

Chiara Rucci

CURRENT POSITION

1 February 2026– current

Post-Doc Researcher

Unit of Nutrigenomics and Molecular Biology
School of Pharmacy and Health Products
University of Camerino, Italy
Supervisors Prof. Rosita Gabbianelli

WORK EXPERIENCE

1 December 2025 – 31 January
2026

Volunteer Research Assistant

Unit of Nutrigenomics and Molecular Biology
School of Pharmacy and Health Products
University of Camerino, Italy
Supervisors Prof. Rosita Gabbianelli, Prof. Laura Bordoni

EDUCATION

19 December 2025

PhD in Life and Health Sciences

Curriculum: Nutrition, Food and Health

Unit of Nutrigenomics and Molecular Biology
School of Pharmacy and Health Products
University of Camerino, Italy

Title of the thesis: "Molecular insights into inflammation: the role of diet-derived compounds, aging and cardiovascular disease".

Supervisors: Prof. Rosita Gabbianelli, Prof. Laura Bordoni

November 2022

Licensing as senior Biologist

University of Camerino, Italy

July 2022

Master's degree in Biological Sciences

Curriculum: Nutrition and functional food

University of Camerino, Italy

Final grade: 110 with laude

Experimental thesis in Epigenetics "The impact of dietary patterns and physical activity on mitochondrial DNA: any intermediary role for trimethylamine metabolism?"

Supervisors: Dr. Laura Bordoni and Prof. Rosita Gabbianelli

Unit of Nutrigenomics and Molecular Biology
School of Pharmacy and Health Products

November 2019

Licensing as Junior Biologist

University of Camerino, Italy

October 2019 **Bachelor's degree in Biologia della Nutrizione**
University of Camerino
Final grade: 110 with laude
Bachelor thesis in Biochimica della Nutrizione "Dieta chetogenica in pazienti con sindrome dell'ovaio policistico"
Tutor: Prof Valeria Polzonetti, Dott.ssa Anna Paola Scioletti

INTERNSHIPS

February 2025 – August 2025 **Internship at the Cell Death Signaling – Epigenetic Laboratory**
University of Antwerp, Belgium
Supervisor Prof Wim Vanden Berghe
Bioinformatic training in Nanopore epi-sequencing
Practical experience in methylation array data analysis
Practical experience in protein tyrosine kinase assay on PamChip arrays on the PamStation

17 February 2025 - 24 February 2025 **Internship at VIB-UAntwerp Center for Molecular Neurology, Neuromics Support Facility**
University of Antwerp, Belgium
Supervisors Dr. Mojca Strazisar and Dr. Tim de Pooter
Practical training in Nanopore sequencing

September 2020 – July 2021 **Internship at the Nutrigenomics and Molecular Biology laboratory**
School of Pharmacy and Health Products
University of Camerino, Italy
Supervisor Dr. Laura Bordoni, Prof Rosita Gabbianelli

May 2019 – September 2019 **Internship in a Clinical Nutrition Practice**
Dr. Anna Paola Scioletti, PhD – Nutritionist Biologist, Specialist in Clinical Pathology
Ascoli Piceno, Italy

SCHOOL, COURSES and WORKSHOPS

16 February 2026 – 17 February 2026 **Corso di Formazione FISV "Epigenetica tecnologie avanzate"**
Federazione Italiana Scienze della vita

30 June 2025 – 2 July 2025 **Workshop "Data Visualization in R: From Data Wrangling to Interactive Plots"**
Physalia courses
12 hours (1ECTs)

10 February 2025 - 14 February 2025 **Workshop "DNA Methylation in Ecology and Evolution"**
Physalia courses
25 hours (1ECTs)

21 October 2024 – 25 October 2024 **Autumn School in Bioinformatics**
Physalia courses
30 hours (1ECTs)

18 June 2024 – 21 June 2024 **5th European Summer School on Nutrigenomics**

University of Camerino
Senigallia, Italy

03 June 2024 – 07 June 2024

2nd Advanced school on biophysical methods for protein-protein and protein-ligand interaction analysis

