

• **15th Euro Fed Lipid Congress, 27-30 Agosto 2017, Uppsala (Svezia), con presentazione di 4**

Abstract e Poster:

1) Strawberry fruits and achenes protect HepG2 cells against AAPH-induced oxidative stress. Ariza, M.T., Reboredo-Rodríguez, P., Forbes-Hernández, T.Y, Giampieri, F., Afrin, S., Gasparri, M., **Cianciosi, D.**, Varela-López, A., Cervantes, L., Soria, C., Martínez-Ferri, E., Battino, M;

2) Strawberry enriched-diet counteracts oxidative stress and ameliorates lipid profile in rats stressed with doxorubicin and lipopolysaccharide. M Gasparri, F Giampieri, TY Forbes-Hernandez, S Afrin, **D Cianciosi**, P Reboredo-Rodriguez, A Varela-Lopez, MT Ariza, M Battino;

3) Lipid accumulation in HepG2 cells is attenuated by strawberry extract through AMPK activation. TY. Forbes-Hernández, P Reboredo-Rodríguez, F Giampieri, M Gasparri, S Afrin, **D Cianciosi**, A Varela-López, M Battino

4) Characterization of pistachio phenolic extracts and their preliminary effects in breast cancer cells proliferation inhibition. P. Reboredo-Rodríguez, E. Guisantes, F. Giampieri, T. Y. Forbes-Hernández, M. Gasparri, S. Afrin, **D. Cianciosi**, A. Varela-López, C. González-Barreiro, B. Cancho-Grande, J. Simal-Gándara, G. Fregapane, M. D. Salvador, M. Battino. .

• **15th International Conference, Bioactive lipids in cancer, inflammation, and related disease, 22-25 Ottobre 2017, Puerto Vallarta (Messico), con presentazione di 3 Abstract e Poster:**

1) Strawberry methanolic extract inhibits adipogenesis in 3T3-L1 mouse embryo fibroblasts cells. Battino M, Giampieri F, Gasparri M, Afrin S, Reboredo-Rodriguez P, **Cianciosi D**, Varela-Lopez A, Dzul-Lopez L, Forbes-Hernandez TY;

2) Phenolic extracts of extra virgin olive oils suppress the proliferation of MCF-7 breast cancer cells. Battino M, Giampieri F, Forbes-Hernandez TY, Gasparri M, Afrin S, **Cianciosi D**, Varela-Lopez A, Dzul-Lopez L, Reboredo-Rodriguez P;

3) Strawberry enriched-diet counteracts oxidative stress and ameliorates lipid profile in rats stressed with lipopolysaccharide and doxorubicin. Battino M, Giampieri F, Forbes-Hernandez TY, Afrin S, **Cianciosi D**, Reboredo-Rodriguez P, Varela-Lopez A, Dzul-Lopez L, Gasparri M.

• **8th World Congress on Targeting Mitochondria, 23-24 Ottobre 2017, Berlino (Germania), con presentazione di 1 Abstract e Poster:**

Manuka honey inhibits colorectal metastasis LoVo cells growth through inducing intracellular reactive oxygen species accumulation and disrupting mitochondrial respiration and glycolysis. Afrin S, Giampieri F Forbes-Hernández TY, Gasparri M, **Cianciosi D**, Reboredo-Rodriguez P, Varela-Lopez A, Battino M.

- **3rd International Conference on Natural Products Utilization, From Plants to Pharmacy Shelf, 18-21 Ottobre 2017, Bansko (Bulgaria), con presentazione di 2 Abstract e Poster:**

1) Manuka honey triggers human colon cancer HCT-116 cells growth inhibition through inducing oxidative and endoplasmic reticulum stress, and modulating mitochondrial respiration and glycolysis. Afrin S, Reboredo-Rodriguez P, Giampieri F, Forbes-Hernández TY, Gasparri M, **Cianciosi D**, Varela-López A, Ariza MT, González-Barreiro C, Cancho-Grande B, Simal-Gándara J, Battino M;

2) Phenolic extracts of galician extra virgin olive oils inhibit cell proliferation, promote apoptosis and ROS production in MCF-7 breast cancer cells. Reboredo-Rodríguez P, Afrin S, González-Barreiro C, Cancho-Grande B, Giampieri F, Forbes-Hernández TY, Gasparri M, **Cianciosi D**, Ariza MT, Varela-López A, Simal-Gándara J, Battino M.

- **10th MiPschool Obergurgl 2017. COST Action CA15203 MITO-EAGLE Training School. Obergurgl, Tyrol, Austria July 23 – 27, 2017 con presentazione di 6 Abstract e Poster.**

1) The reduction of mitochondrial functionality by a strawberry extract: a mechanism that contributes to its lipid-lowering effect? Forbes-Hernández, T.Y.; Gasparri, M., Afrin, S., Reboredo, P., **Cianciosi, D.**, Varela-López, A., Giampieri, F., Battino, M.

2) Protective effect of a polyphenol-rich strawberry extract on oxidative and endoplasmic reticulum stresses in HepG2 cell line. Reboredo, P., Forbes-Hernández, T.Y., Gasparri, M., Afrin, S., **Cianciosi, D.**, Varela-López, A., Giampieri, F., Battino, M.

3) Mitochondrial function impairment after Duxorubicin treatment is attenuated by strawberry intake in old and young rats. Varela-López, A., Forbes-Hernández, T.Y., Gasparri, M., Afrin, S., Reboredo, P., **Cianciosi, D.**, Giampieri, F., Battino, M.

4) Induction of mitochondrial dysfunction by Manuka honey as a strategy for prevention of colon cancer in vitro model: a rising role on reactive oxygen species, apoptosis, and cell metabolism Afrin, S., Forbes-Hernández, T.Y., Gasparri, M., Reboredo, P., **Cianciosi, D.**, Varela-López, A., Giampieri, F., Battino, M.

5) Strawberry extract protects human dermal fibroblasts against oxidative stress and improves mitochondrial functionality. Giampieri, F., Forbes-Hernández, T.Y., Gasparri, M., Afrin, S., Reboredo, P., **Cianciosi, D.**, Varela-López, A., Battino, M.

- 6) Anti-inflammatory effects of strawberry and honey extracts in RAW 264.7 macrophages stressed with LPS. Gasparini, M., Forbes-Hernández, T.Y., Afrin, S., Reboredo, P., **Cianciosi, D.**, Varela-López, A., Giampieri, F., Battino, M.
- **2nd INTERNATIONAL CONFERENCE ON FOOD BIOACTIVES & HEALTH” tenutosi a Lisbona (Portogallo) il 26-28 Settembre 2018 con presentazione di 1 Abstract e Poster:**
Chemopreventive effects of natural compounds in human breast and colon cancer cells by inducing apoptosis and intracellular reactive oxygen species accumulation. Afrin S., Reboredo-Rodriguez P., Giampieri F., Forbes-Hernández T.Y., Gasparini M., **Cianciosi D.**, Zhang J., Varela-Lopez A., Battino M.
 - **8th Berry Health Benefits Symposium 2019, tenutosi a Portland, USA il 7-9 Maggio 2019 con presentazione di 2 Abstract e Poster:**
 - 1) Strawberry enriched-diet counteracts oxidative stress and inflammation in rats stressed with lipopolysaccharide. Giampieri F., Forbes-Hernández T.Y., **Cianciosi D.**, Zhang J., Ansary J.
 - 2) Strawberry methanolic extract inhibits adipogenesis in 3T3-L1 mouse embryo fibroblast cells. Forbes-Hernández T.Y., Giampieri F., **Cianciosi D.**, Zhang J., Ansary J., Battino M.