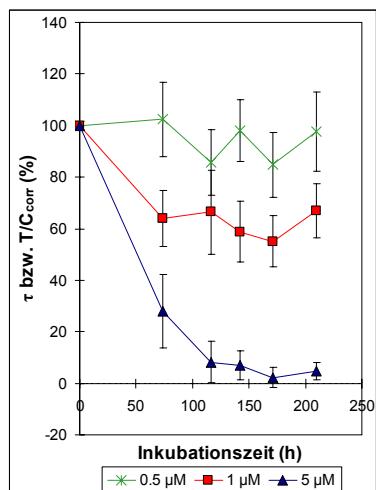


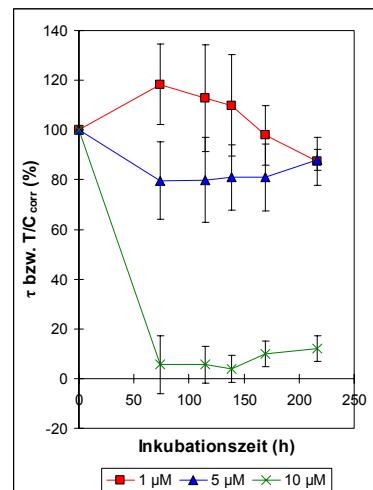
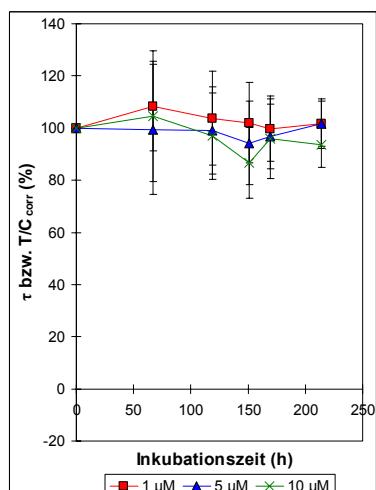
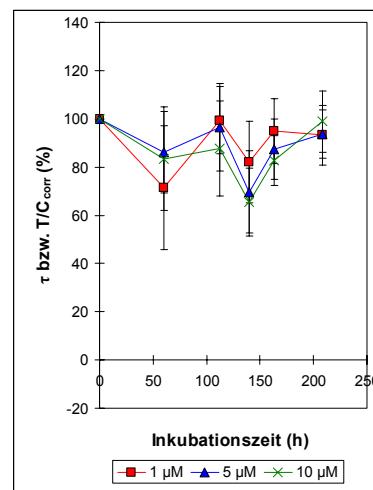
12 Anhang

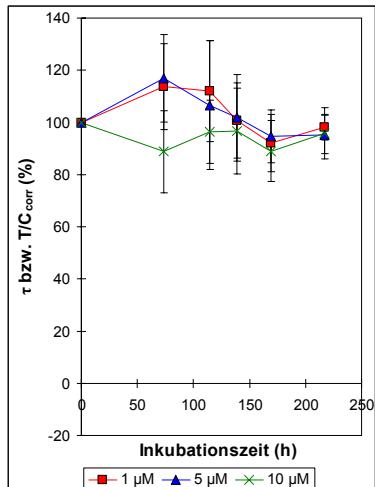
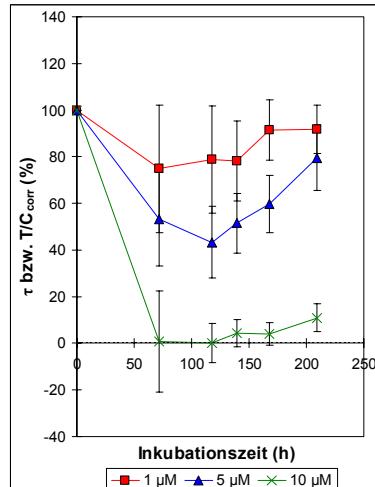
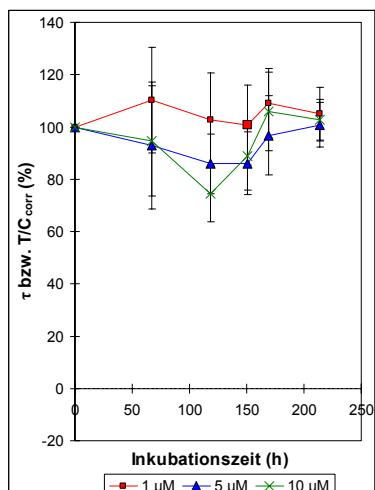
