

Anexa 4

CV + track record template

**CURRICULUM
VITAE****Personal information**

Name, Surname:	ALEXANDRA RIPSZKY
Researcher unique identifier(s) (ORCID, Researcher ID etc.):	ORCID ID orcid.org/ 0000-0002-4345-282X Web of Science ResearcherID: AAY-6135-2021
URL for personal website (if case):	

Education

Year	Faculty/department - University/institution - Country
1992-1997	Bachelor studies - Faculty of Biochemistry University of Bucharest; Bucharest, Romania
1998	Master Molecular biology- University of Bucharest , Bucharest, Romania
2011	PhD Doctor of Medicine - COMPLIANCE : MEN order no. 6460/ 7.12.2011 "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
2019	Certificate of habilitabilization "Carol Davila" University of Medicine and Pharmacy of Bucharest, Field of doctoral studies - Dental Medicine: MEN no. 5594/16.12.2019

Positions - current and previous*(Academic sector/research institutes/industrial sector/public sector/other)*

Year	Job title – Employer - Country
10/2022-present	Head of Discipline Biochemistry - Faculty of Dentistry, "Carol Davila" University of Medicine and Pharmacy, Bucharest
01/2022 prezent	-Coordinator of the Interdisciplinary Research and Development Center in Dentistry, , "Carol Davila" University of Medicine and Pharmacy, Bucharest
03/2020 Prezent	-Habilitation Professor – Discipline Biochemistry - Faculty of Dentistry, "Carol Davila" University of Medicine and Pharmacy, Bucharest
02/2016 10/2020	-Associated professor, Biochemistry Discipline, Faculty of Dentistry, "Carol Davila" University of Medicine and Pharmacy, Bucharest
09/2007 02/2016	-Lecturer - Biochemistry Discipline, Faculty of Dentistry, "Carol Davila" University of Medicine and Pharmacy, Bucharest

09/2000 – 09/2007	– Teaching Assistant Biochemistry, Faculty of Dentistry, "Carol Davila" University of Medicine and Pharmacy, Bucharest
1999 – 2000	Researcher Institute of Biochemistry of the Romanian Academy, Bucharest
2001- present	Medical analysis laboratory administrator

Project management experience

(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)

Year	Project title - Role - Funder - Budget - link to project webpage
2015-2016	- Collaboration project with SC BIOSYSTEMS SRL, 2015 – 2016. Project Manager.
2015-2016	-International Project Romania – Italy: “Bromelaine detection in Blood, Serum and Nasal Mucosa of patients with chronic Rhinosinusitis”, 2015 – 2016. Project Manager

Other relevant professional experiences

(e.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees and major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
yyyy	EXTERNAL COLLABORATION IN SCIENTIFIC RESEARCH: - collaboration with Università Politecnica delle Marche, Ancona, Italy - member REVIEWER BOARD International Journal of Molecular Sciences (ISI, IF 5.923) - Laboratory for Oral Molecular Biology, Department of Orthodontics and Dentofacial Orthopedics, University of Bern, Bern, Switzerland - visiting professor - Spanish National Cancer Research Centre, Madrid, Spain – visiting professor - Department Section of Biochemistry and Molecular Biology, Complutense University of Madrid, Spain - visiting professor - Guest editor - Materials (ISI, IF 3.057) Member of the Commission within the OBBCSSR - Bucharest - President of the specialist and principal biochemist exam commission; 2023 - PhD supervisor since 2019; UMF CAROL DAVILA, Bucharest - Member of the specialist and principal biochemist exam commissions; 2018-2022 Member of the Commission for the development of chemistry subjects for the admission exam at the Faculty of Dentistry, UMF CAROL DAVILA Bucharest; 2012-2022 - Member of primary and secondary examination committees in laboratory medicine Responsible for quality management in the medical analysis laboratory (Completion of RoEQALM course Quality assurance of examinations carried out in laboratory medicine in accordance with SR EN ISO 15189/2013 – 25-27.10 and CALILAB course Standard ISO 15189:2013 – 22-23.11.2014); 09/2008 – present - Member of the RENAR Accreditation Council – May/2022 - present International Association of Dental Research (IADR) Salivary Research - Association of Basic Science Teachers in Dentistry (ABSTD)

Track record of the last 10 years

A list of the ten most important scientific outputs (publications, patents, technologies etc).

