

*Curriculum vitae*  
**STAMPONE EMANUELA**

**📍 ASSOCIATE PROFESSOR OF BIOCHEMISTRY (SSD BIOS-07/A)**

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[https://www.researchgate.net/profile/Emanuela-Stampone-2?ev=hdr\\_xprf](https://www.researchgate.net/profile/Emanuela-Stampone-2?ev=hdr_xprf)

**EDUCATION, TRAINING AND RESEARCH ACTIVITIES**

In 2008, Prof. Emanuela Stampone obtained her Master's Degree in Biology and Biomedical Applications with a final mark of 110/110 cum laude at the University of Parma.

In 2009, she qualified to practise as a Biologist at the University of Parma and has been regularly registered with the Order of Biologists since 2012.

In 2010, she obtained the Master's Degree in Clinical Molecular Biology at the Faculty of Medicine and Surgery of the Catholic University of the Sacred Heart "A. Gemelli" (Rome campus) with the final assessment of Lodevole.

In 2009 (a.y. 2009/2010), she passed the entrance examination and enrolled in the first year of the Specialization School in Clinical Biochemistry (5 years) at the Faculty of Medicine and Surgery of the University "Federico II" of Naples, attending the aggregated campus of the University of Campania "L. Vanvitelli" (Naples) — final mark 50/50 cum laude in 2018.

In 2014, she won a one-year scholarship funded by the Rotary International Foundation, with the participation of the Rotary Club of Foggia (FG), to undertake a training period in the United States as Visiting Researcher at the Boston University School of Medicine (Boston, MA, USA), Functional Genomics Laboratory, Division of Computational Biomedicine.

In 2015, she suspended the final year of the Specialization School after passing the admission exam for the PhD Programme in Biochemical and Biotechnological Sciences – 30th cycle – at the School of Medicine and Surgery of the University of Campania "L. Vanvitelli" (Naples). She obtained her PhD on 18/12/2017 with a thesis entitled "p57Kip2 in cell biology: protein kinase network in the modulation of its phosphorylation pattern", supervised by Prof. Fulvio Della Ragione.

She was re-admitted to the fifth year (a.y. 2017/2018) of the Specialization School in Clinical Biochemistry at the University "Federico II" of Naples, attending the University of Campania "L. Vanvitelli", and obtained the title on 20/12/2018 with a final mark of 50/50 cum laude with a thesis entitled "Diseases due to antibody-transferrin complexes: a form of monoclonal gammopathy of clinical significance", tutor Prof. Fulvio Della Ragione.

From 01/09/2018 to 21/07/2019 she carried out her research activity at Prof. Fulvio Della Ragione's Laboratory, Department of Precision Medicine of the University of Campania "L. Vanvitelli", as

Postdoc Researcher (D.R. n. 594 of 23/07/2018) on the project: “Characterisation of the effects of mutations of the CDKN1C gene identified in Beckwith-Wiedemann and IMAGE syndromes on the metabolism, post-synthetic modifications and function of the p57Kip2 protein” — project funded by AIRC Foundation.

From 22/07/2019 to 21/07/2022 she continued her research activity in the same Laboratory as Fixed-term Researcher type A (RTDA), pursuant to Art. 24, paragraph 3, letter a) of Law 240/2010, full-time commitment, competition sector 05/E1 (General Biochemistry), SSD BIO/10 (Biochemistry, now BIOS/07-A), within the call “AIM – Attraction and International Mobility”, PON Research and Innovation 2014-2020, LINE 1 – Researcher Mobility (PON/AIM Line 1 D.D. n. 407 of 27/02/2018).

From 15/01/2022 to 5/08/2022 she was Visiting Researcher and carried out her research at the Centre de Biologie Intégrative – Cell Cycle and Cancer Group – coordinated by Dr Arnaud Besson, University Toulouse III Paul Sabatier (Toulouse, France).

From 22/07/2022 to 21/07/2024 her RTDA contract (05/E1 SSD BIO/10 now BIOS-07/A) was renewed for a further two years with university funds, continuing her teaching and research activities at the University of Campania “L. Vanvitelli”.

In 2025 she obtained the National Scientific Qualification (ASN) for Associate Professor (II level) in Biochemistry (SSD BIOS-07/A) and won the competition for Associate Professor at Unicamillus University of Rome.

She is currently Associate Professor of Biochemistry (SSD BIOS-07/A) at Unicamillus – Saint Camillus International University of Health Sciences, Rome, Italy.

