UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA"
DIPARTIMENTO DI BIOLOGIA
LABORATORIO DI ONCOLOGIA SPERIMENTALE E ISTOLOGIA

CONVEGNO NAZIONALE PALLAVOLO

NOTEVOLE RIDUZIONE DEI RADICALI LIBERI

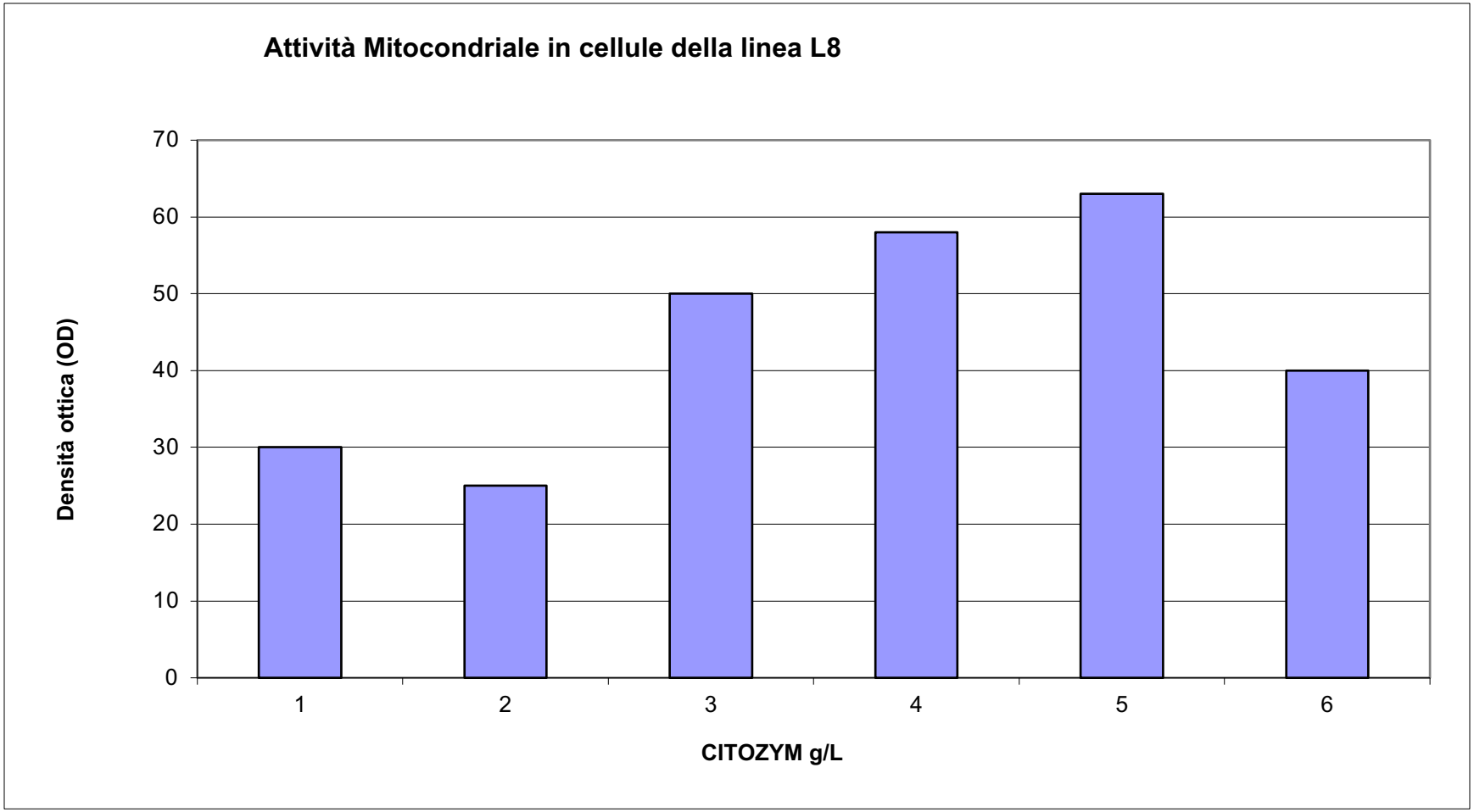
E AUMENTO DEGLI ENZIMI ANTIRADICALI