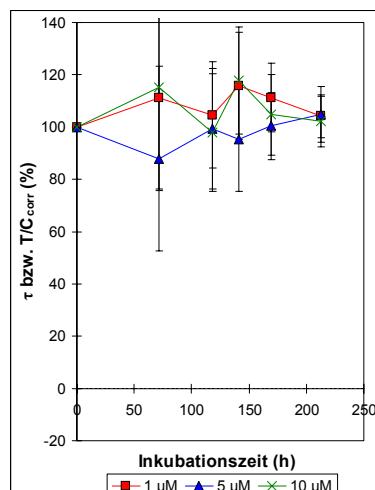
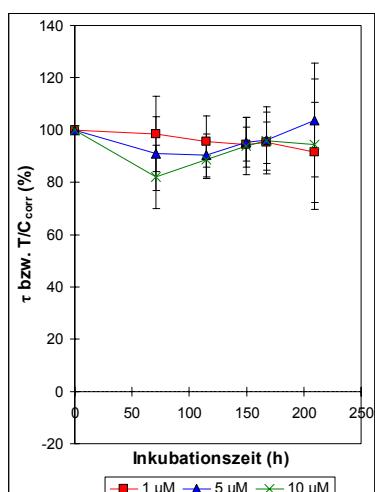
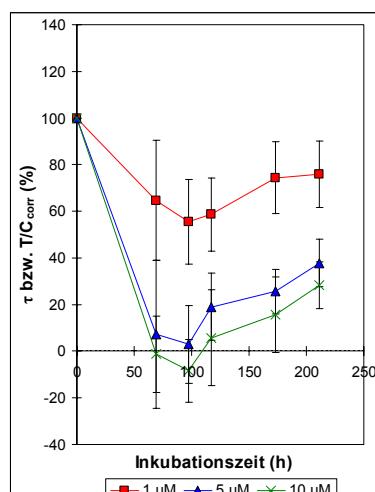
12 Anhang

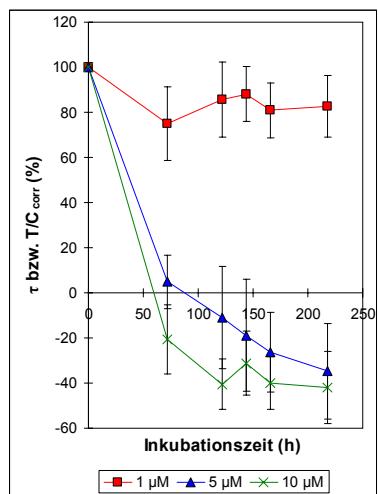
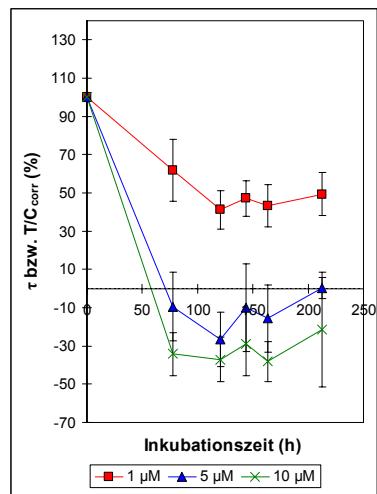
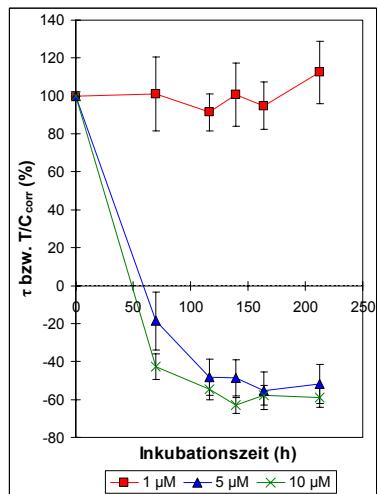
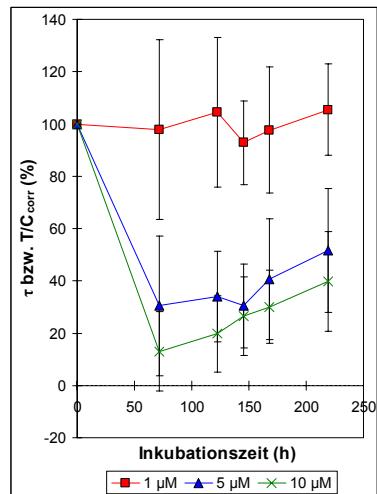
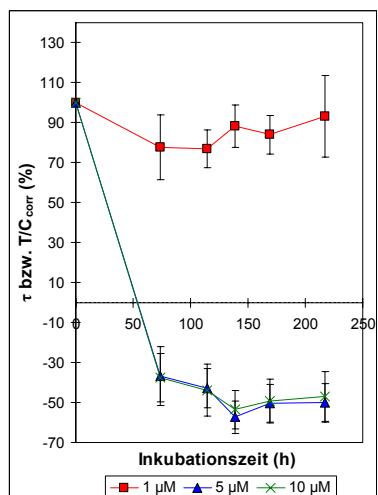