## RESEARCH TOPICS

1. Identification of post-translational modifications, study of CDK-dependent and CDK-independent functions, pathological significance of p57Kip2 and p27Kip1 mutations found in human diseases.

PI under 40 - funded project entitled “Role of p57Kip2 and its Post-Translational Modifications in Cancer Therapy Resistance” - one year.

2. Analysis of the effects of genetic alterations in key genes involved in hypoxia response in subjects with congenital polycythaemia.
3. Study of pathological mechanisms of a rare form of monoclonal gammopathy characterised by the presence of antibody-transferrin complexes.
4. Development of sensors for the detection of biomarkers from different biological matrices for biomedical applications.
5. Other research lines include:
  - international collaboration with Dr MJ Ruiz-Álvarez, Hospital Universitario Príncipe de Asturias (HUPA), Alcalá de Henares (Madrid, Spain);
  - collaboration with the Pascale Cancer Institute of Naples;
  - collaboration with the Riuniti Hospitals of Foggia, analysing neoplastic progression factors and predictive/prognostic markers of response to monoclonal antibody antitumour therapy.

## NATIONAL AND INTERNATIONAL COLLABORATIONS ON FUNDED PROJECTS

Prof. Stampone has participated/is participating in research group activities involving national collaborations with:

1. Centre for Microcythaemia and Congenital Anaemias, E.O. Ospedali Galliera, Genoa;
2. Rare Red Blood Cell Disorders Unit, AORN “A. Cardarelli”, Naples;
3. Histology and Embryology Laboratory, University Tor Vergata, Rome;
4. Department of Women, Children and General and Specialist Surgery, University “Vanvitelli”, Naples;
5. Multidisciplinary Department of Medical-Surgical and Dental Specialties, University “Vanvitelli”, Naples;
6. Department of Engineering, University “Vanvitelli”;
7. Department of Biology, University of Padua;
8. Pascale Cancer Institute of Naples;
9. Riuniti Hospitals of Foggia.

Participation in international collaborations:

10. As reported in the **publication on the prestigious NEJM** within the project “*Molecular mechanisms of oxygen pressure response: their relevance in intermediary metabolism, cell phenotype and human diseases (MOXPRES)*”, in collaboration with the University of Cambridge (UK), King’s College London (UK), University of Oxford (UK), and the University of Pennsylvania (USA).
11. As reported in the publication with Hospital Universitario Príncipe de Asturias (HUPA), Alcalá de Henares, Madrid, Spain.
12. Collaboration with the Centre de Biologie Intégrative – University Toulouse III Paul Sabatier (Toulouse, France), Cell Cycle & Cancer Team – Molecular, Cellular & Developmental Biology Unit.
13. Collaboration with the Boston University School of Medicine (Boston, MA, USA), Functional Genomics Laboratory, Division of Computational Biomedicine.

## TEACHING ACTIVITIES 2025/2026

Classroom teaching as listed on the Unicamillus webpage <https://unicamillus.org/en/teaching-staff/>

## PAST TEACHING ACTIVITIES (2019-2025)

### University teaching (classroom activities):

1. a.y. 2019/2020-2020/2021  
Biochemistry Teaching, Master’s Degree Course in Medicine and Surgery / University of Campania “L. Vanvitelli”, Caserta.
2. a.y. 2021/2022-2022/2023-2023/2024  
Teaching of Biochemistry (Channels A+B), Master’s Degree Course in Medicine and Surgery / University of Campania “L. Vanvitelli”, Caserta.

3. a.y.2023/2024  
Teaching of AFP Biochemistry (Channels A+B), Master's Degree Course in Medicine and Surgery / University of Campania "L. Vanvitelli", Caserta.
4. a.y. 2021/2022-2022/2023- 2023/2024  
Teaching of Biochemistry in the Integrated Course Foundations of Physiology, Pathology and Biochemistry (renamed in 2023/2024 as Biological and Pathophysiological Foundations of the Body) for the Degree Course in Medical Radiology Techniques (Radiographer qualification), Avellino campus, University of Campania "L. Vanvitelli".  
For a.y. 2021/2022–2022/2023: Chair of the Examination Board.
5. a.y. 2023/2024  
Teaching of Biochemistry in the I.C. of Biomedical Sciences, Degree Course in Nursing (English-language programme, qualifying for professional nurse), University "Vanvitelli", Naples.
6. a.y. 2023/2024  
Teaching of Biochemistry in the I.C. of Physics, Biochemistry and Statistics, Degree Course in Physiotherapy (physiotherapist qualification), University "Vanvitelli", Sant'Angelo dei Lombardi (Avellino).  
Chair of the Examination Board.
7. a.y. 2023/2024  
Teaching of Food Sciences in the I.C. *Dental Hygiene Sciences 2*, Degree Course in Dental Hygiene (dental hygienist qualification), SSD MED/49, University "Vanvitelli", Naples.
8. a.y. 2023/2024  
Teaching of Applied Technical and Dietary Sciences in the I.C. *Maternal–Infant Nursing*, Degree Course in Paediatric Nursing (paediatric nurse qualification), SSD MED/49, University "Vanvitelli", Naples.