PALAROSSINI ANCONA 02/10/10

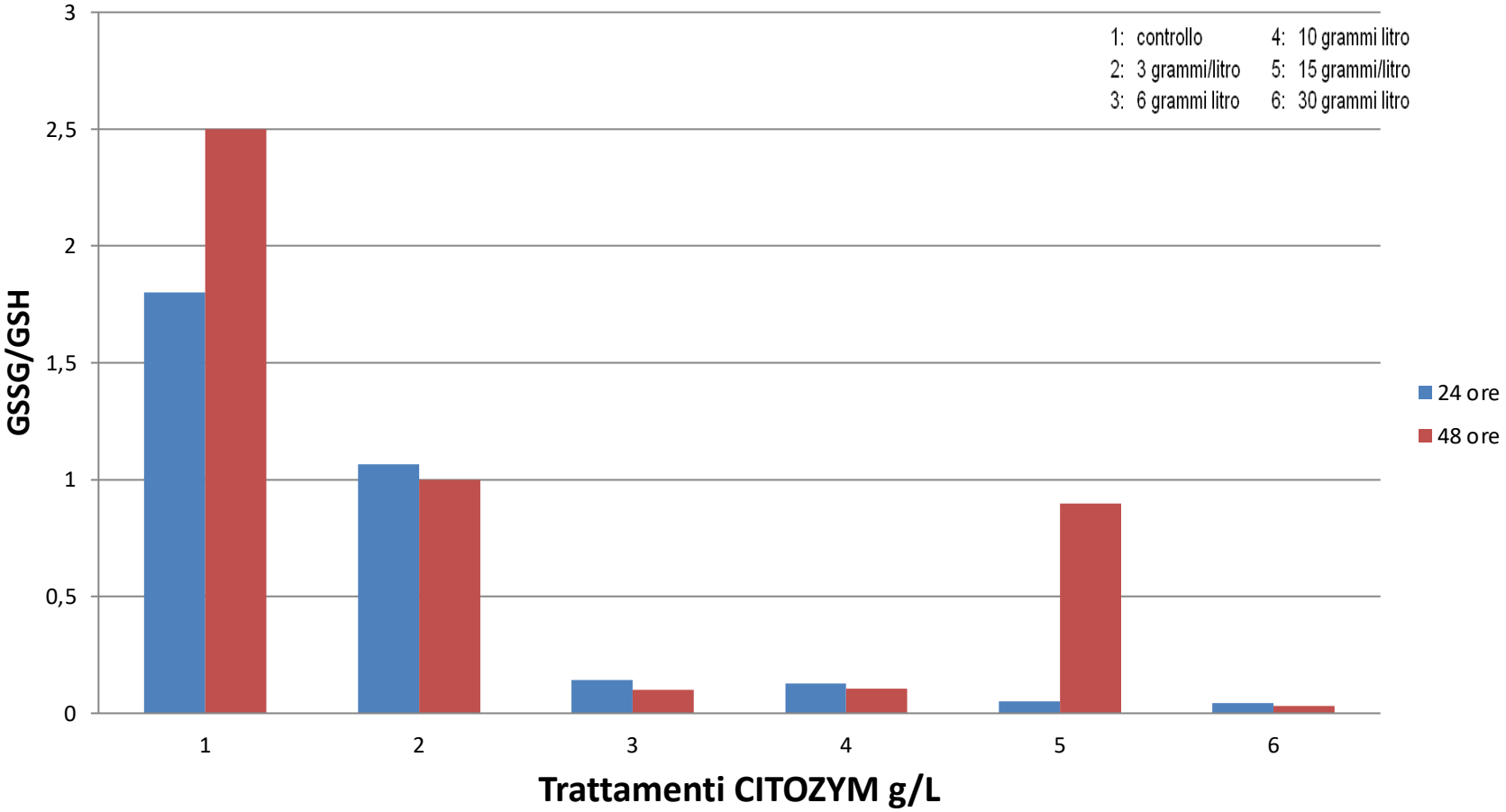
Prof. Vittorio Colizzi

Attività Mitocondriale in cellule di muscolo striato (L8)

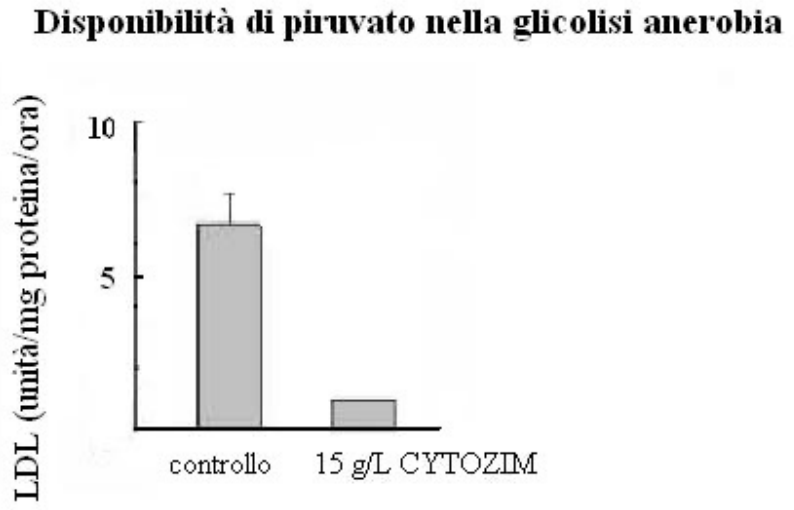
1: controllo
2: 3 grammi/litro
3: 6 grammi litro
4: 10 grammi litro
5: 15 grammi/litro
6: 30 grammi litro

