

## Articoli recenti pubblicati dal gruppo di ricerca di Stefano Salvioli

### Recent papers published by Stefano Salvioli's group

1: **Conte M**, Santoro A, Collura S, Martucci M, Battista G, Bazzocchi A, Morsiani C, Sevini F, Capri M, Monti D, Franceschi C, **Salvioli S**. Circulating perilipin 2 levels are associated with fat mass, inflammatory and metabolic markers and are higher in women than men. *Aging (Albany NY)*. 2021 Mar 17;13(6):7931-7942. doi:10.18632/aging.202840.

2: **Conte M**, Sabbatinelli J, **Chiariello A**, Martucci M, Santoro A, Monti D, Arcaro M, Galimberti D, Scarpini E, Bonfigli AR, Giuliani A, Olivieri F, Franceschi C, **Salvioli S**. Disease-specific plasma levels of mitokines FGF21, GDF15, and Humanin in type II diabetes and Alzheimer's disease in comparison with healthy aging. *Geroscience*. 2021 Apr;43(2):985-1001. doi: 10.1007/s11357-020-00287-w.

3: **Conte M**, Martucci M, **Chiariello A**, Franceschi C, **Salvioli S**. Mitochondria, immunosenescence and inflammaging: a role for mitokines? *Semin Immunopathol*. 2020 Oct;42(5):607-617. doi: 10.1007/s00281-020-00813-0.

4: **Conte M**, Martucci M, Mosconi G, **Chiariello A**, Cappuccilli M, Totti V, Santoro A, Franceschi C, **Salvioli S**. GDF15 Plasma Level Is Inversely Associated With Level of Physical Activity and Correlates With Markers of Inflammation and Muscle Weakness. *Front Immunol*. 2020 May 12;11:915. doi:10.3389/fimmu.2020.00915.

5: Martucci M, **Conte M**, Ostan R, **Chiariello A**, Miele F, Franceschi C, **Salvioli S**, Santoro A, Provini F. Both objective and paradoxical insomnia elicit a stress response involving mitokine production. *Aging (Albany NY)*. 2020 May 17;12(11):10497-10505. doi: 10.18632/aging.103274.

6: **Conte M**, Conte G, Martucci M, Monti D, Casarosa L, Serra A, Mele M, Franceschi C, **Salvioli S**. The smell of longevity: a combination of Volatile Organic Compounds (VOCs) can discriminate centenarians and their offspring from age-matched subjects and young controls. *Geroscience*. 2020 Feb;42(1):201-216. doi: 10.1007/s11357-019-00143-6.

7: **Conte M**, Armani A, Conte G, Serra A, Franceschi C, Mele M, Sandri M, **Salvioli S**. Muscle-specific Perilipin2 down-regulation affects lipid metabolism and induces myofiber hypertrophy. *J Cachexia Sarcopenia Muscle*. 2019 Feb;10(1):95-110. doi: 10.1002/jcsm.12355.

8: **Conte M**, Ostan R, Fabbri C, Santoro A, Guidarelli G, Vitale G, Mari D, Sevini F, Capri M, Sandri M, Monti D, Franceschi C, **Salvioli S**. Human Aging and Longevity Are Characterized by High Levels of Mitokines. *J Gerontol A Biol Sci Med Sci*. 2019 Apr 23;74(5):600-607. doi: 10.1093/gerona/gly153.

9: Matarrese P, Tieri P, Anticoli S, Ascione B, **Conte M**, Franceschi C, Malorni W, **Salvioli S**, Ruggieri A. X-chromosome-linked miR548am-5p is a key regulator of sex disparity in the susceptibility to mitochondria-mediated apoptosis. *Cell Death Dis*. 2019 Sep 11;10(9):673. doi: 10.1038/s41419-019-1888-3. Erratum in: *Cell Death Dis*. 2019 Nov 4;10(11):828.

10: **Conte M**, Martucci M, Sandri M, Franceschi C, **Salvioli S**. The Dual Role of the Pervasive "Fattish" Tissue Remodeling With Age. *Front Endocrinol (Lausanne)*. 2019 Feb 26;10:114. doi: 10.3389/fendo.2019.00114.

11: Franceschi C, Garagnani P, Gensous N, Bacalini MG, **Conte M**, **Salvioli S**. Accelerated bio-cognitive aging in Down syndrome: State of the art and possible deceleration strategies. *Aging Cell*. 2019 Jun;18(3):e12903. doi:10.1111/accel.12903.

12: Franceschi C, Garagnani P, Morsiani C, **Conte M**, Santoro A, Grignolio A, Monti D, Capri M, **Salvioli S**. The Continuum of Aging and Age-Related Diseases: Common Mechanisms but Different Rates. *Front Med (Lausanne)*. 2018 Mar 12;5:61. doi: 10.3389/fmed.2018.00061.

13: Tezze C, Romanello V, Desbats MA, Fadini GP, Albiero M, Favaro G, Ciciliot S, Soriano ME, Morbidoni V, Cerqua C, Loeffler S, Kern H, Franceschi C, **Salvioli S**, **Conte M**, Blaauw B, Zampieri S, Salviati L, Scorrano L, Sandri M. Age-Associated Loss of OPA1 in Muscle Impacts Muscle Mass, Metabolic Homeostasis, Systemic Inflammation, and Epithelial Senescence. *Cell Metab*. 2017 Jun 6;25(6):1374-1389.e6. doi: 10.1016/j.cmet.2017.04.021.

14: **Conte M**, Franceschi C, Sandri M, **Salvioli S**. Perilipin 2 and Age-Related Metabolic Diseases: A New Perspective. *Trends Endocrinol Metab*. 2016 Dec;27(12):893-903. doi: 10.1016/j.tem.2016.09.001.

15: Kristensen M, Pötzelsberger B, Scheiber P, Bergdahl A, Hansen CN, Andersen JL, Narici M, **Salvioli S**, **Conte M**, Müller E, Dela F. Alpine Skiing With total knee ArthroPlasty (ASWAP): metabolism, inflammation, and skeletal muscle fiber characteristics. *Scand J Med Sci Sports*. 2015 Aug;25 Suppl 2:40-8. doi:10.1111/sms.12478.

16: Narici M, **Conte M**, **Salvioli S**, Franceschi C, Selby A, Dela F, Rieder F, Kösters A, Müller E. Alpine Skiing With total knee ArthroPlasty (ASWAP): impact on molecular and architectural features of musculo-skeletal ageing. *Scand J Med Sci Sports*. 2015 Aug;25 Suppl 2:33-9. doi: 10.1111/sms.12458.

17: **Conte M**, Vasuri F, Bertaggia E, Armani A, Santoro A, Bellavista E, Degiovanni A, D'Errico-Grigioni A, Trisolino G, Capri M, Franchi MV, Narici MV, Sandri M, Franceschi C, **Salvioli S**. Differential expression of perilipin 2 and 5 in human skeletal muscle during aging and their association with atrophy-related genes. *Biogerontology*. 2015 Jun;16(3):329-40. doi: 10.1007/s10522-014-9549-5. Erratum in: *Biogerontology*. 2015 Jun;16(3):341.

19: **Conte M**, Vasuri F, Trisolino G, Bellavista E, Santoro A, Degiovanni A, Martucci E, D'Errico-Grigioni A, Caporossi D, Capri M, Maier AB, Seynnes O, Barberi L, Musarò A, Narici MV, Franceschi C, **Salvioli S**. Increased Plin2 expression in human skeletal muscle is associated with sarcopenia and muscle weakness. *PLoS One*. 2013 Aug 15;8(8):e73709. doi: 10.1371/journal.pone.0073709.