#### **PhD teaching:**

1. PhD teaching assignment (SSD BIOS-07/A, ex BIO/10) titled "*The metabolic reprogramming in cancer: main features and therapeutic implications*" with final exam, for the PhD Programme in Biochemical and Biotechnological Sciences – cycles XXXVII, XXXVIII and XXXIX – Doctoral School in Life Sciences, Department of Precision Medicine, University "Vanvitelli".
2. Teaching assignment (SSD BIOS-07/A) "The biochemistry of the Oxygen-Sensing Pathway and its implications in human physiology and pathology" (10 hours total), a.y. 2024/2025, PhD Programme in Biochemical and Biotechnological Sciences – cycles XXXVIII, XXXIX and XL, Doctoral School in Life Sciences, University "Vanvitelli".
3. Teaching assignment "*Point-of-care Tests via Optical Biosensors for Medicine*" (3 ECTS BIOS-07/A + 3 ECTS IBIO-01/A), a.y. 2024/2025, within the teaching programme of the PhD in Industrial and Information Engineering (XL cycle), Department of Engineering, University "Vanvitelli".

#### **Erasmus+ Teaching Mobility:**

Within the Erasmus+ EU Lecturer Mobility Programme a.y. 2020/2021, Prof. Stampone was awarded the grant for teaching mobility abroad (SSD BIO/10, now BIOS-07/A).

### Teaching collaboration with Secondary Schools

Within the three-year Agreement between the University “Vanvitelli” (School of Medicine and Surgery, Caserta campus) and the Liceo Classico “Federico Quercia” (Marcianise, CE) for the “Progetto Ippocrate”, Prof. Stampone was appointed Expert Lecturer in Biochemistry by Rector Prof. G. Nicoletti (prot. 0014347 of 02/12/23).

She carried out two annual editions of the project, including interactive lessons and laboratory sessions at University facilities, also reported in local media. (<https://www.marcianise.info/?s=Emanuela+Stampone>).

### Elective Teaching Activities (ADE):

1. -a.y. 2020/2021

ADE “Enzymes: Catalysis and Kinetics”

Lecturers: Proff. Balestrieri (Coordinator) – Stampone E.

Degree Course in Medicine & Surgery in English, University “Vanvitelli”.

Prof. Stampone taught the full course.

([https://www.medicinadiprecisione.unicampania.it/images/didattica/medicina\\_inglese/ADE/ADE\\_MARIA\\_LUISA\\_BALESTRIERI\\_I\\_YEAR\\_2.pdf](https://www.medicinadiprecisione.unicampania.it/images/didattica/medicina_inglese/ADE/ADE_MARIA_LUISA_BALESTRIERI_I_YEAR_2.pdf))

2. -a.y. 2020/2021-2021/2022-2022/2023-2023/2024-2024/2025

ADE “*The Oxygen-sensing system and its implication in human physiology and pathology*”

Lecturers: Prof. A. Borriello (Coordinator), E. Stampone, D. Bencivenga.

Degree Course in Medicine & Surgery in English, University “Vanvitelli”.

Prof. Stampone taught two of the four course lectures.

(<https://www.medicinadiprecisione.unicampania.it/didattica/corsi-di-studio/corso-di-laurea-magistrale-a-ciclo-unico-in-medicina-e-chirurgia-in-lingua-inglese-medicine-and-surgery-in-english/elective-didattiv-activities>)

