

PERSONAL INFORMATION

Name ANTINOZZI Cristina
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QUALIFICATIONS

1. P.h.D.: SCIENCES AND BIOTECHNOLOGIES OF REPRODUCTION AND DEVELOPMENT at University of ROME "Tor Vergata" - Via O. Raimondo,18 Loc. La Romanina - ROMA

Thesis title: Study of the molecular mechanisms underlying double strand breaks repair during male mouse meiosis

2. Specialized degree/master degree (110 cum laude) at University of ROME "Tor Vergata" - Via O. Raimondo,18 Loc. La Romanina - ROMA

Thesis title: Ruolo fisiologico dell'interazione tra la catena leggera 1 della dineina e la proteina AMBRA1 nell'autofagia (Physiological role of the interaction between light chain 1 of dinein and AMBRA1 protein in autophagy)

EXPERIENCES

1. Time 01/10/2020 – to date

Qualification: Research Fellow at University of ROME "Foro Italico" - Piazza Lauro de Bosis, 15 – ROMA

2. Time 01/10/2015 – 1/10/2020

Qualification: Researcher (art. 24 c.3-a L. 240/10) Principal Investigator-Scientific Independence of young Researchers (SIR) at University of ROMA "Foro Italico" - Piazza Lauro de Bosis, 15 – ROMA Dip. L.240/2010 Movement, Human and Health Sciences

3. Time 26/02/2015 - 25/05/2015

Qualification: Professional Consultant

Activity carried out: Professional performance assignment for the development of: gene expression analysis of bone and mesenchymal cell lines subjected to proliferative and / or differential stimuli at University of ROME "La Sapienza" - P.zza Aldo Moro, 5 - ROMA

4. Time 01/04/2012 - 31/03/2015

Post Doc Research Fellow at University of ROME "Foro Italico" - Piazza Lauro de Bosis, 15 - ROMA

Prizes and awards

1. Best paper award on Journal of Endocrinological Investigation 2017 by Societa Italiana Endocrinologi a

2. Oral Communication Congresso SIR 2016 (2016) by Società italiana di Reumatologia

3. Golden Communication SIAMS 2014 (2014) by Società italiana di andrologia e medicina della sessualità (SIAMS)

4. Abstract Award XI congresso nazionale SIAMS (2014) by SIAMS

5. poster award (2013) by Menarini

6. "Sebastiano e Rita Raeli" Award (2009). Premio Studenti Meritevoli by University of Roma Tor Vergata

RESEARCH GRANTS

1. Young Research Grant 2019 by the University of Rome "Foro Italico"

2. PRIN 2017 by MIUR

3. Principal Investigator-Scientific Independence of young Researchers (SIR 2014) by MIUR

REFERENCES:

1. Di Luigi, L.D.; Duranti, G.; Antonioni, A.; Sgrò, P.; Ceci, R.; Crescioli, C.; Sabatini, S.; Lenzi, A.; Caporossi, D.; Del Galdo, F.D.; Dimauro, I.; **Antinozzi, C.**
The Phosphodiesterase Type 5 Inhibitor Sildenafil Improves DNA Stability and Redox Homeostasis in Systemic Sclerosis Fibroblasts Exposed to Reactive Oxygen Species. Antioxidants 2020, 9, 786 <https://doi.org/10.3390/antiox9090786>