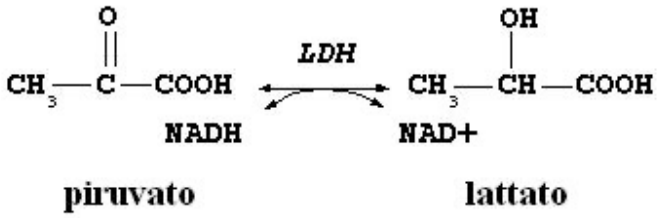


Livelli di stress ossidativo in cellule CHO (cavia)



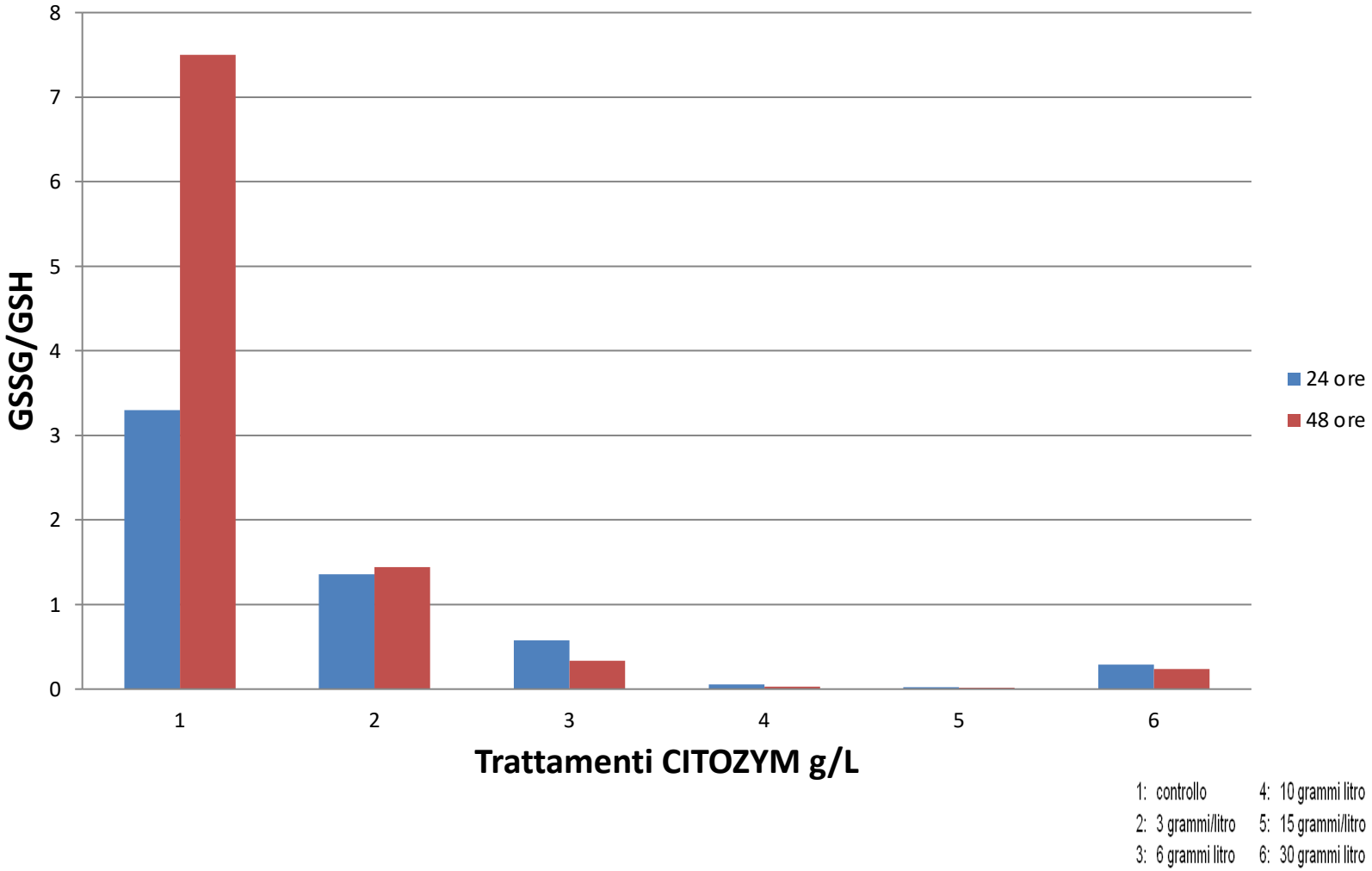
Disponibilità di piruvato per il catabolismo glucidico