### Non-classroom teaching and Mentoring:

1. Tutoring activities in Biochemistry for undergraduate Biology students, Medicine and Surgery students and graduates, and all the programmes taught by Prof. Stampone at the University “Vanvitelli” (2019–2024).
2. Subject Expert (Cultore della Materia) in Biochemistry – Degree Course in Medicine and Surgery, Caserta campus (a.y. 2018/2019–2019/2020–2020/2021).
3. Co-tutor and laboratory tutor for Italian and international PhD students (authors of publications: Luisa Dassi, Sara Sarnelli, Marilena Di Finizio, Clementina Barone, Angela Vastante, Barahmeh Myassar, Arianna Aulitto, Maria Chiara Capellupo, Waqar Ali, Federica Verace; others: Daniela Parente, Jahanzaib Azhar) and Master’s students in Biological Sciences (thesis students: Clementina Barone, Fabiana Uomo, Nicolina Diana, Ludovica Di Leo).
4. Co-supervisor of Master’s Degree theses in Medicine and Surgery, Università degli Studi della Campania “Luigi Vanvitelli”, Caserta.
5. Member of the Degree Examination Board in Medicine and Surgery, Università degli Studi della Campania “Luigi Vanvitelli”, Caserta.
6. Member of the Examination Board for former PhD candidates in Biochemical and Biotechnological Sciences, University “Vanvitelli”.

### **Continuing Medical Education (CME):**

1. Lecturer in Biochemistry and Molecular Biology during the practical session of the theoretical-practical Course “*Transplantation between risks and opportunities...*” (serological viral antibody testing, Western Blot confirmation, molecular tests for qualitative/quantitative DNA/RNA detection and genotyping, ELISPOT immunological test, interpretation of results).  
CME training, Department of Clinical Pathology, Riuniti Hospitals of Foggia, 09/11/2010–11/11/2010.

### **EDUCATIONAL COUNSELING AND THIRD MISSION ACTIVITIES (2019–2025)**

Alongside orientation activities for the School of Medicine and Surgery, University “Vanvitelli”, Prof. Stampone won the selection call for “**Expert Orientation Tutor for school-to-university transition**” for a.y. 2023/2024, within the project “V:erso una scelta consapevole ...”, ranking ex-aequo among the top three candidates for the Medicine, Surgery, Dentistry disciplinary area. She again won the selection for a.y. 2024/2025.

She participated in the XXXVII Edition of Futuro Remoto – INTELLIGENZE with the proposal “The Intelligent Cell” as project leader (24–26 November 2023, Città della Scienza – Naples).

She also gave an oral presentation in the proposal led by Prof. Borriello titled “THE FUTURE OF MEDICINE IS NOW. Biotechnologies and Nanotechnologies for real-time diagnosis at the patient’s point of care (Point-of-Care Test)” held on 23 November 2023.

### **EDITORIAL ACTIVITIES**

- Member of the Editorial Board of *Journal of Chromatography Analytical & Separation Techniques* since 2022. Director and Editor-in-Chief: Dr Suryakiran Navath.
- Review Editor in the Editorial Board of *Cancer Endocrinology*, specialty section of *Frontiers in Endocrinology* and *Frontiers in Oncology*, since 05/04/2023.
- Reviewer for several scientific journals, with acknowledgements received.
- Guest Editor for *IJMS* Special Issue “*Cell Cycle-Related Proteins: Biochemical Regulative/Deregulative Mechanisms*” (01/01/2024 – 20/04/2025).
- Guest Editor for the *Cells* Special Issue “*CDKs and CDK-Interacting Proteins/Kinase-Inhibitory Proteins in Human Health and Disease*” (01/01/2024 – 31/12/2024).
- Member of the Topic Advisory Panel for *IJMS* – Biochemistry Section, *Cells* and *Chemosensors* (since 2022).  
([https://www.mdpi.com/journal/ijms/topical\\_advisory\\_panel?search=emanuela+stampone](https://www.mdpi.com/journal/ijms/topical_advisory_panel?search=emanuela+stampone)),  
([https://www.mdpi.com/journal/cells/topical\\_advisory\\_panel?search=emanuela+stampone](https://www.mdpi.com/journal/cells/topical_advisory_panel?search=emanuela+stampone))  
([https://www.mdpi.com/journal/chemosensors/topical\\_advisory\\_panel/%28Bio%29chemical\\_Sensing](https://www.mdpi.com/journal/chemosensors/topical_advisory_panel/%28Bio%29chemical_Sensing)).

## LIST OF PUBLICATIONS

Prof. Stampone is the author of numerous publications, including one in the prestigious **New England Journal of Medicine (Impact Factor 96.2)**, listed below.