Università degli Studi di Milano, Università del Piemonte Orientale, Gruppo San Donato
40 hours

17 November 2023 – 27
November 2023

Workshop: Analysis of RNAsequencing data with R/Bioconductor

Physalia courses
27 hours (1ECTs)

03 September 2023 – 05
September 2023

Post-graduate course: "Primers in omic data analysis: genomics and transcriptomics to boost your research in molecular nutrition"

NuGO Association and University of Camerino
Senigallia, Italy

21 June 2021 – 25 June 2021

4th European Summer School on Nutrigenomics

University of Camerino, Held Online

SCIENTIFIC PRODUCTION

- Bordoni L., Mansouri F., **Rucci C.**, Agostinho de Sousa J., von Meyenn F., Impact of dietary habits on epigenetic age acceleration: evaluating the intermediary role of low-grade inflammation. Article submitted on Clinical Nutrition Journal
- **Rucci C.**, Sordini E, Persico G, Ciurlia E, Pappagallo N, Matacchione G, Giorgio M, Fratemale D, Albertini MC, Annear D, De Rijk P, De Pooter T, Strazisar M, Berghe WV, Bordoni L, Amatori S, Gabbianelli R. The Nutrigenomic Effect of Mela Rosa Marchigiana Callus Extract on Cellular Senescence: Insight From a Preliminary In Vitro Study. Mol Nutr Food Res. 2025 Dec;69(24):e70336. doi: 10.1002/mnfr.70336. Epub 2025 Nov 22. PMID: 41273127; PMCID: PMC12700053.
- Bordoni L, Petracci I, Feliziani G, de Simone G, **Rucci C.**, Gabbianelli R. Gut Microbiota-Derived Trimethylamine Promotes Inflammation with a Potential Impact on Epigenetic and Mitochondrial Homeostasis in Caco-2 Cells. Antioxidants (Basel). 2024 Aug 30;13(9):1061. doi: 10.3390/antiox13091061. PMID: 39334721; PMCID: PMC11428692.
- **Rucci C.**, de Simone G, Salathia S, Casadidio C, Censi R, Bordoni L. Exploring mitochondrial DNA copy number in circulating cell-free DNA and extracellular vesicles across cardiovascular health status: A prospective case-control pilot study. FASEB J. 2024 May 31;38(10):e23672. doi: 10.1096/fj.202400463R. PMID: 38775929.
- Gabbianelli R, Shahar E, de Simone G, **Rucci C.**, Bordoni L, Feliziani G, Zhao F, Ferrati M, Maggi F, Spinozzi E, Mahajna J. Plant-Derived Epi-Nutraceuticals as Potential Broad-Spectrum Anti-Viral Agents. Nutrients. 2023 Nov 8;15(22):4719. doi: 10.3390/nu15224719. PMID: 38004113; PMCID: PMC10675658.

CONFERENCES

- 11 June 2025 - 13 June 2025 **Clinical Epigenetics International Conference 2025**
Organized by Prof. Lucia Altucci
Naples, Italy
- 09 June 2025 **SIB-TUM 2025, congress of the Italian society of Biochemistry and Molecular Biology**
Florence, Italy
- 04 May 2025 **The future of biomedical research: Cloud conference**
University of Antwerp
Antwerp, Belgium
- 12 April 2025 **Cancer Research Day**
University of Antwerp
Antwerp, Belgium
- 05 September 2023 – 08 September 2023 **NuGO week conference: "Impact of nutrition during different life stages – tracing the impact of diet on human health"**
Senigallia, Italy
- 8 July 2023 – 12 July 2023 **FEBS Congress**
Tours, France