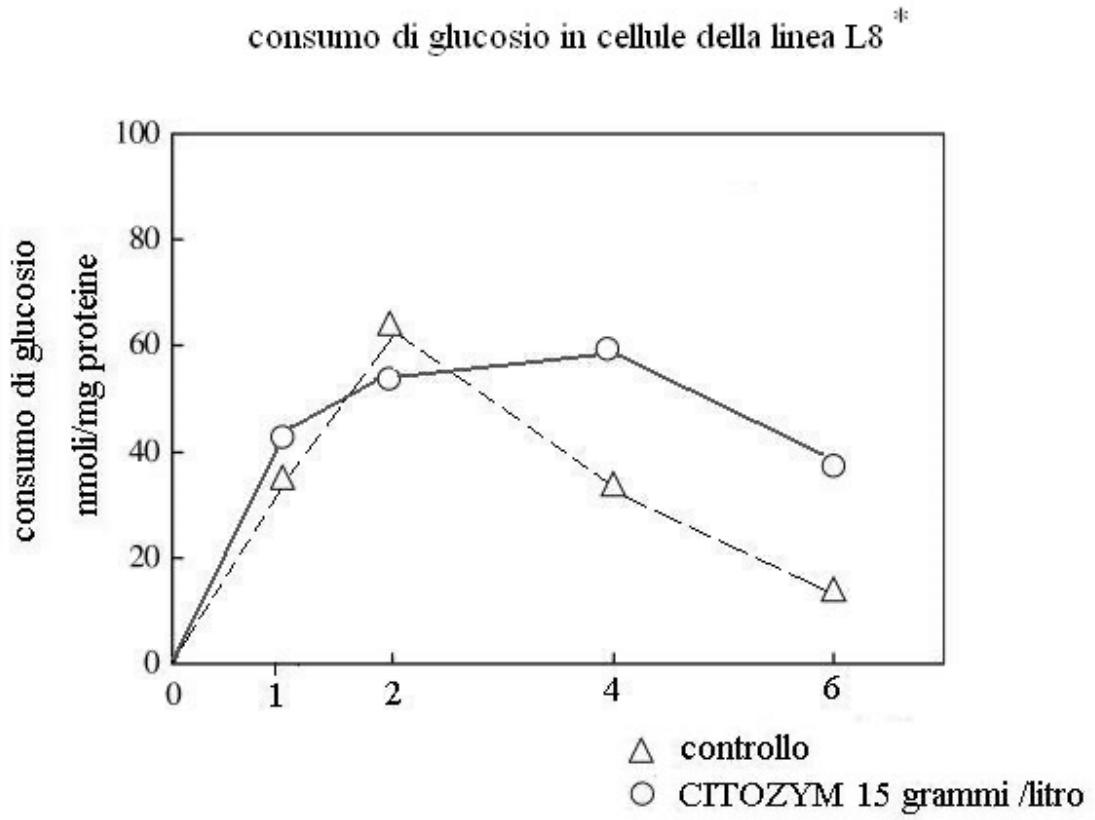


Cellule di muscolo striato L8

Livelli di stress ossidativo in cellule NIH3T3 (umane)