Scopus ID Emanuela Stampone: 56150136300

<https://www.scopus.com/authid/detail.uri?authorId=56150136300>

1. Forni GL<sup>1</sup>, **Stampone E**<sup>1\*</sup>, Pinto VM, Silvestri L, Bencivenga D, Sarnelli S, Di Finizio M, Ricchi P, Quintino S, Salvadori U, Girelli D, Della Ragione F, and Borriello A. “Iron Overload and Anemia in Transferrin Immune Complex Disease, an overlooked monoclonal gammopathy of clinical significance” (Nov 2025, Accepted by American Journal of Hematology)
2. Marco Annunziata<sup>1</sup>, Francesco Arcadio<sup>1</sup>, **Emanuela Stampone**<sup>1</sup>, Debora Bencivenga, Gennaro Cecoro, Chiara Marzano, Angelantonio Piccirillo, Fulvio Della Ragione, Nunzio Cennamo, Luigi Zeni, Adriana Borriello, Luigi Guida (2025). Plasmonic Optical Fibre–Based Point-of-Care Test for Periodontal MIP-1 $\alpha$  Detection: A Validation Study of a Multiplexed Biosensor Prototype. INTERNATIONAL DENTAL JOURNAL, Volume 75, Issue 4, 2025, 100830, ISSN 0020-6539, <https://doi.org/10.1016/j.identj.2025.04.010>. Pubblicata on line sulla rivista INTERNATIONAL DENTAL JOURNAL il 2/06/2025.
3. Bencivenga Debora<sup>1</sup>, **Stampone, Emanuela**<sup>1</sup>, Azhar Jahanzaib, Parente Daniela, Ali Waqar, Del Vecchio Vitale, Della Ragione Fulvio, Borriello Adriana (2025). p27Kip1 and Tumors: Characterization of CDKN1B Variants Identified in MEN4 and Breast Cancer. CELLS, vol. 14, ISSN: 2073-4409, doi:10.3390/cells140301882
4. **Emanuela Stampone**<sup>1\*</sup>, Debora Bencivenga, Luisa Dassi, Sara Sarnelli, Luisa Campagnolo, Valentina Lacconi, Fulvio Della Ragione, Adriana Borriello (2024). p57Kip2 Phosphorylation Modulates Its Localization, Stability, and Interactions. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, ISSN: 1422-0067, doi: 10.3390/ijms2520111763
5. Lanzaro Francesca, De Biasio Delia, Cesaro Francesco Giustino, **Stampone Emanuela**, Tartaglione, Immacolata, Casale Maddalena, Bencivenga Debora, Marzuillo Pierluigi, Roberti Domenico (2024). Childhood Multiple Endocrine Neoplasia (MEN) Syndromes: Genetics, Clinical Heterogeneity and Modifying Genes. JOURNAL OF CLINICAL MEDICINE, vol. 13, ISSN: 2077-0383, doi:10.3390/jcm131855104
6. Arcadio F., Waqar A. L. I., Bencivenga D., Prete D. D. E. L., Marzano C., Saitta L., **Stampone E.**, Cennamo R., Carafa V., Altucci L., Zeni L., Cicala G., Cennamo N. (2024). 3D-printed biosensors in biomedical applications exploiting plasmonic phenomena and antibody self-assembled monolayers. BIOMEDICAL OPTICS EXPRESS, vol. 15, p. 1976-1994, ISSN: 2156-7085, doi:10.1364/BOE.5165655
7. Cennamo N., Bencivenga D., Annunziata M., Arcadio F., **Stampone E.**, Piccirillo A., Della Ragione F., Zeni L., Guida L., Borriello A. (2024). Plasmon resonance biosensor for interleukin-1 $\beta$  point-of-care determination: A tool for early periodontitis diagnosis. ISCIENCE, vol. 27, ISSN: 2589-0042, doi:10.1016/j.isci.2023.1087416
8. Annunziata M., Arcadio F., Borriello A., Bencivenga D., Piccirillo A., **Stampone E.**, Zeni L., Cennamo N., Della Ragione F., Guida L. (2023). A novel plasmonic optical-fiber-based point-of-care test for periodontal MIP-1 $\alpha$  detection. ISCIENCE, vol. 26, ISSN: 2589-0042, doi: 10.1016/j.isci.2023.108539
9. **Stampone, Emanuela**<sup>1</sup>, Bencivenga Debora, Capellupo Maria Chiara, Roberti Domenico, Tartaglione Immacolata, Perrotta Silverio, Della Ragione Fulvio, Borriello Adriana (2023). Genome editing and cancer therapy: handling the hypoxia-responsive pathway as a promising strategy. CELLULAR AND MOLECULAR LIFE SCIENCES, vol. 80, ISSN: 1420-9071, doi: 10.1007/s00018-023-04852-2

