/09; 
Tutor: prof. Antonio Lanni; 
Date, time and place of interview: 16/03/2020, 14:00 p.m. - Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, Via Vivaldi 43- Caserta; 
Focus of interview: The endocannabinoid system (ECS) and mitochondrial activity; Molecular pathways associated to CB1-mediated mitochondrial activity.

i4) n. 1 annual grant of € 19.367,00

Title of research: “Development and characterization of novel dosage forms for the administration of lignanamide fractions from hemp seeds” financed by University funds under the competitive project “HEAD-ON” - Valere 2019 Programme; 
Research facility: Department of Environmental, Biological and Pharmaceutical Sciences and Technologies; 
Scientific Disciplinary Sector: CHIM/09;
Tutor: prof.ssa Severina Pacifico;
Date, time and place of interview: 16/03/2020, 10:00 a.m. - SB room, Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, Via Vivaldi 43-Caserta;
Focus of interview: The interview will be aimed at verifying the candidate's knowledge on the development and characterization of conventional and innovative dosage forms of active molecules; The attention will be focused on the design and development of biodegradable particle nano- and micro-systems for the administration of active molecules of different nature (synthetic molecules and plant extracts), but at the same time, the study of polymeric composition systems, different shape and architecture, where the particular route of administration and / or application requires it; The knowledge of the chemical-physical characterization methods of nano and micro-systems will also be verified, such as scattering techniques, electrophoresis, HPLC and spectroscopy (UV-Vis, spectrofluorimetry) as well as evaluation of the activity of the formulated molecules.

i5) 1 annual grant of € 20.200,00

Title of research: "Microplastics pollution: effects of toxicity and genotoxicity on the trophoic aquatic chain" financed by University funds under the competitive project “ETERE”- Valere 2019 Programme;
Research facility: Department of Environmental, Biological and Pharmaceutical Sciences and Technologies;
Scientific Disciplinary Sector: MED/42,
Tutor: prof.ssa Margherita Lavorgna;
Date, time and place of interview: 13/03/2020, 10:00 a.m. – Aula B, Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, Via Vivaldi 43-Caserta;
Focus of interview: Boindicator species; Acute and chronic toxicity tests; Evaluation of genotoxic effects.

L) Department of Political Science “Jean Monnet”

l1) 1 annual grant of € 20.355,00

Title of research: “Political and social effects of phrenological doctrine” financed by University funds under the competitive project “FREIT”- Valere 2019 Programme;
Research facility: Department of Political Science “Jean Monnet”;
Scientific Disciplinary Sector: SEPS/01;
Tutor: prof. Antonio Cesaro;
Date, time and place of interview: 17/03/2020, 10:00 a.m.- Department of Political Science "Jean Monnet", 1° piano Viale Ellittico 31- Caserta;
Focus of interview: Birth and development of phrenological doctrine and its impact on the codification processes in the nineteenth century; Political, social and cultural impact of organological doctrines; Utopia of a moral prophylaxis of society; Birth of criminal anthropology and of forensic psychiatry.
I2) n. 1 annual grant of € 20.355,00

Title of research: “Non-State Actors and Cybersecurity: Regulation Problems in National and International Law” financed by University funds under the competitive project “SSeGov”- Valere 2019 Programme;
Research facility: Department of Political Science “Jean Monnet”;
Scientific Disciplinary Sector: IUS/01; IUS/13;
Tutor: prof. Stefano Deplano;
Date, time and place of interview: 17/03/2020, 10:00 a.m. - Department of Political Science “Jean Monnet”, 1° piano Viale Ellittico 31- Caserta;
Focus of interview: Cybersecurity and role of non-state actors; Proposals elaborated by legal scholars in relation to subjectivity and responsibility.

M) Multidisciplinary Department of Medical-Surgical and Dental Specialties

m1) n. 1 annual grant of € 20.355,00

Title of research: “Characterization of musculoskeletal involvement and proposal of a tailored rehabilitation program in Neurofibromatosis type 1 patients (NF1)” financed by University funds under the competitive project “TRANSITION” - Valere 2019 Programme;
Research facility: Multidisciplinary Department of Medical-Surgical and Dental Specialties;
Scientific Disciplinary Sector: MED/34;
Tutor: Prof. Giovanni Iolascon;
Date, time and place of interview: 16/03/2020, 09:00 a.m., Multidisciplinary Department of Medical-Surgical and Dental Specialties; Via L. De Crecchio 6 - Napoli;
Focus of interview: Pathogenesis of NF1; Multidimensional clinical evaluation of patient affected by NF1; Rehabilitation Project of patient with NF1; Bone involvement and bone-muscle cross-talk in neuromuscular disease