POSTER PRESENTATIONS

- 12 June 2025 **Clinical Epigenetics International Conference 2025**
Poster Title: "The transcriptomic and epigenetic effect of Mela Rosa Marchigiana callus extract: insight from an in vitro model of cellular senescence"
Authors: **Chiara Rucci**, Laura Bordoni, Dale Annear, Enrica Sordini, Giuseppe Persico, Eugenia Ciurlia, Noemi Pappagallo, Giulia Matacchione, Marco Giorgio, Daniele Fratemale, Maria Cristina Albertini, Stefano Amatori, Peter De Rijk, Tim De Pooter, Mojca Strazisar, Wim Vanden Berghe, Rosita Gabbianelli
Naples, Italy
- 09 June 2025 **SIB-TUM 2025, congress of the Italian society of Biochemistry and Molecular Biology**
Poster Title: "Exploring the transcriptomic and epigenetic impact of Mela Rosa Marchigiana callus extract on cellular aging: insight from an in vitro study"
Authors: **Chiara Rucci**, Laura Bordoni, Enrica Sordini, Giuseppe Persico, Eugenia Ciurlia, Noemi Pappagallo, Giulia Matacchione, Marco Giorgio, Daniele Fratemale, Maria Cristina Albertini, Stefano Amatori, Rosita Gabbianelli.
Florence, Italy
PRIZE AS BEST POSTER

07 September 2023 **NuGo week conference**
Poster Title: "Effects of trimethylamine on the mitochondrial DNA: evidence from an in vitro model of intestinal epithelial cells."
Authors: **Chiara Rucci**, Elisa Veloni, Laura Bordoni e Rosita Gabbianelli
Senigallia, Italy

09 July 2023 **FEBS Congress**
Poster Title: "Absolute quantification of mitochondrial DNA copy number from circulating cell-free DNA and exosomes in different cardiovascular health status: a case-control study from Lifelines biobank"
Authors: **Chiara Rucci**, Gaia de Simone, Sanyia Salathia, Cristina Casadiddio, Roberta Censi and Laura Bordoni.
Tours, France

ORAL PRESENTATIONS

17 December 2025 **Presentation titled "Nutrigenomics of Mela Rosa Marchigiana callus extract"**
WP5 Final Scientific Meeting of the PNRR Vitaliy Project
University of Camerino, Italy

22 May 2025 **Presentation titled "The nutrigenomic effect of Mela Rosa Marchigiana callus extract on cellular senescence: insight from a preliminary in vitro study"**
InnovOcean Meeting
Ostenda, Belgium

15 July 2025 **Presentation of the PhD project at the Lab retreat of the Cell Death Signaling - Epigenetics lab of Prof. Wim Vanden Berghe, Tom Vanden Berghe and Andy Wullaert**
Lier, Belgium

PRIZES AND AWARDS

09 June 2025 **PRIZE as best poster at SIB-TUM 2025, congress of the Italian society of Biochemistry and Molecular Biology**
Poster Title: "Exploring the transcriptomic and epigenetic impact of Mela Rosa Marchigiana callus extract on cellular aging: insight from an in vitro study"
Authors: **Chiara Rucci**, Laura Bordoni, Enrica Sordini, Giuseppe Persico, Eugenia Ciurlia, Noemi Pappagallo, Giulia Matacchione, Marco Giorgio, Daniele Fraternali, Maria Cristina Albertini, Stefano Amatori, Rosita Gabbianelli.
Florence, Italy

26 June 2025 **Winner of "Biodiversity Gateway" Scholarship to attend an advanced training program (Corso di alta formazione) on bioinformatics**
Awarded by the National Biodiversity Future Center (NBFC)

ACADEMIC ROLES

- 05 June 2024 – current **Cultore della materia in Biologia Molecolare 05/BIOS-07 – BIOCHIMICA (ex 05/E1-Biochimica generale)**
University of Camerino
Camerino, Italy
- 05 June 2024 – current **Cultore delle Materia in Biochimica della Nutrizione e Nutrigenomica 05/BIOS-07 – BIOCHIMICA (ex 05/E1-Biochimica generale)**
University of Camerino
Camerino, Italy
- 05 June 2024 – current **Cultore della Materia in Alimentazione del Fitness 05/BIOS-07 – BIOCHIMICA (ex 05/E1-Biochimica generale)**
University of Camerino
Camerino, Italy
- 05 June 2024 – current **Cultore della Materia in Scienze dell'alimentazione e principi di nutrizione 05/BIOS-07 – BIOCHIMICA (ex 05/E1-Biochimica generale)**
University of Camerino
Camerino, Italy
- 05 June 2024 – current **Cultore della materia Biochimica e Biologia molecolare 05/BIOS-07 – BIOCHIMICA (ex 05/E1-Biochimica generale)**
University of Camerino
Camerino, Italy