10. Ruiz-Álvarez M. J.<sup>1</sup>, **Stampone, Emanuela**<sup>1</sup>, Verduras Yaiza Fernández<sup>1</sup>, Gallo Giovanni, González Marta Barrionuevo, Cubillo Belén Beteré, Bencivenga Debora, Della Ragione Fulvio, Borriello Adriana (2023). Hypocalcemia: A key biomarker in hospitalized COVID-19 patients. *BIOMEDICAL JOURNAL*, ISSN: 2319-4170, doi: 10.1016/j.bj.2022.08.005
11. Bencivenga Debora<sup>1</sup>, **Stampone Emanuela**<sup>1</sup>, Vastante Angela, Barahmeh Myassar, Della Ragione Fulvio, Borriello Adriana (2022). An Unanticipated Modulation of Cyclin-Dependent Kinase Inhibitors: The Role of Long NonCoding RNAs. *CELLS*, vol. 11, ISSN: 2073-4409, doi: 10.3390/cells11081346
12. Cecoro Gennaro, Bencivenga Debora, Annunziata Marco, Cennamo Nunzio, Della Ragione Fulvio, Formisano Alessandro, Piccirillo Angelantonio, **Stampone Emanuela**, Volpe Pio Antonio, Zeni Luigi, Borriello Adriana, Guida Luigi (2022). Effects of Magnetic Stimulation on Dental Implant Osseointegration: A Scoping Review. *APPLIED SCIENCES*, vol. 12, ISSN:2076-3417, doi: 10.3390/app12094496
13. Debora Bencivenga<sup>1</sup>, **Emanuela Stampone**<sup>1</sup>, Domenico Roberti, Fulvio Della Ragione, Adriana Borriello (2021). p27Kip1, an Intrinsically Unstructured Protein with Scaffold Properties. *CELLS*, vol. 10, ISSN: 2073-4409, doi: 10.3390/cells10092254
14. **Stampone E.**<sup>1</sup>, Bencivenga D., Barone C., Di Finizio M., Ragione F. D., Borriello A. (2021). A Beckwith–Wiedemann-associated CDKN1C mutation allows the identification of a novel nuclear localization signal in human p57Kip2. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, vol. 22, ISSN: 1661-6596, doi: 10.3390/ijms22147428
15. Bencivenga Debora<sup>1</sup>, **Stampone Emanuela**<sup>1</sup>, Aulitto Arianna, Tramontano Annunziata, Barone Clementina, Negri Aide, Roberti Domenico, Perrotta Silverio, Della Ragione Fulvio, Borriello Adriana (2021). A cancer-associated CDKN1B mutation induces p27 phosphorylation on a novel residue: a new mechanism for tumor suppressor loss-of-function. *MOLECULAR ONCOLOGY*, vol. 15, p. 915-941, ISSN: 1574-7891, doi: 10.1002/1878-0261.12881
16. Russo G. L., **Stampone E.**, Cervellera C., Borriello A. (2020). Regulation of p27kip1 and p57kip2 functions by natural polyphenols. *BIOMOLECULES*, vol. 10, p. 1-31, ISSN: 2218-273X, doi: 10.3390/biom10091316
17. Perrotta S., Roberti D., Bencivenga D., Corsetto P., O'Brien K. A., Caiazza M., **Stampone E.**, Allison L., Fleck R. A., Scianguetta S., Tartaglione I., Robbins P. A., Casale M., West J. A., Franzini-Armstrong C., Griffin J. L., Rizzo A. M., Sinisi A. A., Murray A. J., Borriello A., Formenti F., Della Ragione F (2020). Effects of germline VHL deficiency on growth, metabolism, and mitochondria. *THE NEW ENGLAND JOURNAL OF MEDICINE*, vol. 382, p. 835-844, ISSN: 0028-4793, doi: 10.1056/NEJMoa1907362 **IF 96,2**
18. **Stampone Emanuela**<sup>1</sup>, Bencivenga Debora, Barone Clementina, Aulitto Arianna, Verace Federica, Della Ragione Fulvio, Borriello Adriana (2020). High Dosage Lithium Treatment Induces DNA Damage and p57Kip2 Decrease. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, vol. 21, ISSN: 1422-0067, doi: 10.3390/ijms21031169
19. **Stampone Emanuela**<sup>1</sup>, Ilaria Caldarelli, Alberto Zullo, Debora Bencivenga, Francesco Paolo Mancini, Fulvio Della Ragione, Adriana Borriello (2018). Genetic and Epigenetic Control of CDKN1C Expression: Importance in Cell Commitment and Differentiation, Tissue Homeostasis and Human Diseases.. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, vol. 19, ISSN: 1422-0067, doi: 10.3390/ijms19041055
20. Bencivenga Debora, Caldarelli Ilaria, **Stampone Emanuela**, Mancini Francesco Paolo, Balestrieri Maria Luisa, Della Ragione Fulvio, Borriello Adriana (2017). p27Kip1 and human cancers: A reappraisal of a still enigmatic protein. *CANCER LETTERS*, vol. 403, p. 354-365, ISSN: 0304-3835, doi: 10.1016/j.canlet.2017.06.031
21. Borriello Adriana, Caldarelli Ilaria, Bencivenga Debora, **Stampone Emanuela**, Perrotta Silverio, Oliva Adriana, Della Ragione Fulvio (2017). Tyrosine kinase inhibitors and mesenchymal stromal cells: effects on self-renewal, commitment and functions. *ONCOTARGET*, vol. 8, p. 5540-5565, ISSN: 1949-2553, doi: 10.18632/oncotarget.12649
22. Borriello Adriana, Caldarelli Ilaria, Speranza Maria Carmela, Scianguetta Saverio, Tramontano Annunziata, Bencivenga Debora, **Stampone Emanuela**, Negri Aide, Nobili Bruno, Locatelli Franco,