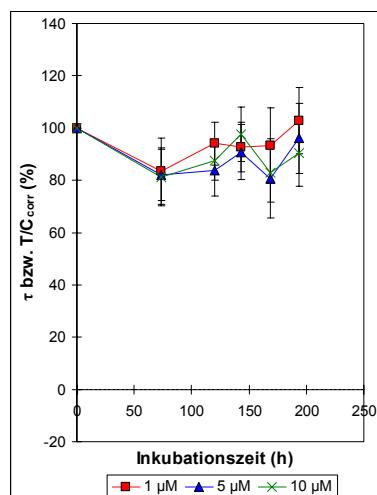
12.1 Zeitabhängige Zytotoxizitätstestung an der MCF7-Zelllinie

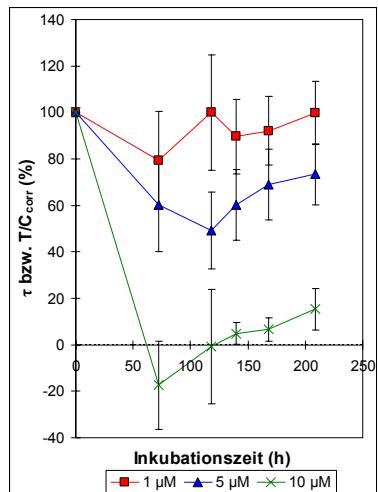
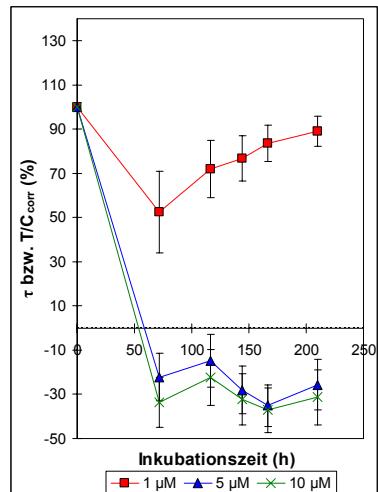
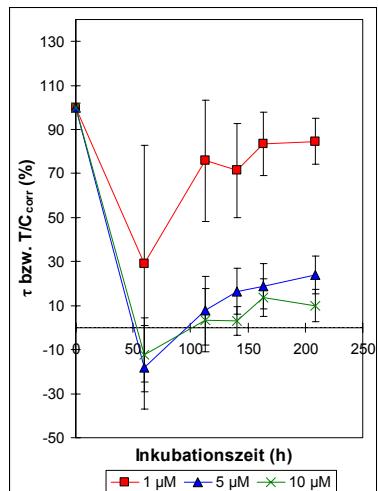
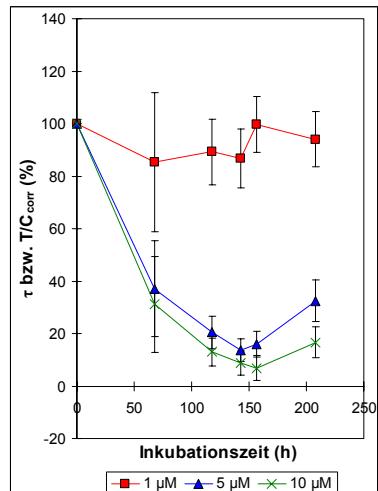
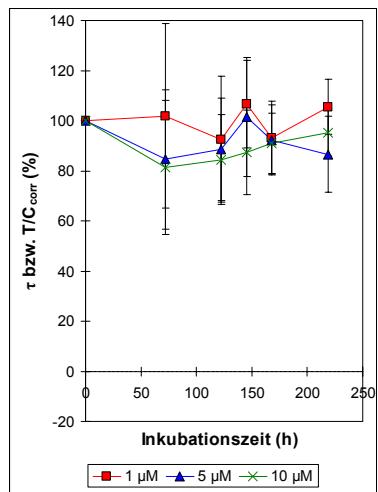