TEACHING ACTIVITIES

- 17 April 2023 **Lecture on “Vitamines”**
Duration: 2h
Topics: Vitamine liposolubili e idrosolubili. Ruoli biochimici e fonti alimentari.
Course: Scienze dell’Alimentazione
Degree programme: Pharmacy
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy
- 18 April 2023 **Lecture on “Molecular Biology techniques”**
Duration: 3h
Topics: Cell culture, RNA extraction, DNA extraction, reverse transcription, real-time PCR, Pyrosequencing, Digital PCR
Course: Molecular Biology
Degree programme: Chimica e Tecnologie Farmaceutiche
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy

- 21 April 2023** **Lecture on “Molecular Biology techniques”**
Duration: 3h
Topics: Cell culture, RNA extraction, DNA extraction, reverse transcription, real-time PCR, Pyrosequencing, Digital PCR
Course: Molecular Biology
Degree programme: Chimica e Tecnologie Farmaceutiche
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy
- 30 May 2023** **Lecture on “Molecular Biology techniques”**
Duration: 2h
Topics: Cell culture, RNA extraction, DNA extraction, reverse transcription, real-time PCR, Pyrosequencing, Digital PCR
Course: Scienze dell’Alimentazione
Degree programme: Pharmacy
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy
- 9 April 2024** **Lecture on “Vitamines”**
Duration: 2h
Topics: Vitamine liposolubili e idrosolubili. Ruoli biochimici e fonti alimentari.
Course: Scienze dell’Alimentazione
Degree programme: Pharmacy
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy
- 23 April 2024** **Lecture on “Molecular Biology techniques”**
Duration: 4h
Topics: Cell culture, RNA extraction, DNA extraction, reverse transcription, real-time PCR, Pyrosequencing, Digital PCR
Course: Molecular Biology
Degree programme: Chimica e Tecnologie Farmaceutiche
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy
- 27 May 2024** **Lecture on “Molecular Biology techniques”**
Duration: 2h
Cell culture, RNA extraction, DNA extraction, reverse transcription, real-time PCR, Pyrosequencing, Digital PCR
Course: Scienze dell’Alimentazione
Degree programme: Pharmacy
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy

17 December 2024 **Lecture on “Molecular Biology techniques”**
Duration: 2h
Course: Scienze dell’Alimentazione
Degree programme: Pharmacy
School of Pharmacy and Health Products
University of Camerino
Camerino, Italy

MEMBERSHIPS

2026-2027 **Member of the Italian Society of Biochemistry**
Young member (under 35)

OTHER ACTIVITIES

Current **Member of the organizing committee of the 6th European Summer School on Nutrigenomics**
Title: “OMICS APPROACHES TO EARLY LIFE PROGRAMMING OF ADULT HEALTH”
University of Camerino
Camerino, Italy

September 2025 – November 2025 **Supervision of the Master students’ activities in the Nutrigenomic and molecular biology lab**
University of Camerino
Camerino, Italy

13 July 2025 – 15 July 2025 **Participation at the Lab retreat of the Cell Death Signaling - Epigenetics lab of Prof. Wim Vanden Berghe, Tom Vanden Berghe and Andy Wullaert**

February 2025 – March 2025 **Revision of scientific paper published in the journal “Molecular Nutrition and Food research”**

18 June 2024 – 21 June 2024 **Member of the organizing committee of the 5th European Summer School on Nutrigenomics**
University of Camerino
Senigallia, Italy

