

## **Vittoria Cenni:**

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## **Elenco delle pubblicazioni**

1. **Cenni V**, Squarzoni S, Loi M, Mattioli E, Lattanzi G, Capanni C. Emerin Phosphorylation During the Early Phase of the Oxidative Stress Response Influences Emerin-BAF Interaction and BAF Nuclear Localization. *Cells* 2020 Jun 6;9(6):E1415
2. **Cenni V**, Capanni C, Mattioli E, Schena E, Squarzoni S, Bacalini MG, Garagnani P, Salvioli S, Franceschi C, Lattanzi G. Lamin A involvement in ageing processes. *Ageing Res Rev.* 2020 May 21:101073.
3. Antoniel M, Traina F, Merlini L, Andrenacci D, Tigani D, Santi S, **Cenni V**, Sabatelli P, Faldini C, Squarzoni S. Tendon Extracellular Matrix Remodeling and Defective Cell Polarization in the Presence of Collagen VI Mutations. *Cells.* 2020 Feb 11;9(2).
4. **Cenni V**, Kojic S, Capanni C, Faulkner G, Lattanzi G. (2019). Ankrd2 in mechanotransduction and oxidative stress response in skeletal muscle: new cues for the pathogenesis of muscular laminopathies. *Oxid Med Cell Longev* 2019 Jul 24;2019:7318796.
5. Chiarini F, Evangelisti C, **Cenni V**, Fazio A, Paganelli F, Martelli AM, Lattanzi G. (2015). The Cutting Edge: The Role of mTOR Signaling in Laminopathies. *Int J Mol Sci.* 2019 Feb 15;20(4):847.
6. **Cenni V**, D'Apice MR, Garagnani P, Columbaro M, Novelli G, Franceschi C, Lattanzi G. (2018). Mandibuloacral dysplasia: A premature ageing disease with aspects of physiological ageing. *Ageing Res Rev.* 2018 Mar;42:1-13.
7. **Cenni V**. (2017) Letter to the editor: Comments on Wette et al. (2017): "Characterization of muscle ankyrin repeat proteins in human skeletal muscle". *Am J Physiol Cell Physiol.* 2017 Oct 1;313(4):C469-C470.
8. Angori S, Capanni C, Faulkner G, Bean C, Boriani G, Lattanzi G, **Cenni V**. (2017). Emery-Dreifuss Muscular Dystrophy-Associated Mutant Forms of Lamin A Recruit the Stress Responsive Protein Ankrd2 into the Nucleus, Affecting the Cellular Response to Oxidative Stress. *Cell Physiol Biochem.* 2017;42(1):169-184.
9. Evangelisti C, **Cenni V**, Lattanzi G. (2016) Potential therapeutic effects of the MTOR inhibitors for preventing ageing and progeria-related disorders. *Br J Clin Pharmacol.* 2016 Nov;82(5):1229-1244.
10. Loi M, **Cenni V**, Duchi S, Squarzoni S, Lopez-Otin C, Foisner R, Lattanzi G, Capanni C. (2015). Barrier-to-Autointegration Factor (BAF) involvement in prelamin A-related chromatin organization changes. *Oncotarget.* 2015 Dec 20