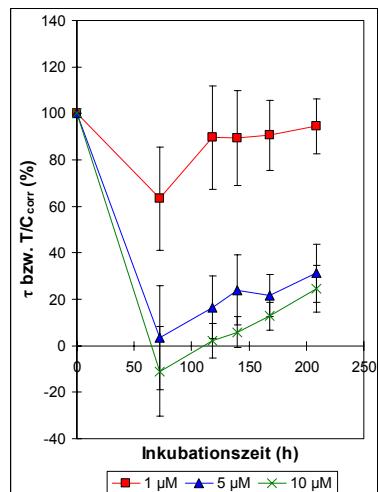


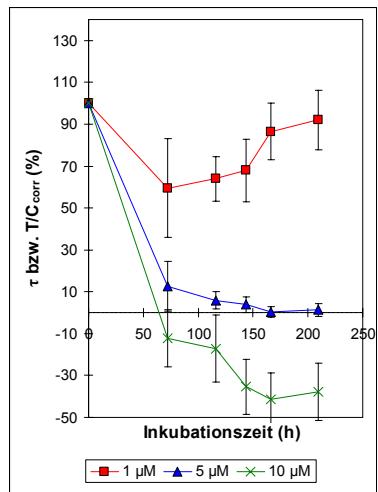
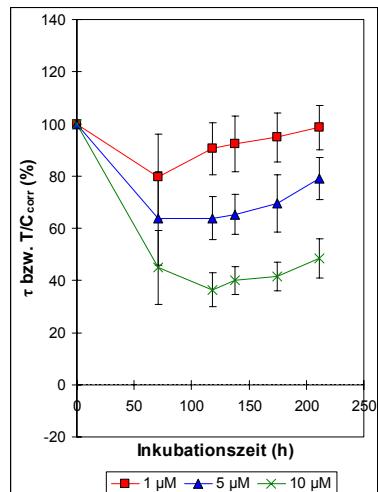
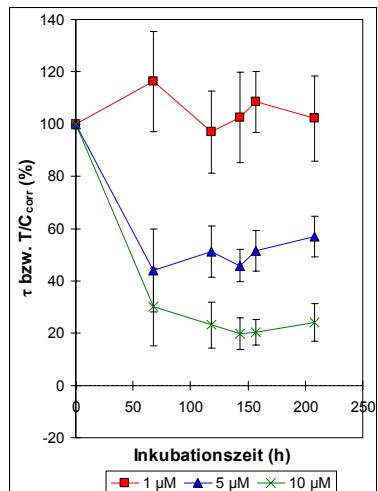
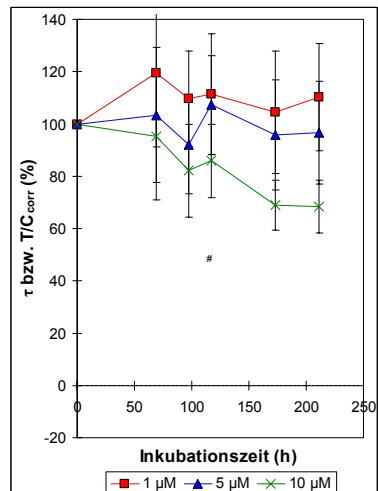
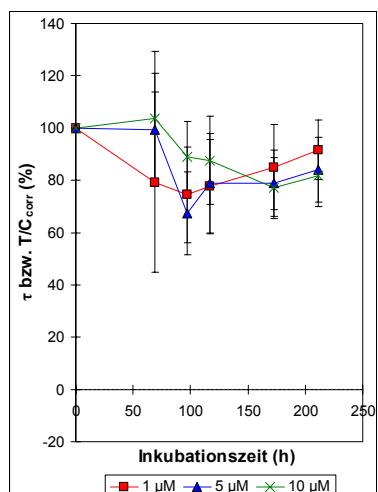
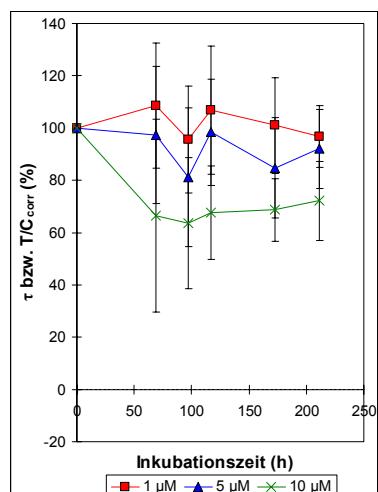
Cisplatin