05 September 2023 – 08 September 2023 **Member of the organizing committee of the NuGO week conference: "Impact of nutrition during different life stages – tracing the impact of diet on human health"**
Senigallia, Italy

January 2023 – May 2023 **Supervision of the Master students’ activities in the Nutrigenomic and molecular biology lab**
University of Camerino
Camerino, Italy

Academic year 2023/2024	Exams of geology (Geologia I) 12 cfu (SBM006)
17 August 2022	Participations with the Nutrigenomics Lab Team to the “Superquark” TV program https://www.youtube.com/watch?v=i2WfVtopHfQ
11 August 2021	Participations with the Nutrigenomics Lab Team to the “Superquark” TV program https://www.youtube.com/watch?v=vE0Aa1e_5Fo
Academic year 2017/2018	Exams for Teaching Expertise Improvement (pf24): Antropology (FIT003), Metodologie e tecnologie didattiche (FIT004), Processi cognitivi, di apprendimento e sviluppo (FIT002), Progettazione, valutazione ricerca educativa (FIT001) University of Camerino Camerino, Italy
2014-2015	Two-year English course taught by a native speaker British School Ascoli Piceno

THIRD MISSION ACTIVITIES

6 December 2025	Lecture to high school students (I and II year) during “assemblea d’istituto” Title “Educazione alimentare e ricerca scientifica in nutrizione: dalla teoria alla pratica” Liceo Scientifico Antonio Orsini Ascoli Piceno, Italy
29 November 2025	Lecture to high school students (III, IV, V year) during “assemblea d’istituto” Title “Educazione alimentare e ricerca scientifica in nutrizione: dalla teoria alla pratica” Liceo Scientifico Antonio Orsini Ascoli Piceno, Italy
September 2025	NUTRIMENTE FESTIVAL: LABORATORI DIDATTICI PER SCUOLA PRIMARIA E SECONDARIA DI I GRADO E ATTIVITA' DI DIVULGAZIONE SCIENTIFICA APERTE AL PUBBLICO Title “Alla scoperta della Nutrigenomica: Come studiare gli effetti molecolari dei cibi che mangiamo.” San Benedetto del Tronto, Italy
September 2024	NUTRIMENTE FESTIVAL: LABORATORI DIDATTICI PER SCUOLA PRIMARIA E SECONDARIA DI I GRADO E ATTIVITA' DI DIVULGAZIONE SCIENTIFICA APERTE AL PUBBLICO Title “Alla scoperta della Nutrigenomica: Come studiare gli effetti molecolari dei cibi che mangiamo.” San Benedetto del Tronto, Italy

Personal Skills

Native Language: Italian

Other languages: English

Cambridge English Level 1 Certificate in ESOL international (First)

SEMINARS

- 19.01.23 **NuGO Webinar: Lifelines Biobank for diet and health research**
Held online by NuGo organization
- 18.03.23 **Seminar: Insights and drawbacks of the publishing process**
University of Camerino
- 29.03.23 **Seminar: Physiological implications of ghrelin processing.**Dr. Daniela Lufrano
University of Camerino
- April 2023 **Thematic course: Introduction to Nanopore Sequencing**
Held online by ONT
- 18.04.23 **Seminar: Cristallization in food**
Prof. Katrin Laos. Department of Chemistry and Biotechnology Tallinn, University of Technology (Taltech), Tallinn, Estonia
University of Camerino
- 02.05.23 **Seminar: Introduction to meat analogues**
Dr. Enrico Federici, Ph.D. Food Science, Innovation Scientist, Beyond Meat, El Segundo, CA, USA
University of Camerino
- 11.05.23 **Seminar: Nutrition and Cancer**
Prof. Jamal Mahajna. Head of the department of Nutrition and Natural products – The laboratory of Cancer Drug Discovery Program - Migal- Galilee Research Institute Kiryat Shmona – Israel.
University of Camerino, Camerino, Italy
- 25.05.23 **Seminar: Cancer targeted therapy**
Prof. Jamal Mahajna. Head of the department of Nutrition and Natural products - The laboratory of Cancer Drug Discovery Program - Migal- Galilee Research Institute Kiryat Shmona – Israel.
University of Camerino
- 08.06.23 **Seminar: Transcriptomics: leveraging RNA-Seq for functional genomics**
Prof. Ignazio S. Piras. Research Associate Professor, Translational Genomics Research Institute (TGen), Phoenix, AZ, USA.
University of Camerino
- 22.06.2023 **Seminar: Nutrition and longevity**
Prof. Jamal Mahajna. Head of the department of Nutrition and Natural products - The laboratory