- Perrotta Silverio, Oliva Adriana, Della Ragione Fulvio (2016). Iron overload enhances human mesenchymal stromal cell growth and hampers matrix calcification. *BIOCHIMICA ET BIOPHYSICAACTA-GENERAL SUBJECTS*, vol. 1860, p. 1211-1223, ISSN: 0304-4165, doi: 10.1016/j.bbagen.2016.01.025
23. Adriana Borriello, Silvio Naviglio, Debora Bencivenga, Ilaria Caldarelli, Annunziata Tramontano, Maria Carmela Speranza, Emanuela Stampone, Luigi Sapio, Aide Negri, Adriana Oliva, Antonio A. Sinisi, Annamaria Spina, Fulvio Della Ragione (2016). Histone deacetylase inhibitors increase p27Kip1 by affecting its ubiquitin-dependent degradation through Skp2 down-regulation. *OXIDATIVE MEDICINE AND CELLULAR LONGEVITY*, vol. 2016, ISSN: 1942-0994, doi: 10.1155/2016/2481865.
24. Natalicchio MI, Improta G, Zupa A, Cursio OE, Stampone E, Possidente L, Teresa Gerardi AM, Vita G, Martini M, Cassano A, Piccoli C, Romito S, Aieta M, Antonetti R, Barone C, Landriscina M. Pyrosequencing evaluation of low-frequency KRAS mutant alleles for EGF receptor therapy selection in metastatic colorectal carcinoma. *FUTURE ONCOL.* 2014 Apr;10(5):713-23. doi: 10.2217/fon.13.233. PMID: 24799053.

<sup>1</sup> Primo o co-primo autore

\* Corresponding o Co-corresponding

## ORGANIZZAZIONE E COMUNICAZIONI A CONGRESSI - PREMI

Prof. E. Stampone is a member of the Italian Society of Biochemistry and Molecular Biology (SIB) since 2017. From 2019 to 2023, she served as elected young member of the organizational committee of the SIB Campania section.

Among other SIB activities, Prof. Stampone was a member of the organising and scientific committee, as well as moderator of the session “*Biochemistry of Tumours*” at the SIB Campania Section Meeting 2022 held in Naples on 26 October 2022. She was also a member of the Flash Presentation Award Committee and a member of the Poster Award Committee. The event was publicised in the newspaper *Atena Napoli* (issue 16, p. 23, 2022). In addition, she participated in the congress as author and co-author of abstracts entitled:

- “*Transferrin-immune complex disease: new insights into an underestimated pathological condition related to iron metabolism*”;
- “*New insights into p27Kip1 activities on cytoskeletal dynamics*”.

Prof. Emanuela Stampone has participated as Speaker/Invited Speaker at several National and International Meetings and has been co-author of scientific abstracts and posters:

1. International virtual congress “*The 5th International Electronic Conference on Applied Sciences*” 4-6 December 2024 (ASEC 2024)  
**Oral presentation entitled “Measurement of Hepcidin-25 in human serum: development of an intrinsic SPR-based biosensor combining biochemistry and engineering”;**  
[https://sciforum.net/event/ASEC2024?subscribe&section=#Program\\_DAY2](https://sciforum.net/event/ASEC2024?subscribe&section=#Program_DAY2).
2. 61° National Meeting of the Italian Society of Biochemistry and Molecular Biology virtual edition 23-24 September 2021.  
Abstract and oral presentation entitled “**The analysis of CDKN1C/p57Kip2 mutations reported in human diseases allows the identification of a novel nuclear localization signal in the human protein**”.
3. 60° National Meeting of the Italian Society of Biochemistry and Molecular Biology; 18-20 September 2019 Lecce, Italy.