2. Sgrò P, Minganti C, Lista M, **Antinozzi C**, Cappa M, Pitsiladis Y, Pigozzi F, Di Luigi L.
Dihydrotestosterone (DHT) rapidly increase after maximal aerobic exercise in healthy males: the lowering effect of phosphodiesterase's type 5 inhibitors on DHT response to exercise-related stress. J Endocrinol Invest. 2020 Sep 18. doi: 10.1007/s40618-020-01409-z.
3. Francesco Petragnano; Ilaria Pietrantonio; Simona Camero; Silvia Codenotti; Luisa Milazzo; Francesca Vulcano; Giampiero Macioce; Ilenia Giordani; Paolo Tini; Sara Cheleschi; Giovanni L Gravina; Claudio Festuccia; Alessandra Rossetti; Simona Delle Monache; Alessandra Ordinelli; Carmela Ciccarelli; Annunziata Mauro; Barbara Barboni; **Cristina Antinozzi**; Amalia Schiavetti; Roberto Maggio; Antonella Polimeni; Luigi Di Luigi; Cinzia Marchese; Vincenzo Tombolini; Alessandro Fanzani; Nicola Bernabò; Francesca Megiorni; Francesco Marampon.
Clinically relevant radioresistant rhabdomyosarcoma cell lines: functional, molecular and immune-related characterization. Journal of Biomedical Science. JBMS-D-20-00976R1
4. **Antinozzi C**, Sgrò P, and Di Luigi L.
Advantages of Phosphodiesterase Type 5 Inhibitors in the Management of Glucose Metabolism Disorders: A Clinical and Translational Issue. Review Article Volume 2020 <https://doi.org/10.1155/2020/7078108>
5. Di Luigi L, Sgrò P, Duranti G, Sabatini S, Caporossi D, Del Galdo F, Dimauro I, **Antinozzi C**.
Sildenafil Reduces Expression and Release of IL-6 and IL-8 Induced by Reactive Oxygen Species in Systemic Sclerosis Fibroblasts. Int J Mol Sci. 2020 Apr 30;21(9):3161. doi: 10.3390/ijms21093161.
6. L. Di Luigi, **C. Antinozzi**, E. Piantanida, P. Sgrò
Vitamin D, sport and health: a still unresolved clinical issue. J Endocrinol Invest. 2020 Jul 6. doi: 10.1007/s40618-020-01347-w.
7. Raparelli V, Romiti GF, Spugnardi V, Borgi M, Cangemi R, Basili S, Proietti M; **The Eva Collaborative Group**.
Gender-Related Determinants of Adherence to the Mediterranean Diet in Adults with Ischemic Heart Disease. Nutrients. 2020 Mar 13;12(3):759. doi: 10.3390/nu12030759. PMID: 32183044; PMCID: PMC7146303.
8. Colletti M, Galardi A, De Santis M, Guidelli GM, Di Giannatale A, Di Luigi L, **Antinozzi C**.
Exosomes in Systemic Sclerosis: Messengers Between Immune, Vascular and Fibrotic Components? Int J Mol Sci. 2019 Sep 4;20(18):4337. doi: 10.3390/ijms20184337.
9. De Felice F, Megiorni F, Pietrantonio I, Tini P, Lessiani G, Mastroiacovo D, Mattana P, **Antinozzi C**, Di Luigi L, Delle Monache S, Angelucci A, Festuccia C, Fanzani A, Maggio R, Tombolini V, Gravina GL, Marampon F.
Sulodexide counteracts endothelial dysfunction induced by metabolic or non-metabolic stresses through activation of the autophagic program. Eur Rev Med Pharmacol Sci. 2019 Mar;23(6):2669-2680. doi: 10.26355/eurrev_201903_17415. PMID: 30964194.
10. Raparelli V, Proietti M, Romiti GF, Lenzi A, Basili S; **EVA Collaborative Group**.
The Sex-Specific Detrimental Effect of Diabetes and Gender-Related Factors on Pre-admission Medication Adherence Among Patients Hospitalized for Ischemic Heart Disease: Insights From EVA Study. Front Endocrinol (Lausanne). 2019 Feb 25;10:107. doi: 10.3389/fendo.2019.00107.
11. **Antinozzi C**, Marampon F, Sgrò P, Tombolini V, Lenzi A, Crescioli C, Di Luigi L.
Comparative study of testosterone and vitamin D analogue, elocalcitol, on insulin-controlled signal transduction pathway regulation in human skeletal muscle cells. J Endocrinol Invest. 2019 Aug;42(8):897-907. doi: 10.1007/s40618-018-0998-6.
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The phosphodiesterase 5 inhibitor sildenafil decreases the proinflammatory chemokine IL-8 in diabetic cardiomyopathy: in vivo and in vitro evidence. J Endocrinol Invest. 2019 Jun;42(6):715-725. doi: 10.1007/s40618-018-0977-y. Epub 2018 Nov 10.
13. Raparelli V, Proietti M, Lenzi A, Basili S; **EVA Collaborators**.
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The phosphodiesterase 5 inhibitor tadalafil regulates lipidic homeostasis in human skeletal muscle cell metabolism. Endocrine. 2018 Mar;59(3):602-613. doi: 10.1007/s12020-017-1378-2.
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Reduced proficiency in homologous recombination underlies the high sensitivity of embryonal carcinoma testicular germ cell tumors to Cisplatin and poly (adp-ribose) polymerase inhibition. PLoS One. 2012;7(12):e51563. doi: 10.1371/journal.pone.0051563.