



Europass Curriculum Vitae

Personal information

First name / Surname **Domenico Raimondo**
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Nationality Italian
Gender M

Occupational field

Bioinformatics – (SSD MED46) Department of Molecular Medicine
Faculty of Pharmacy and Medicine, SapienzaUniversity of Rome

Work experience

Dates 2016-present
Occupation or position held Tenure Track Assistant Professor - Sapienza University of Rome
Main activities and responsibilities Research, Teaching
Name and address of employer Department of Molecular Medicine
Sector MED/46
Dates gen 2016 – lug 2016
Occupation or position held Post-doc researcher
Main activities and responsibilities Research, Teaching
Name and address of employer Department of Molecular Medicine
Sector MED/46
Dates gen 2009 – lug 2015
Occupation or position held Fixed-term assistant professor
Main activities and responsibilities Research, Teaching
Name and address of employer Department of Physics
Sector BIO/10

Education and training

Dates 2015
Title of qualification awarded Second level Master in Forensic Genetics
Name and type of organisation providing education and training Università degli Studi di Roma Tor Vergata, 2015, Roma, IT
Dates 2003
Title of qualification awarded Second level Master in "Bioinformatics: Biomedical and Pharmaceutical Applications"

Name and type of organisation providing education and training	Sapienza Università degli Studi di Roma, Roma, IT
Dates	2002
Title of qualification awarded	PhD, "Biological Processes and Biomolecules"
Name and type of organisation providing education and training	Seconda Università di Napoli, Naples, IT
Dates	1999
Title of qualification awarded	Master Degree, Biological Sciences, 110/110 cum laude,
Name and type of organisation providing education and training	Seconda Università di Napoli, Naples, IT
Personal skills and competences	Integration of tools and techniques of computer science and biology in order to understand the biological significance of a variety of data. Within this general area, my main interests are genome functional annotation, protein structure analysis/modelling, characterization of protein-protein and protein-DNA complexes;

Mother tongue	Italian								
Other language									
Self-assessment	Understanding				Speaking				Writing
European level (*)	Listening		Reading		Spoken interaction		Spoken production		
English	C2	Proficient User	C2	Proficient User	C2	Independent User	C2	Proficient User	C2 Proficient User

(*) [Common European Framework of Reference for Languages](#)

Scientific publication

	Bibliometric indicators, Mar. 2017	
	Scopus H-index: 12, Total number of citations: 516	Impact Factor
1	Leopizzi, M., Cocchiola, R., Milanetti, E., Raimondo, D. , Politi, L., Giordano, C., Scandurra, R., Scotto d'Abusco, A. IKK α inhibition by a glucosamine derivative enhances Maspin expression in osteosarcoma cell line (2017) <i>Chemico-Biological Interactions</i> , 262, pp. 19-28.	2.618
2	Cicconi A, Micheli E, Verni F, Jackson A, Gradilla AC, Cipressa F, Raimondo D , Bosso G, Wakefield JG, Ciapponi L, Cenci G, Gatti M, Cacchione S, Raffa GD. The Drosophila telomere-capping protein Verrocchio binds single-stranded DNA and protects telomeres from DNA damage response. <i>Nucleic Acids Res.</i> 2016 Dec 9. pii: gkw1244.	9.202
3	Gaucci, E., Raimondo, D* , Grillo, C., Cervoni, L., Altieri, F., Nittari, G., Eufemi, M., Chichiarelli, S. Analysis of the interaction of calcitriol with the disulfide isomerase ERp57 (2016) <i>Scientific Reports</i> , 6, art. no. 37957. - *corresponding author	5.228
4	Burla, R., Carcuro, M., La Torre, M., Fratini, F., Crescenzi, M., D'Apice, M.R., Spitalieri, P., Raffa, G.D., Astrologo, L., Lattanzi, G., Cundari, E., Raimondo, D. , Biroccio, A., Gatti, M., Saggio, I. The telomeric protein AKTIP interacts with A- and B-type lamins and is involved in regulation of cellular senescence (2016) <i>Open Biology</i> , 6 (8), art. no. 160103	4.822
5	Milanetti, E., Raimondo, D. , Tramontano, A. Prediction of the permeability of neutral drugs inferred from their solvation properties. (2016) <i>Bioinformatics</i> , 32 (8), pp. 1-7. Cited 1 time.	5.766
6	Bonome, E.L., Lepore, R., Raimondo, D. , Cecconi, F., Tramontano, A., Chinappi, M. Multistep current signal in protein translocation through graphene nanopores (2015) <i>Journal of Physical Chemistry B</i> , 119 (18), pp. 5815-5823. Cited 11 times.	3.302
7	Cenci, G., Ciapponi, L., Marzullo, M., Raffa, G.D., Morciano, P., Raimondo, D. , Burla, R., Saggio, I., Gatti, M. The Analysis of Pendolino (peo) Mutants Reveals Differences in the Fusigenic Potential among Drosophila Telomeres (2015) <i>PLoS Genetics</i> , 11 (6), art. no. e1005260, 31 p. Cited 6 times.	7.528
8	Burla, R., Carcuro, M., Raffa, G.D., Galati, A., Raimondo, D. , Rizzo, A., La Torre, M., Micheli, E., Ciapponi, L., Cenci, G., Cundari, E., Musio, A., Biroccio, A., Cacchione, S., Gatti, M., Saggio, I. AKTIP/Ft1, a New Shelterin-Interacting Factor Required for Telomere Maintenance (2015) <i>PLoS Genetics</i> , 11 (6), art. no. e1005167, 24 p. Cited 6 times.	7.528
9	Bonella, S., Raimondo, D. , Milanetti, E., Tramontano, A., Ciccotti, G. Mapping the hydrophathy of amino acids based on their local solvation structure (2014) <i>Journal of Physical Chemistry B</i> , 118 (24), pp. 6604-6613. Cited 2 times.	3.302