Abstract and oral presentation entitled “**Post-translational modifications of the cell growth modulator p57<sup>Kip2</sup> and human cancers**”

4. 59° National Meeting of the Italian Society of Biochemistry and Molecular Biology; 20-22 September 2017 Caserta, Italy.

Abstract and **oral presentation** entitled “**p57<sup>KIP2</sup> IN CELL BIOLOGY: PROTEIN KINASE NETWORK IN THE MODULATION OF ITS PHOSPHORYLATION PATTERN**”

Abstract entitled “**p57<sup>KIP2</sup> PHOSPHORYLATION MODULATES ITS INTERACTION WITH CYCLIN-DEPENDENT KINASES**”

Abstract entitled “**CDKN1B gene alterations and human cancers: mechanistic investigations on G9R missense**”

5. 29a Riunione Nazionale "A. Castellani" dei Dottorandi di Ricerca in Discipline Biochimiche; 5-9 June 2017 Brallo di Pregola (Pavia), Italy.

Abstract, poster and **oral presentation** entitled “**p57<sup>kip2</sup> in cell biology: focus on its post-translational modifications**” il 6 June 2017;

Moderatrice della prima sessione del 7 Giugno 2017.

6. **Oral presentation** at the congress “The biologist among the health professions. The establishing law in the regulatory framework of the biologist profession” held in Naples at the University “Federico II” of Naples on 02/04/2012;
7. **Oral presentation** at the congress “Colorectal cancer, proliferative signal transduction pathways” entitled Clinical Cases, held at the Riuniti Hospitals of Foggia on 07/10/2010.

Furthermore, Prof. Stampone was co-author of additional posters presented:

- at the SINU congress, 30/11/2016 and 1–2/12/2016, Bologna (Italy). Poster presented: “Borriello A, Caldarelli I, Speranza MC, Bencivenga D, Stampone E, Oliva A, Della Ragione F. *Effects of iron overload on the proliferation of human mesenchymal stem cells and on the mineralisation process*”.
- at the Bioprosys 2023 congress held in Naples on 18–19 May 2023 (<https://bleassociates.it/eventi/bioprosys-joint-meeting-291.html>) with an abstract and poster entitled “*p57Kip2 and Cancer Therapy Response*” as first author, and an abstract and poster entitled “*A new p53 phase separation for replicative stress attenuation*” as co-author.
- at the 4th International Electronic Conference on Applied Sciences (ASEC 2023) for the section “*Applied Biosciences and Bioengineering*”, with an abstract entitled “*A novel surface plasmon resonance-based optical biosensor for point-of-care detection of periodontal biomarkers*” (<https://asec2023.sciforum.net/>).
- at the 62nd European Society for Paediatric Endocrinology (ESPE 2024) held in Liverpool, UK, from 16 to 18 November 2024, with an abstract entitled “*Central precocious puberty and MKRN3 variants: new insights into the protein RING finger structure, and on protein ubiquitination and localization*”, authors: D. Bencivenga<sup>1</sup>, E. Stampone<sup>1</sup>, S. Palumbo, A. Hafiz Ali, G. Cirillo, F. Aiello, E. Miraglia del Giudice, A. Borriello & A. Grandone.

Awarded posters:

1. Co-author of the poster awarded as Best Poster at the 5th International Congress “Technological innovations and experimental protocols in periodontology, oral surgery and orthognathodontics. Use of Growth Factors, clinical updates and perspectives” – Bari 2023.

Poster title: “Development of a surface plasmon resonance-based optical biosensor for point-of-care detection of salivary MIP-1 $\alpha$  for the diagnosis of periodontitis”.

2. Co-author of the poster awarded as Best Poster at the 6th International Congress “Technological innovations and experimental protocols in periodontology, oral surgery and orthognathodontics. Use of Growth Factors, clinical updates and perspectives” – Bari 2024. Poster title: “Development of a surface plasmon resonance-based optical biosensor for point-of-care detection of salivary MMP-8 for the diagnosis of periodontitis”.

La sottoscritta Emanuela Stampone dichiara che quanto riportato nel presente cv corrisponde a verità. Autorizzo il trattamento dei miei dati personali contenuti nel curriculum vitae ai sensi del D.Lgs. 196/2003 e del Regolamento UE 2016/679 (GDPR).

Rome, 03/11/2025