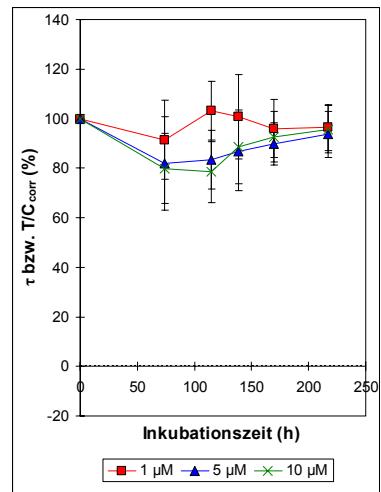
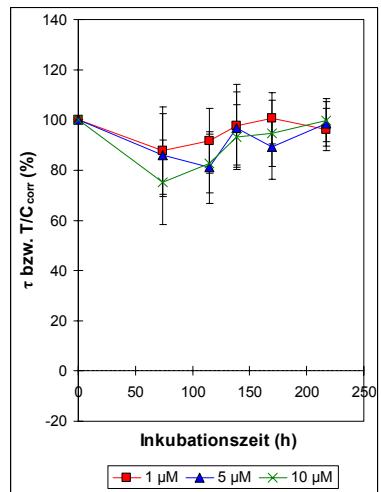
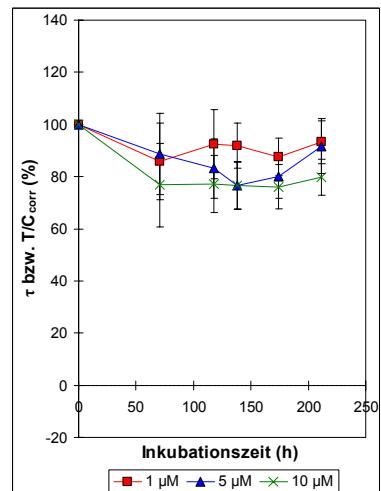
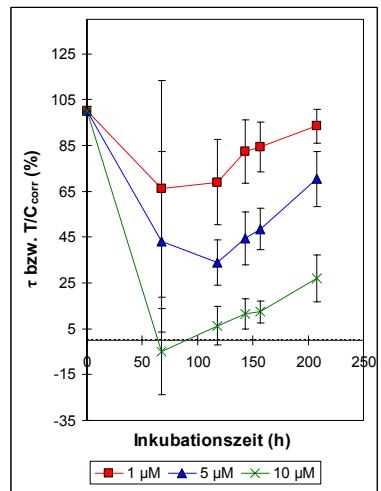
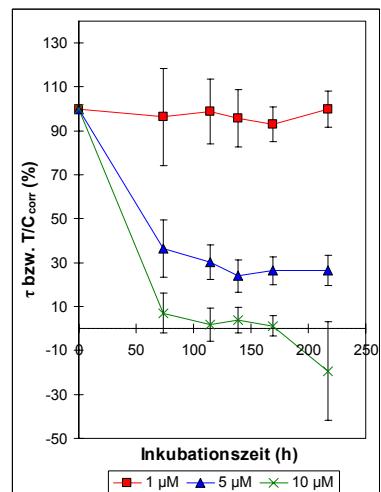
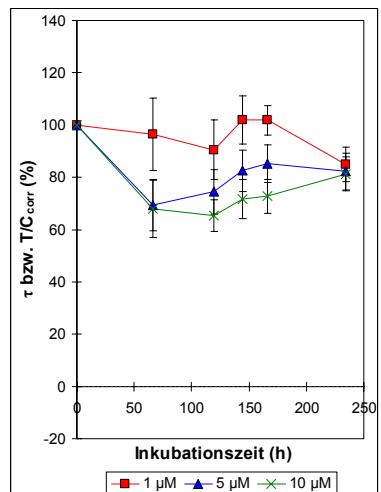
[Fe^{II}]salen (81)[Fe^{II}(3OH) salen] (82)[Fe^{II}(4OH) salen] (83)