11. Bean C, Verma NK, Yamamoto DL, Chemello F, **Cenni V**, Filomena MC, Chen J, Bang ML, Lanfranchi G. (2014). Ankrd2 is a modulator of NF- $\kappa$ B-mediated inflammatory responses during muscle differentiation. *Cell Death & Disease*, vol. 5 e1002
12. Camozzi D, Capanni C, **Cenni V**, Mattioli E, Columbaro M, Squarzoni S, Lattanzi G. (2014). Diverse lamin-dependent mechanisms interact to control chromatin dynamics. Focus on laminopathies. *Nucleus*, vol. 5, p. 427-440
13. **Cenni V**, Capanni C, Mattioli E, Columbaro M, Wehnert M, Ortolani M, Fini M, Novelli G, Bertacchini J, Maraldi NM, Marmioli S, D'Apice MR, Prencipe S, Squarzoni S, Lattanzi G (2014). Rapamycin treatment of Mandibuloacral dysplasia cells rescues localization of chromatin-associated proteins and cell cycle dynamics. *Aging*, vol. 6, p. 755-770
14. Lattanzi G, Ortolani M, Columbaro M, Prencipe S, Mattioli E, Lanzarini C, Maraldi NM, **Cenni V**, Garagnani P, Salvioli S, Storci G, Bonafe M, Capanni C, Franceschi C (2013). Lamins are rapamycin targets that impact human longevity: a study in centenarians. *Journal Of Cell Science*, vol. 127, p. 147-157.
15. Bertacchini J, Beretti F, **Cenni V**, Guida M, Gibellini F, Mediani L, Marin O, Maraldi NM, de Pol A, Lattanzi G, Cocco L, Marmioli S. (2013). The protein kinase Akt/PKB regulates both prelamin A degradation and Lmna gene expression. *Faseb Journal* 27(6):2145-55.
16. Camozzi D, D'Apice MR, Schena E, **Cenni V**, Columbaro M, Capanni C, Maraldi NM, Squarzoni S, Ortolani M, Novelli G, Lattanzi G. (2012). Altered chromatin organization and SUN2 localization in mandibuloacral dysplasia are rescued by drug treatment. *Histochem Cell Biol*, vol. 138(4), p. 643-651.
17. Capanni C, Squarzoni S, **Cenni V**, D'Apice MR, Gambineri A, Novelli G, Wehnert M, Pasquali R, Maraldi NM, Lattanzi G. (2012). Familial partial lipodystrophy, mandibuloacral dysplasia and restrictive dermopathy feature barrier-to-autointegration factor (BAF) nuclear redistribution. *Cell Cycle*, vol. 11(19), p. 3568-3577.
18. **Cenni V**, Bavelloni A, Beretti F, Tagliavini F, Manzoli L, Lattanzi G, Maraldi NM, Cocco L, Marmioli S. (2011). Ankrd2/ARPP is a novel Akt2 specific substrate and regulates myogenic differentiation upon cellular exposure to H(2)O(2). *Molecular Biology Of The Cell*, 22(16):2946-56.
19. **Cenni V**, Capanni C, Columbaro M, Ortolani M, D'Apice MR, Novelli G, Fini M, Marmioli S, Scarano E, Maraldi NM, Squarzoni S, Prencipe S, Lattanzi G (2011). Autophagic degradation of farnesylated prelamin A as a therapeutic approach to lamin-linked progeria. *European Journal Of Histochemistry*, vol. 55(4), p. 200-205.
20. Maraldi NM, Capanni C, **Cenni V**, Fini M, Lattanzi G. (2011). Laminopathies and lamin-associated signaling pathways. *Journal Of Cellular Biochemistry*, 112(4):979-92.
21. Mattioli E, Columbaro M, Capanni C, Maraldi NM, **Cenni V**, Scotlandi K, Marino MT, Merlini L, Squarzoni S, Lattanzi G. (2011). Prelamin A-mediated recruitment of SUN1 to the nuclear envelope directs nuclear positioning in human muscle. *Cell Death And Differentiation*, 18(8):1305-15.