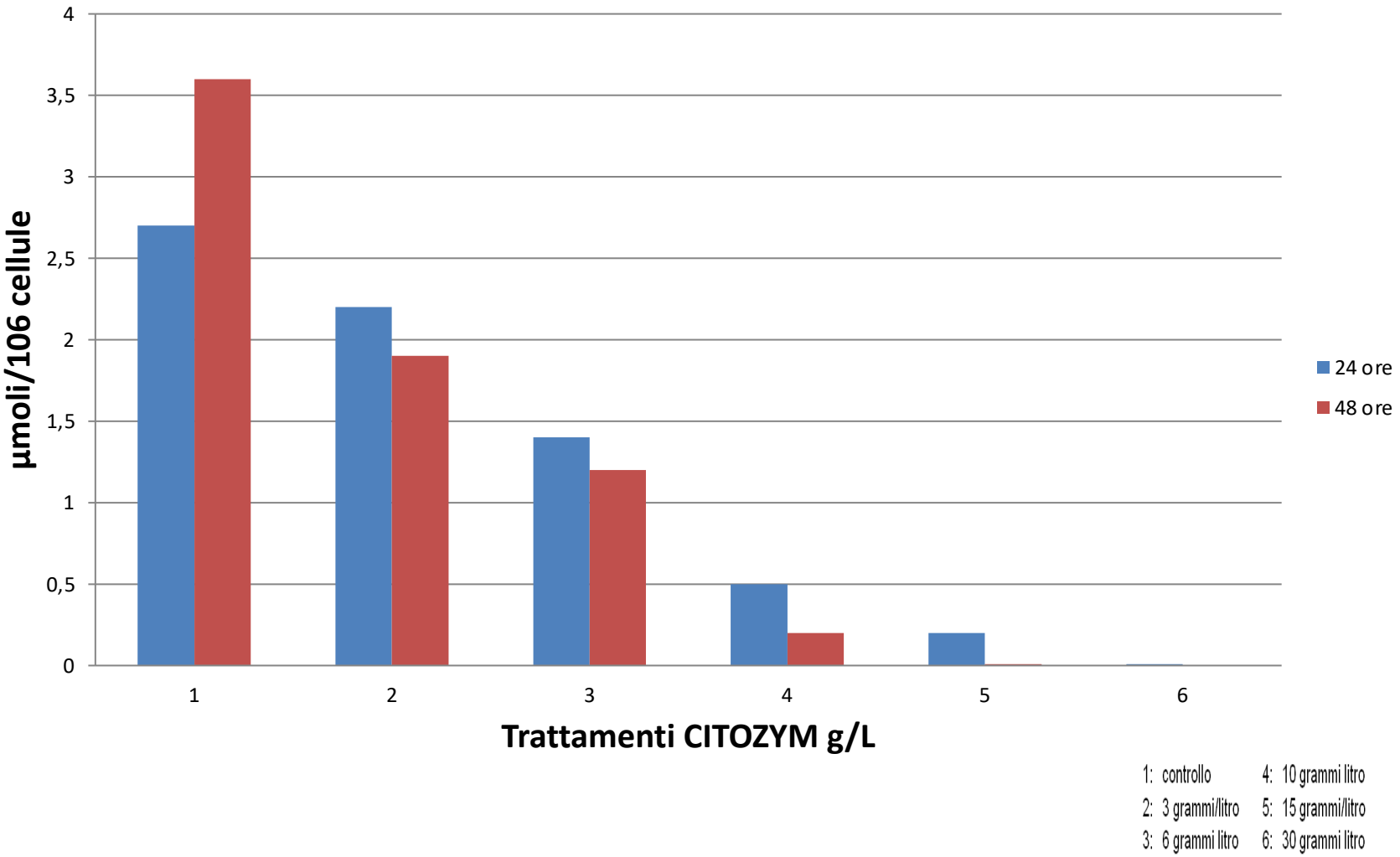


Aumentata utilizzazione del glucosio in cellule di muscolo striato (L8)