- of Cancer Drug Discovery Program - Migal- Galilee Research Institute Kiryat Shmona - Israel
University of Camerino
- 22.06.23 **Seminar: Charting the genetics of Alzheimer's Disease across APOE, Age, Sex and Ancestry.**
Dr. Michael E. Belloy, Ph.D., Instructor of Neurology and Neurological Sciences
Stanford University School of Medicine Stanford, CA, USA
University of Camerino
- 27.09.23 **Seminar series: Implementing Circular Economy Solution For Sustainability: Case Studies**
Organized by the AlgaeBrew Consortium ERANET-SUSFOOD2-FOSC Joint Call 2021
University of Camerino
- 07.11.23 **NuGO webinar: how to find analyse and share data**
Held online by NuGO association
- 15.11.23 **Seminar: Freedom of Research and Legal Protection**
University of Camerino
- 24.11.24 **Seminar: Open Science & Open Innovation**
University of Camerino
- 28.11.23 **Seminar: EU FUNDING: POLICIES & OPPORTUNITIES**
University of Camerino
- 13.12.23 **Seminar: Cancer as a matter of FAT: emerging roles of lipids in Ferroptosis and cancer cell death**
Caterina Bartolacci Ph.D., University of Cincinnati, Division of Hematology and Oncology
University of Camerino
- 09.05.2024 **Seminar: Cell cultured meat: overview of the ecosystem, science, promises, and challenges**
Dr. Franks Kamgang Nzekoue, Ph.D., Research Scientist, Gourmeys, Paris
University of Camerino
- 21.05.24 **Seminar: Sustainable food innovation: Proteins, Carbohydrates and Lipids**
Dr. Luca Serventi, Team Leader of Food Chemistry and Functionality Plant & Food Research Lincoln, New Zealand
University of Camerino
- 28.05.24 **Sustainable Food Innovation: Omega-3 Fatty Acids, Iron and Vitamin B12**
Dr. Luca Serventi, Team Leader of Food Chemistry and Functionality Plant & Food Research Lincoln, New Zealand
University of Camerino
- 13.06.24 **NuGO seminar: How to use Artificial Intelligence in Nutrition Research**
Held online by NuGo organization
- 17.06.24 **Seminar: New trends in sample preparation**
Valentina Fernandes Domingues, REQUIMTE/LAQV, ISEP, Polytechnic of Porto, Portugal
University of Camerino
- 17.06.24 **Biomonitoring of lipophilic endocrine disruptors in women**
Valentina Fernandes Domingues, REQUIMTE/LAQV, ISEP, Polytechnic of Porto, Portugal
University of Camerino