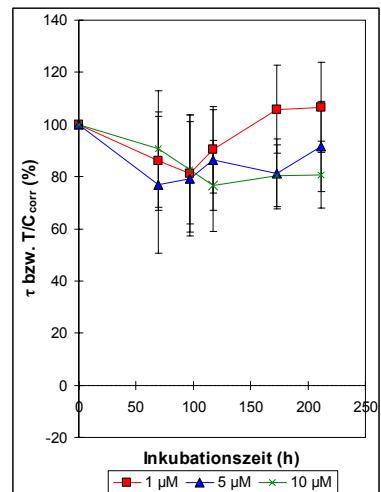
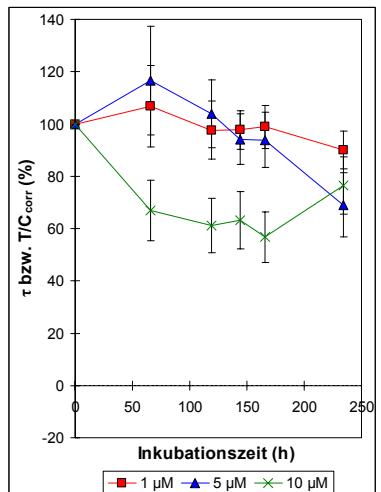
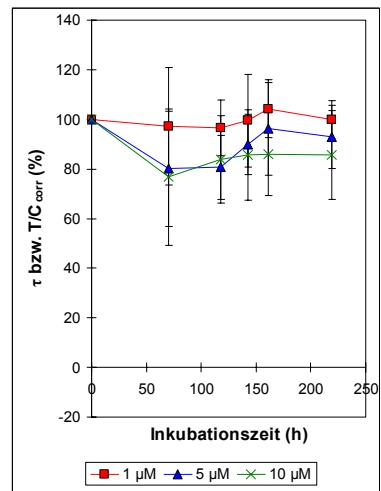
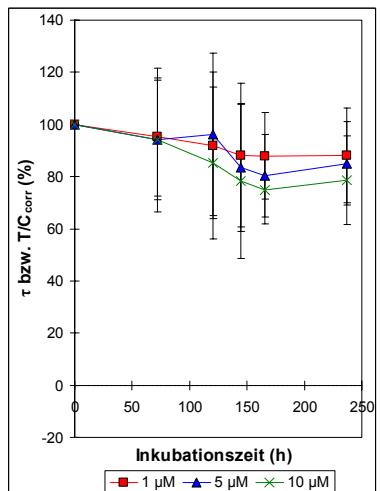
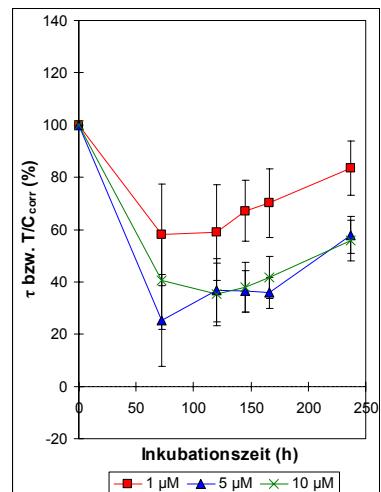
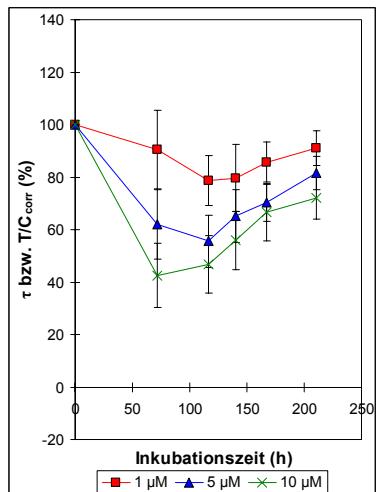
[Fe^{II}(5OH)salen] (84)[Fe^{III}(salen)Cl] (85)[Fe^{III}(3OH)salen]Cl (86)[Fe^{III}(4OH)salen]Cl (87)[Fe^{III}(5OH)salen]Cl (88)m[Fe^{II}DPS] (89m)

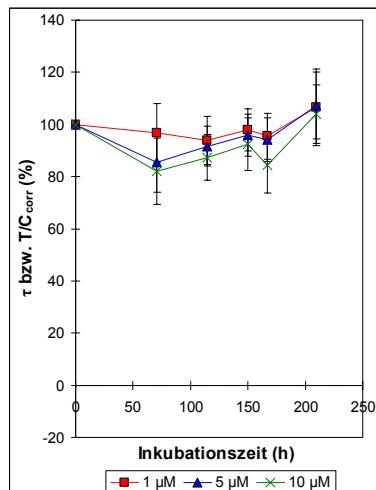
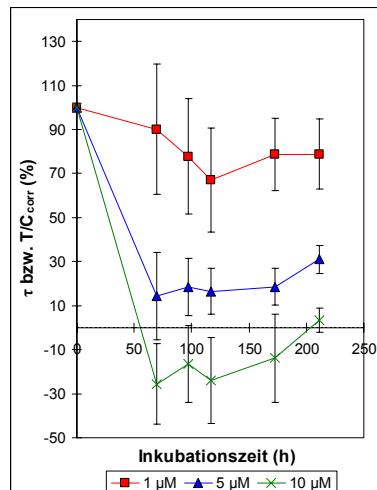
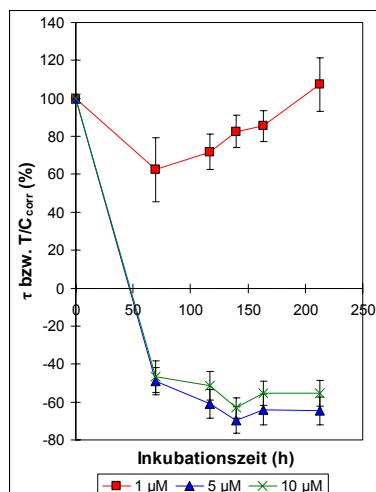
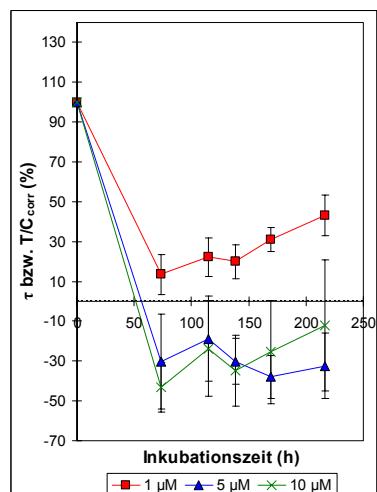
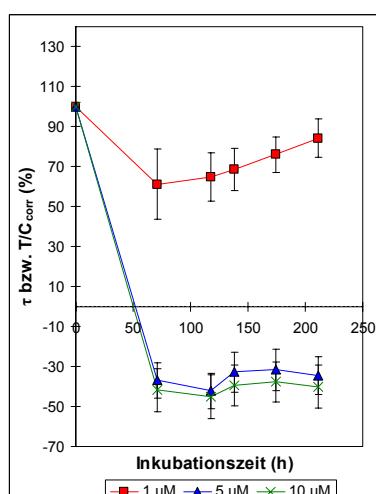
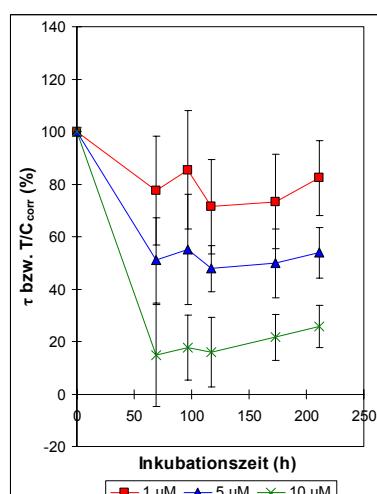