- 10 Tornatore, L., **Raimondo, D.**, Sandomenico, A., Low, C., Rocci, A., Tralau-Stewart, C., Capece, D., D'Andrea, D., Bua, M., Boyle, E., vanDuin, M., Zoppoli, P., Jaxa-Chamiec, A., Thotakura, A.K., Dyson, J., Walker, B.A., Leonardi, A., Chambery, A., Driessen, C., Sonneveld, P., Morgan, G., Palumbo, A., Tramontano, A., Rahemtulla, A., Ruvo, M., Franzoso, G.
Cancer-Selective Targeting of the NF- κ B Survival Pathway with GADD45 β /MKK7 Inhibitors
(2014) *Cancer Cell*, 26 (4), pp. 495-508. Cited 17 times. 23.523
- 11 Doti, N., Raimondo, D., Sabatella, M., Ruvo, M.
Identification of protease inhibitors by a fast fluorimetric assay
(2013) *Molecular Biotechnology*, 54 (2), pp. 283-291. Cited 1 time. 2.275
- 12 Magnacca, A., Persiconi, I., Nurzia, E., Caristi, S., Meloni, F., Barnaba, V., Paladini, F., **Raimondo, D.**, Fiorillo, M.T., Sorrentino, R.
Characterization of a proteasome and TAP-independent presentation of intracellular epitopes by HLA-B27 molecules
(2012) *Journal of Biological Chemistry*, 287 (36), pp. 30358-30367. Cited 6 times. 4.651
- 13 **Raimondo, D.**, Romano, V., Calvanese, L., D'Auria, G., Tramontano, A., Falcigno, L.
Toward a better understanding of the interaction between TGF- β family members and their ALK receptors
(2012) *Journal of Molecular Modeling*, 18 (8), pp. 3617-3625. Cited 5 times. 1.984
- 14 Lepore, R., Simeoni, S., **Raimondo, D.**, Caroli, A., Tramontano, A., Via, A.
Identification of the *Schistosoma mansoni* molecular target for the antimalarial drug artemether
(2011) *Journal of Chemical Information and Modeling*, 51 (11), pp. 3005-3016. Cited 12 times. 4.675
- 15 Floris, M., Raimondo, D., Leoni, G., Orsini, M., Marcatili, P., Tramontano, A.
MAISTAS: A tool for automatic structural evaluation of alternative splicing products
(2011) *Bioinformatics*, 27 (12), art. no. btr198, pp. 1625-1629. Cited 10 times. 5.468
- 16 Mancini, E., Tamaro, F., Baldini, F., Via, A., **Raimondo, D.**, George, P., Audisio, P., Sharakhov, I.V., Tramontano, A., Catteruccia, F., Torre, A.D.
Molecular evolution of a gene cluster of serine proteases expressed in the *Anopheles gambiae* female reproductive tract
(2011) *BMC Evolutionary Biology*, 11 (1), art. no. 72, . Cited 12 times. 3.521
- 17 Leoni, G., Le Pera, L., Ferrè, F., **Raimondo, D.**, Tramontano, A.
Coding potential of the products of alternative splicing in human
(2011) *Genome Biology*, 12 (1), art. no. R9, . Cited 13 times. 9.036
- 18 Raffa, G.D., **Raimondo, D.**, Sorino, C., Cugusi, S., Cenci, G., Cacchione, S., Gatti, M., Ciapponi, L.
Verrocchio, a *Drosophila* OB fold-containing protein, is a component of the terminin telomere-capping complex
(2010) *Genes and Development*, 24 (15), pp. 1596-1601. Cited 35 times. 12.889
- 19 Loewenstein, Y., **Raimondo, D.**, Redfern, O.C., Watson, J., Frishman, D., Linial, M., Orengo, C., Thornton, J., Tramontano, A.
Protein function annotation by homology-based inference.
(2009) *Genome biology*, 10 (2), p. 207. Cited 105 times. 9.036
- 20 Maullu, C., **Raimondo, D.**, Caboi, F., Giorgetti, A., Sergi, M., Valentini, M., Tonon, G., Tramontano, A.
Site-directed enzymatic PEGylation of the human granulocyte colony-stimulating factor
(2009) *FEBS Journal*, 276 (22), pp. 6741-6750. Cited 25 times. 3.042
- 21 **Raimondo, D.**, Giorgetti, A., Bernassola, F., Melino, G., Tramontano, A.
Modelling and molecular dynamics of the interaction between the E3 ubiquitin ligase Itch and the E2 UbcH7
(2008) *Biochemical Pharmacology*, 76 (11), pp. 1620-1627. Cited 10 times. 4.838
- 22 Cozzetto, D., Giorgetti, A., **Raimondo, D.**, Tramontano, A.
The evaluation of protein structure prediction results
(2008) *Molecular Biotechnology*, 39 (1), pp. 1-8. Cited 13 times. 1.669
- 23 Guariento, M., Raimondo, D., Assfalg, M., Zanzoni, S., Pesente, P., Ragona, L., Tramontano, A., Molinari, H.
Identification and functional characterization of the bile acid transport proteins in non-mammalian ileum and mammalian liver
(2008) *Proteins: Structure, Function and Genetics*, 70 (2), pp. 462-472. Cited 24 times. 3.419
- 24 Tramontano, A., Cozzetto, D., Giorgetti, A., **Raimondo, D.**
The assessment of methods for protein structure prediction
(2007) *Methods in Molecular Biology*, 413, pp. 43-57. Cited 9 times. 0.5
- 25 Potenza, N., Salvatore, V., **Raimondo, D.**, Falanga, D., Nobile, V., Peterson, D.L., Russo, A.
Optimized expression from a synthetic gene of an untagged RNase H domain of human hepatitis B virus polymerase which is enzymatically active
(2007) *Protein Expression and Purification*, 55 (1), pp. 93-99. Cited 12 times. 1.94
- 26 Tress, M.L., Martelli, P.L., Frankish, A., Reeves, G.A., Wesselink, J.J., Yeats, C., Ólason, P.Í., Albrecht,