1. Ciocan LT, Vasilescu VG, Pantea M, Pițuru SM, Imre M, Ripszky Totan A, Froimovici FO. The Evaluation of the Trueness of Dental Mastercasts Obtained through Different 3D Printing Technologies. *J Funct Biomater*. 2024 Jul 29;15(8):210. doi: 10.3390/jfb15080210. PMID: 39194648; PMCID: PMC11355515.
2. Saramet, V.; Stan, M.S.; Ripszky Totan, A.; Țâncu, A.M.C.; Voicu-Balasea, B.; Enasescu, D.S.; Rus-Hrincu, F.; Imre, M. Analysis of Gingival Fibroblasts Behaviour in the Presence of 3D-Printed versus Milled Methacrylate-Based Dental Resins—Do We Have a Winner? *J. Funct. Biomater*. **2024**, *15*, 147. <https://doi.org/10.3390/jfb15060147>
3. Cernega A, Nicolescu DN, Meleşcanu Imre M, Ripszky Totan A, Arsene AL, Șerban RS, Perpelea AC, Nedea MI, Pițuru SM. Volatility, Uncertainty, Complexity, and Ambiguity (VUCA) in Healthcare. *Healthcare (Basel)*. 2024 Apr 2;12(7):773. doi: 10.3390/healthcare12070773. PMID: 38610195; PMCID: PMC11011466.
4. Ripszky Totan A, Greabu M, Stanescu-Spinu II, Imre M, Spinu TC, Miricescu D, Ilinca R, Coculescu EC, Badoiu SC, Coculescu BI, Albu C. The Yin and Yang dualistic features of autophagy in thermal burn wound healing. *Int J Immunopathol Pharmacol*. 2022 Jan-Dec;36:3946320221125090. doi: 10.1177/03946320221125090. PMID: 36121435; PMCID: PMC9490459.
5. Ripszky Totan A, Imre MM, Parvu S, Meghea D, Radulescu R, Enasescu DSA, Moisa MR, Pituru SM. Autophagy Plays Multiple Roles in the Soft-Tissue Healing and Osseointegration in Dental Implant Surgery-A Narrative Review. *Materials (Basel)*. 2022 Sep 1;15(17):6041. doi: 10.3390/ma15176041. PMID: 36079421; PMCID: PMC9457242.
6. Ionescu RN, Totan AR, Imre MM, Țâncu AMC, Pantea M, Butucescu M, Farcașiu AT. Prosthetic Materials Used for Implant-Supported Restorations and Their Biochemical Oral Interactions: A Narrative Review. *Materials (Basel)*. 2022 Jan 28;15(3):1016. doi: 10.3390/ma15031016. PMID: 35160962; PMCID: PMC8839238.
7. Pantea M, Totan AR, Imre M, Petre AE, Țâncu AMC, Tudos C, Farcașiu AT, Butucescu M, Spînu TC. Biochemical Interaction between Materials Used for Interim Prosthetic Restorations and Saliva. *Materials (Basel)*. 2021 Dec 29;15(1):226. doi: 10.3390/ma15010226. PMID: 35009373; PMCID: PMC8746092.
8. Kritikou, K.; Imre, M.; Tanase, M.; Vinereanu, A.; Totan, A.R.; Spinu, T.-C.; Ilinca, R.; Miricescu, D.; Stanescu-Spinu, I.-I.; Greabu, M. Biochemical Mapping of the Inflamed Human Dental Pulp. *Appl. Sci.* **2021**, *11*, 10395. <https://doi.org/10.3390/app112110395>
9. Radulescu R, Totan AR, Imre MM, Miricescu D, Didilescu A, Greabu M. Mediators of extracellular matrix degradation and inflammation: A new team of possible biomarkers for oral squamous cell carcinoma stage. *Exp Ther Med*. 2021 Aug;22(2):877. doi: 10.3892/etm.2021.10309. Epub 2021 Jun 15. PMID: 34194555; PMCID: PMC8237384.
10. Enășescu, D.A.; Moisesescu, M.G.; Imre, M.; Greabu, M.; Ripszky Totan, A.; Stanescu-Spinu, I.; Burcea, M.; Albu, C.; Miricescu, D. Lutein Treatment Effects on the Redox Status and Metalloproteinase-9 (MMP-9) in Oral Cancer Squamous Cells—Are There Therapeutical Hopes? *Materials* **2021**, *14*, 2968. <https://doi.org/10.3390/ma14112968>

Narrative CV

A narrative summarizing which work has had the greatest importance and impact.

- specialized courses and books
- books/chapters - national publishers - 10 and international publishers - 2
- scientific articles published in full in Web of Science Core Collection - 85
- Awards (co-author) – 5
- Hirsch Index: 19 (Web of Science)
- 1448 citations according to Web of Science; 1624 - Google Scholar

11.09.2025