22. Maraldi NM, Lattanzi G, **Cenni V**, Bavelloni A, Marmioli S, Manzoli FA (2010). 2.Laminopathies and A-type lamin-associated signalling pathways. *Advances In Enzyme Regulation*, vol. 50, p. 248-261
23. Capanni C, **Cenni V**, Haraguchi T, Squarzoni S, Schuchner S, Ogris E, Novelli G, Maraldi NM, Lattanzi G (2010). Lamin A precursor induces barrier-to-autointegration factor nuclear localization. *Cell Cycle*, vol. 9, p. 2598-2608.
24. Columbaro M, Mattioli E, Schena E, Capanni C, **Cenni V**, Levy N, Navarro CL, Del Coco R, Squarzoni S, Camozzi D, Hutchison CJ, Wehnert M, Lattanzi G (2010). Prelamin A processing and functional effects in restrictive dermopathy. *Cell Cycle*, 9(23):4766-8.
25. Marmioli S, Bertacchini J, Beretti F, **Cenni V**, Guida M, De Pol A, Maraldi N.M, Lattanzi G (2009). A-type lamins and signaling: the PI 3-kinase/Akt pathway moves forward. *Journal Of Cellular Physiology*, vol. 220, p. 553-561.
26. **Cenni V**, Bertacchini J, Beretti F, Lattanzi G, Bavelloni A, Riccio M, Ruzzene M, Marin O, Arrigoni G, Parnaik V, Wehnert M, Maraldi NM, De Pol A, Cocco L, Marmioli S (2008). Lamin A Ser404 is a nuclear target of Akt phosphorylation in C2C12 cells. *Journal Of Proteome Research*, vol. 7, p. 4727-4735.
27. Lattanzi G, Columbaro M, Mattioli E, **Cenni V**, Camozzi D, Wehnert M, Santi S, Riccio M, Del Coco R, Maraldi Nm, Squarzoni S, Foisner R, Capanni C (2007). Pre-Lamin A processing is linked to heterochromatin organization. *Journal Of Cellular Biochemistry*, vol. 102, p. 1149-1159.
28. Capanni C, Mattioli E, Columbaro M, Lucarelli E, Parnaik Vk, Novelli G, Wehnert M, **Cenni V**, Maraldi Nm, Squarzoni S, Lattanzi G (2005). Altered pre-lamin A processing is a common mechanism leading to lipodystrophy. *Human Molecular Genetics*, vol. 14, p. 1489-1502.
29. Maraldi NM, Lattanzi G, Squarzoni S, Capanni C, **Cenni V**, Manzoli FA (2005). Implications for nuclear organization and gene transcription of lamin A/C specific mutations. *Advances In Enzyme Regulation*, vol. 45, p. 1-16,
30. **Cenni V**, Sabatelli P, Mattioli E, Marmioli S, Capanni C, Ognibene A, Squarzoni S, Maraldi NM, Bonne G, Columbaro M, Merlini L, Lattanzi G (2005). Lamin A N-terminal phosphorylation is associated with myoblast activation: impairment in Emery-Dreifuss muscular dystrophy. *Journal Of Medical Genetics*, vol. 42(3), p. 214-220.
31. **Cenni V**, Maraldi NM, Ruggeri A, Secchiero P, Del Coco R, De Pol A, Cocco L, Marmioli S (2004). Sensitization of multidrug resistant human osteosarcoma cells to Apo2 Ligand/TRAIL-induced apoptosis by inhibition of the Akt/PKB kinase. *International Journal Of Oncology*, vol. 25, p. 1599-1608.
32. Lattanzi G, **Cenni V**, Marmioli S, Capanni C, Mattioli E, Merlini L, Squarzoni S, Maraldi NM (2003). Association of emerin with nuclear and cytoplasmic actin is regulated in differentiating myoblasts. *Biochemical And Biophysical Research Communications*, vol. 303, p. 764-770.
33. Capanni C, **Cenni V**, Mattioli E, Sabatelli P, Ognibene A, Columbaro M, Parnaik Vk, Wehnert M, Maraldi Nm, Squarzoni S, Lattanzi G (2003). Failure of lamin A/C to functionally assemble in

- R482L mutated familial partial lipodystrophy fibroblasts: altered intermolecular interaction with emerin and implications for gene transcription. *Experimental Cell Research*, vol. 29, p. 122-134.
34. **Cenni V**, Sirri A, De Pol A, Maraldi NM, Marmioli S (2003). Interleukin-1-receptor-associated kinase 2 (IRAK2)-mediated interleukin-1-dependent nuclear factor kappaB transactivation in Saos2 cells requires the Akt/protein kinase B kinase. *Biochemical Journal*, vol. 376, p. 303-311.
35. **Cenni V**, Sirri A, Riccio M, Lattanzi G, Santi S, De Pol A, Maraldi NM, Marmioli S (2003). Targeting of the Akt/PKB kinase to the actin skeleton. *Cellular And Molecular Life Sciences*, vol. 60, p. 2710-2720.
36. **Cenni V**, Döppler H, Sonnenburg Ed, Maraldi N, Newton AC, Toker A (2002). Regulation of novel protein kinase C epsilon by phosphorylation. *Biochemical Journal*, vol. 363, p. 537-545. **IF: 4.66**
37. Lattanzi G, Muntoni F, Sabatelli P, Squarzoni S, Maraldi NM, **Cenni V**, Villanova M, Columbaro M, Merlini L, Marmioli S (2002). Unusual laminin alpha2 processing in myoblasts from a patient with a novel variant of congenital muscular dystrophy. *Biochemical And Biophysical Research Communications*, vol. 277, p. 639-642.
38. Standaert MI, Bandyopadhyay G, Perez L, Price D, Galloway L, Poklepovic A, Sajan MP, **Cenni V**, Sirri A, Moscat J, Toker A, Farese RV (1999). Insulin activates protein kinases C-zeta and C-lambda by an autophosphorylation-dependent mechanism and stimulates their translocation to GLUT4 vesicles and other membrane fractions in rat adipocytes. *THE Journal Of Biological Chemistry*, vol. 274, p. 25308-25316
39. Marmioli S, Bavelloni A, Faenza I, Sirri A, Ognibene A, **Cenni V**, Tsukada J, Koyama Y, Ruzzene M, Ferri A, Auron PE, Toker A, Maraldi NM (1998). Phosphatidylinositol 3-kinase is recruited to a specific site in the activated IL-1 receptor I. *Febs Letters*, vol. 438, p. 49-54