- M., Hegyi, H., Giorgetti, A., **Raimondo, D.**, Lagarde, J., Laskowski, R.A., López, G., Sadowski, M.I., Watson, J.D., Fariselli, P., Rossi, I., Nagy, A., Kai, W., Størling, Z., Orsini, M., Assenov, Y., Blankenburg, H., Huthmacher, C., Ramírez, F., Schlicker, A., Denoued, F., Jones, P., Kerrien, S., Orchard, S., Antonarakis, S.E., Reymond, A., Birney, E., Brunak, S., Casadio, R., Guigo, R., Harrow, J., Hermjakob, H., Jones, D.T., Lengauer, T., Orengo, C.A., Patthy, L., Thornton, J.M., Tramontano, A., Valencia, A.
- The implications of alternative splicing in the ENCODE protein complement
(2007) Proceedings of the National Academy of Sciences of the United States of America, 104 (13), pp. 5495-5500. Cited 143 times. 9.598
- 27 Raimondo, D.**, Giorgetti, A., Bosi, S., Tramontano, A.
Automatic procedure for using models of proteins in molecular replacement
(2007) Proteins: Structure, Function and Genetics, 66 (3), pp. 689-696. Cited 21 times. 3.354
- 28 Giorgetti, A., Raimondo, D.**, Miele, A.E., Tramontano, A.
Evaluating the usefulness of protein structure models for molecular replacement
(2005) Bioinformatics, 21 (SUPPL. 2), . Cited 39 times. 5.468
- 29 Raimondo, D.**, Andreotti, G., Saint, N., Amodeo, P., Renzone, G., Sanseverino, M., Zocchi, I., Molle, G., Motta, A., Scaloni, A.
A folding-dependent mechanism of antimicrobial peptide resistance to degradation unveiled by solution structure of distinctin
(2005) Proceedings of the National Academy of Sciences of the United States of America, 102 (18), pp. 6309-6314. Cited 44 times. 10.231

Books

- 1) Tramontano, A., Jones, D., Rychlewski, L., Casadio, R., Martelli, P., **Raimondo, D.**, Giorgetti, A.
Structure prediction of globular proteins
(2008) Modern Genome Annotation: The Biosapiens Network, pp. 283-307.
- 2) Tress, M.L., Casadio, R., Giorgetti, A., Hallin, P.F., Juncker, A.S., Kulberkyte, E., Martelli, P., **Raimondo, D.**, Reeves, G.A., Thornton, J.M., Tramontano, A., Wang, K., Wesselink, J.-J., Valencia, A.
Alternative splicing in the ENCODE protein complement
(2008) Modern Genome Annotation: The Biosapiens Network, pp. 453-484.
- 3) Tramontano A, Cozzetto D, Giorgetti A, **Raimondo D.**
The assessment of methods for protein structure prediction
Methods Mol. Biol. 2007, Editors: Mohammed J. Zaki, Christopher Bystroff

Signature
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