- 17.06.24 **Seminar: Portuguese shrimps: nutritional added value and contaminants evaluation**
Valentina Fernandes Domingues, REQUIMTE/LAQV, ISEP, Polytechnic of Porto, Portugal
University of Camerino
- 24.06.24 **Seminar: The higher utilization of cereals and pseudo-cereals to obtain fortification food**
Prof. Marc (Vlaic) Romina Alina PhD Eng., University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Food Science and Technology, Cluj-Napoca, Romania
University of Camerino
- 24.06.24 **Seminar: Mespilus germanica L. (Medlar) chemical composition, biological activity, its applications (traditional, medicinal, commercial), and the utilization of plant waste**
Prof. Marc (Vlaic) Romina Alina PhD Eng., University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Food Science and Technology, Cluj-Napoca, Romania
University of Camerino
- 26.06.24 **Seminar: The utilization of food waste in fortified food products**
Prof. Marc (Vlaic) Romina Alina PhD Eng., University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Food Science and Technology, Cluj-Napoca, Romania
University of Camerino
- 15.11.24 **NuGO Seminar: Opportunities and challenges with digital health data collection and usage**
NuGo Organization
- 21.11.24 **NuGO Seminar: Precision nutrition applied to female reproductive health**
Held online by NuGo organization
- 05.12.25 **The development of magnetic separation and its application in the detection of foodborne pathogens**
Dr. Juan Du Associate Professor Zhengzhou University of Light Industry
University of Camerino
- 08.01.25 **Effect of Processed Foods on Genome Stability**
Isabel Gaivao Department of Genetics and Biotechnology and CECAV, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal
University of Camerino
- 05.03.25 **Mitochondria: from Parkinson's disease to cancer**
Dr. Elias Adriaenssens (Vienna BioCenter (VBC))
University of Antwerp
- 11.03.25 **Seminar: A novel, radiotherapy actionable immunological mechanism of resistance to CDK4-6 inhibition in breast cancer**
Professor Lorenzo Galluzzi, affiliated with Fox Chase Cancer Center (PA) and Yale University School of Medicine (NY), USA.
University of Antwerp
- 14.04.25 **NuGO ECN Webinar: Analysing and preparing microbiome data for publication**
Held online by NuGo organization

- 18.04.25 **Biomina lunch talk: Understanding and designing cis-regulatory elements using machine learning**
Dr. Jacob Schreiber - Institute of Molecular Pathology (Vienna)
University of Antwerp
- 18.04.25 **Seminar: DNA Methylation Profiling: Biomarkers and Beyond**
Professor Joe Ibrahim - Center of Medical Genetics (University of Antwerp)
University of Antwerp
- 21.04.25 **Biomina Lunch Talk: Decoding life: exploring applications of nanopore sequencing and bioinformatics**
Paco Hulpiau - Bioinformatics Knowledge Center (Howest University of Applied Sciences)
University of Antwerp
- 21.04.25 **Blomina lunch talk: Exploring genotype-phenotype relationships in a federated setup – WiNGS**
Nishkala Sattanathan - Center of Medical Genetics (University of Antwerp)
University of Antwerp
- 01.05.25 **NuGO ECN Webinar: The interplay between dietary and lifestyle factors, omics data, and cardiometabolic diseases**
NuGO association
- 01.05.25 **Seminar: Regulation of HBV/HCV Infection by N6-methyladenosine Modification**
University of Antwerp
- 09.12.25 **Structural Bioinformatics: Data-Driven Discovery**
Dr. Patrizio di Miccio
- 19.01.26 **The importance of the host-microbial crosstalk for intestinal homeostasis**
Dott.ssa Melania Capitani
- 20.01.26 **ICISE-International Centre for Interdisciplinary Science and Education present and future of an international cooperation.**
Prof. TRAN Thanh Son
- 21.01.26 **Advanced Human 3D in vitro Models to Explore the Toxic Effects of Environmental Contaminants and Probiotic Driven Mitigation.**
Christian Giommi
- 21.01.26 **NuGO ECN webinar: Maternal Choline Intake and Maternal and Child Health.**
NuGO
- 25.02.26 **Biochemical basis of muscle atrophy in fibromyalgia: Linking mitochondrial deficits to oxidative damage**
Dr Federica Davi
SIB young (online)
- 25.02.26 **Biochemical alterations in human bed blood cells in the presence of trifolirhizin**
Dr Stefano Puttaggio
SIB young (online)

25.02.26 Acteoside exerts neuroprotective effects by preventing α -synuclein aggregation and oxidative stress in models of Parkinson's disease
Dr Giorgia Spandri
SIB young (online)

26.02.26 *Chare Ricci*