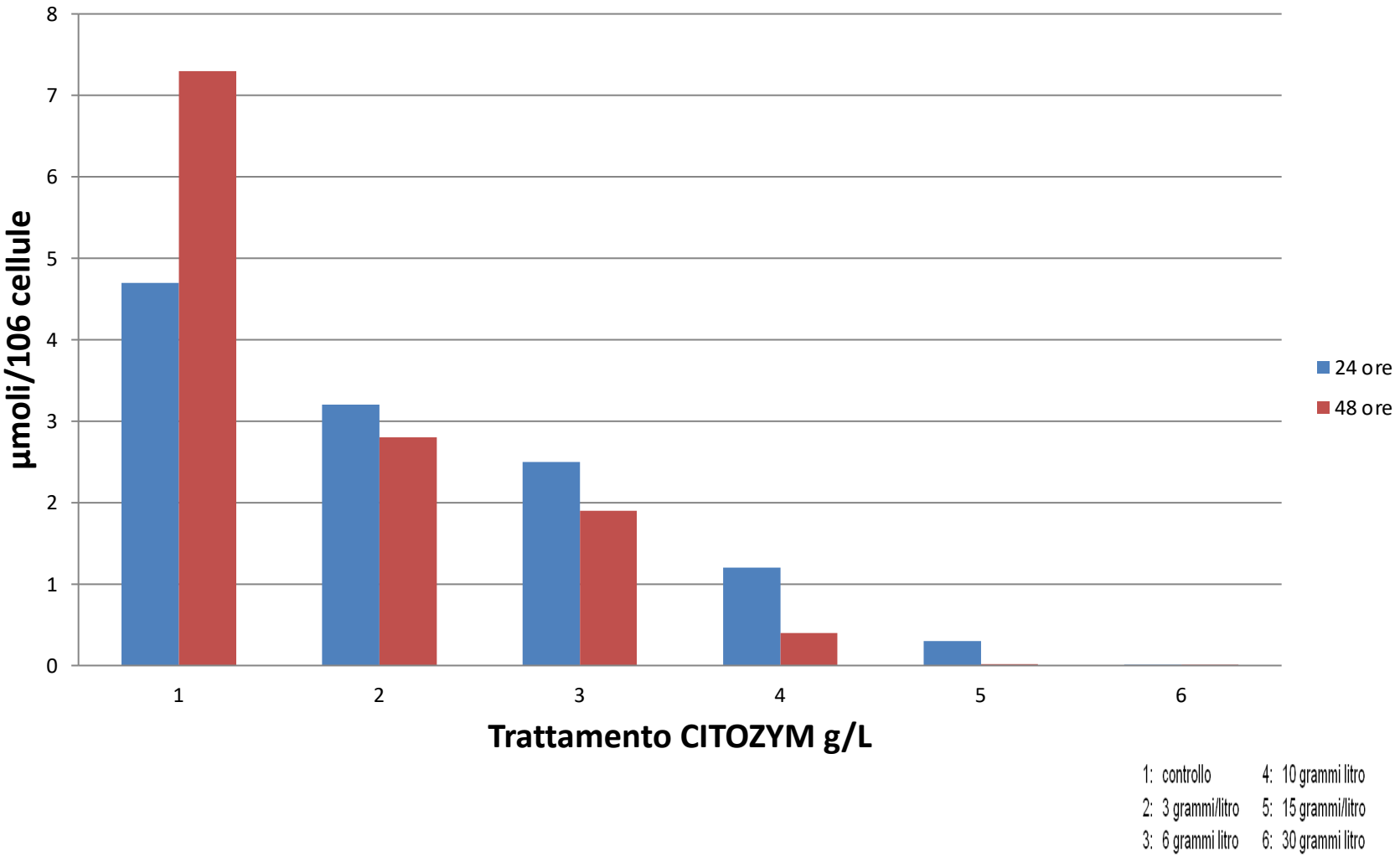


* L8 ATTC n. CRL-1769 muscolo scheletrico di ratto

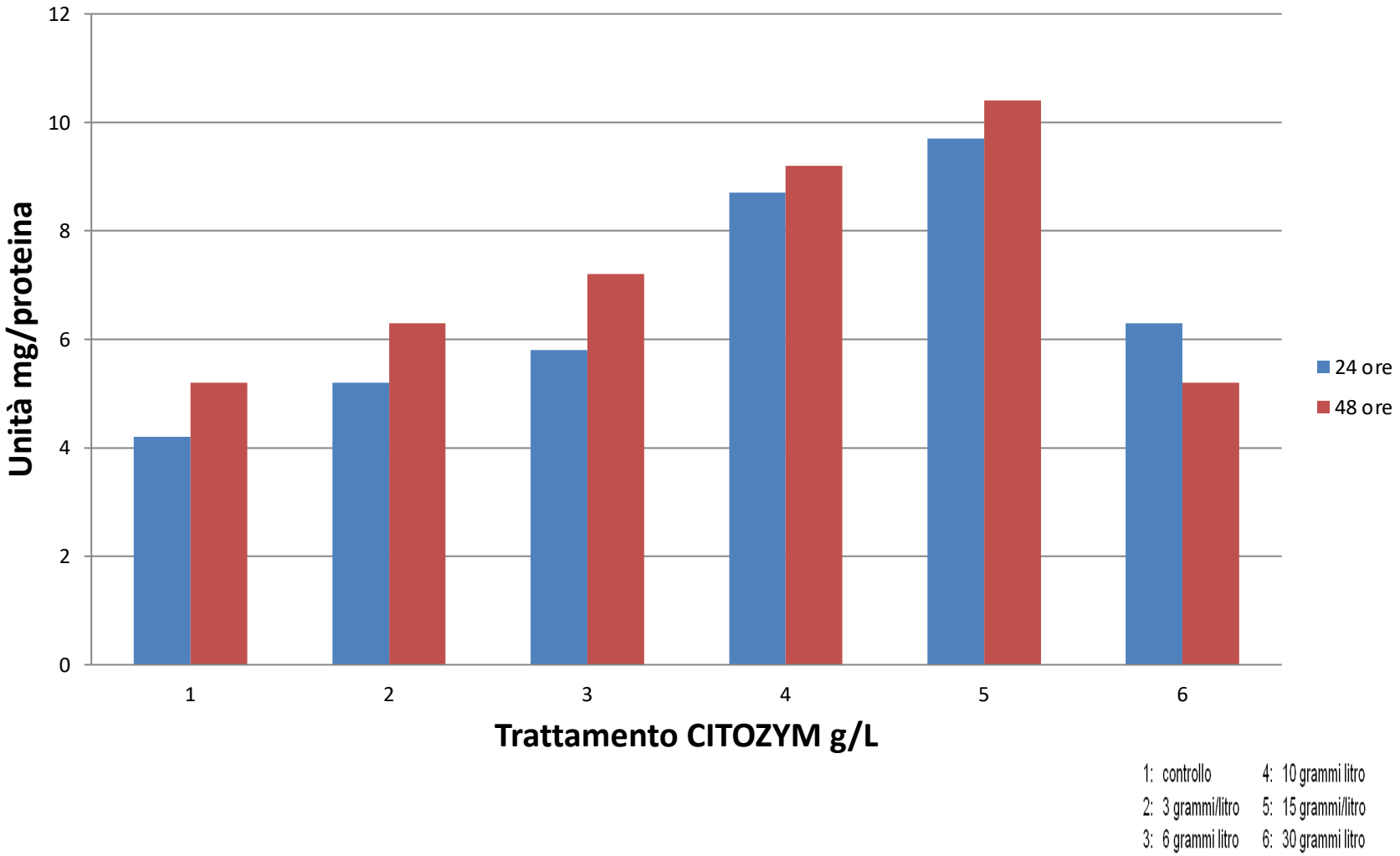
Livello di ROS in cellule CHO



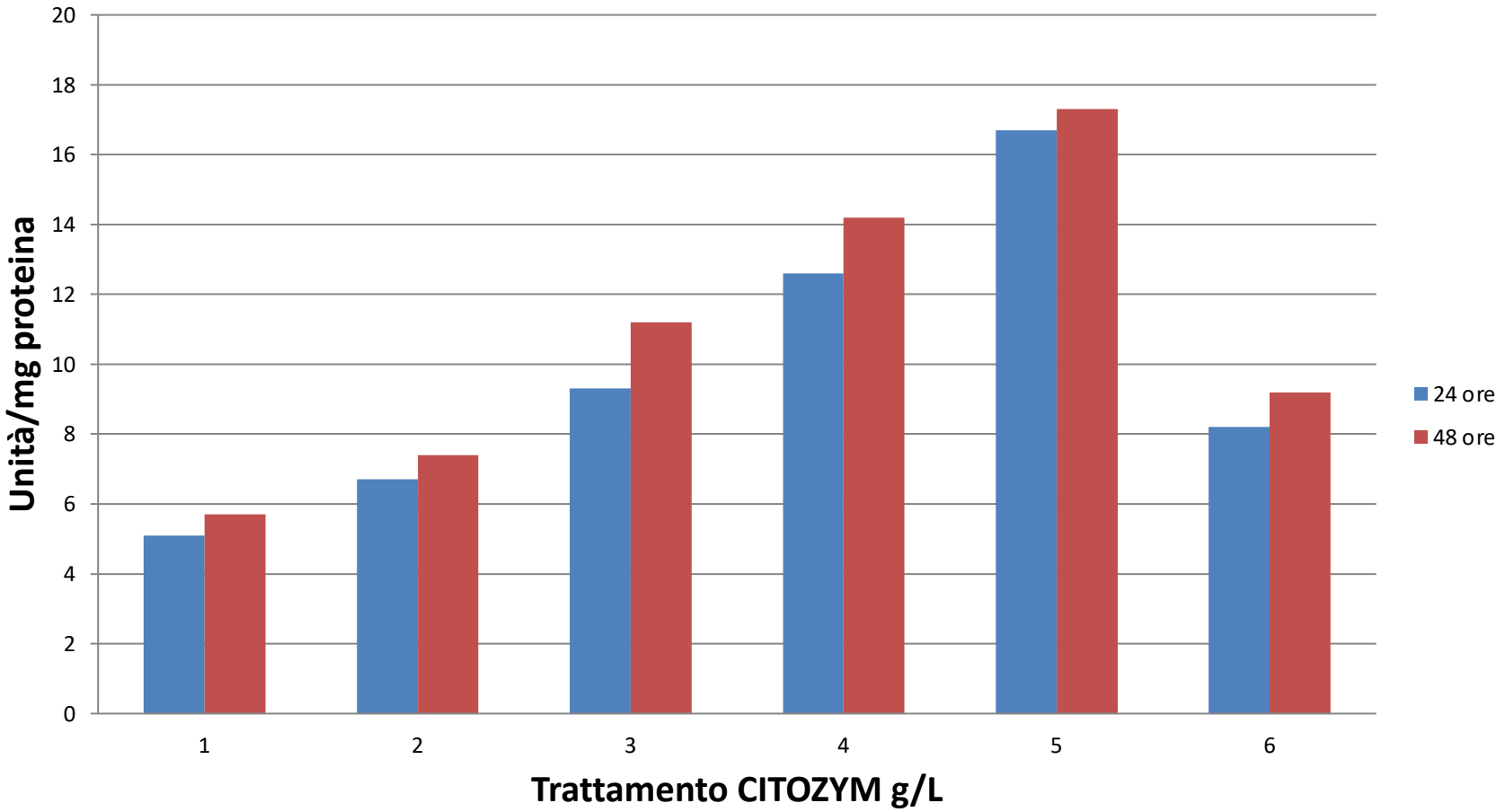
Livello di ROS in cellule Umane (NIH3T3)



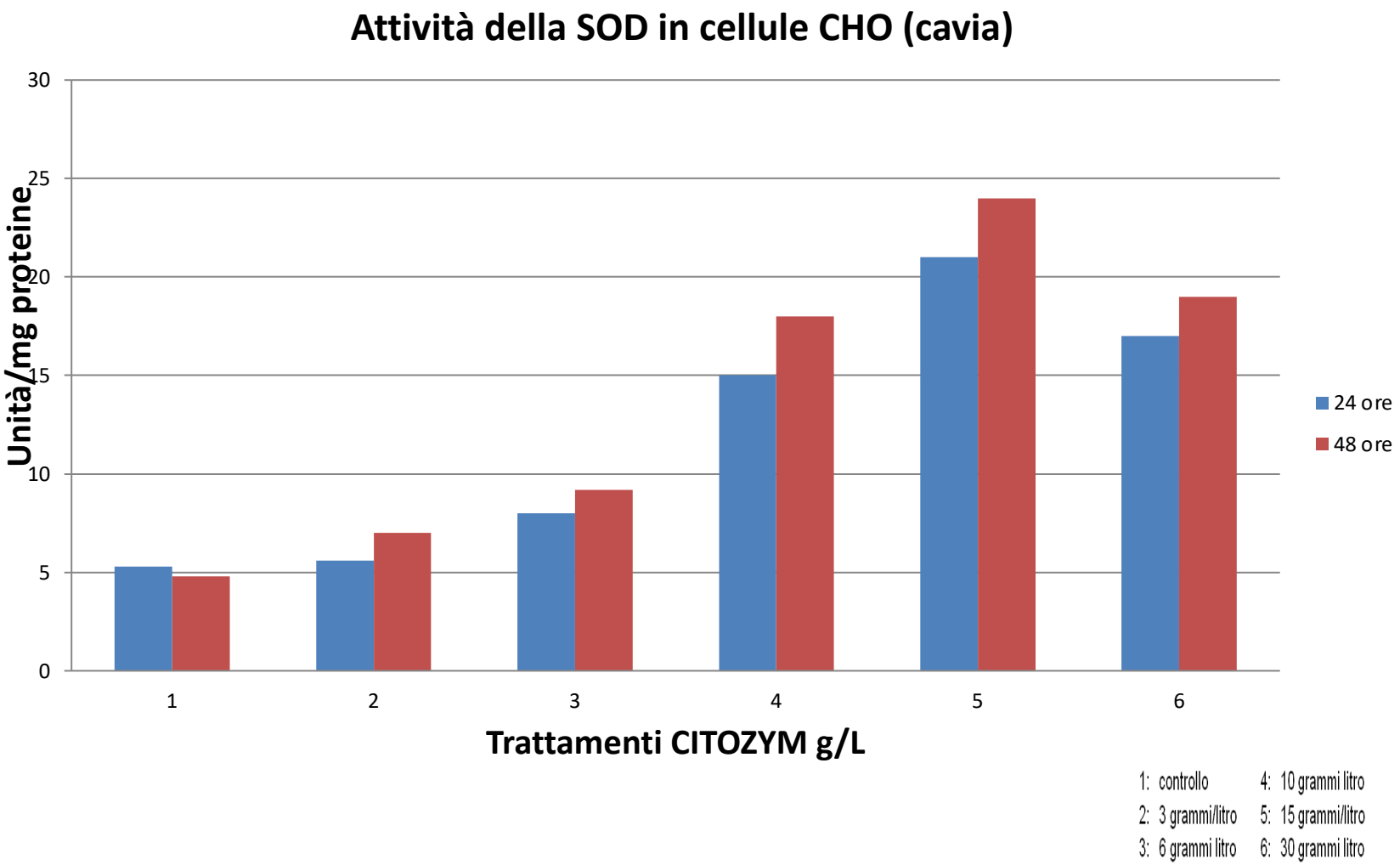
Attività Catalasi (CAT) in cellule CHO



Attività Catalasi (CAT) in cellule umane (NIH3T3)



Attività SOD in cellule CHO



Attività della SOD in cellule umane