*d,l/[Fe^{II}]DPS (89d,I)**m[Fe^{III}]DPSCl (90m)**d,l/[Fe^{III}]DPSCl (90d,I)**m[Fe^{II}2'OCH₃] (91m)**d,l/[Fe^{II}2'OCH₃] (91d,I)**m[Fe^{II}(3OH)2'OCH₃] (92m)*

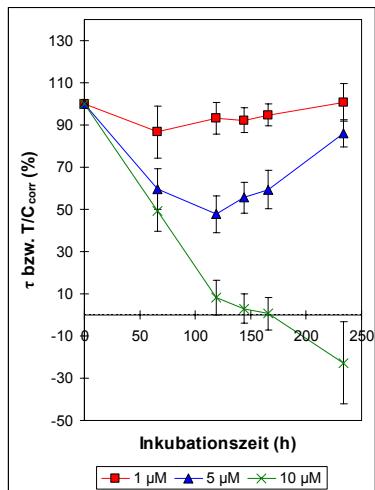
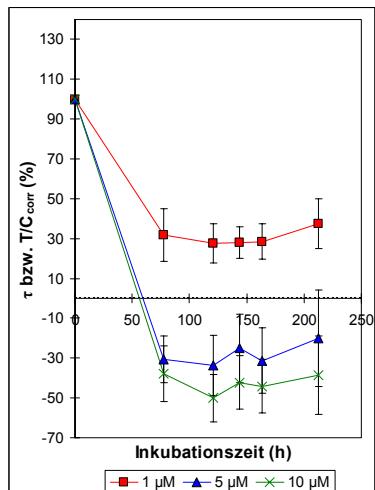
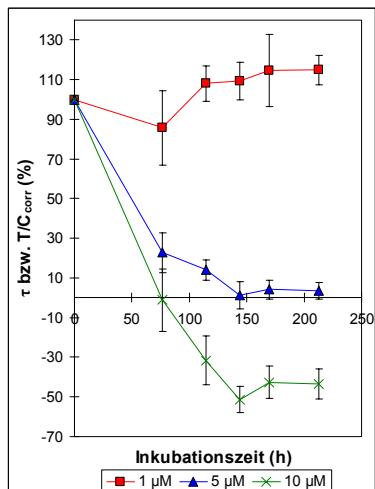
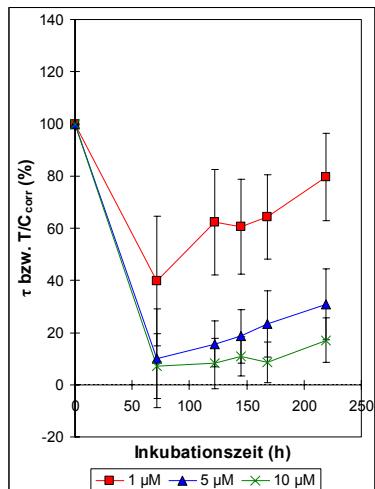
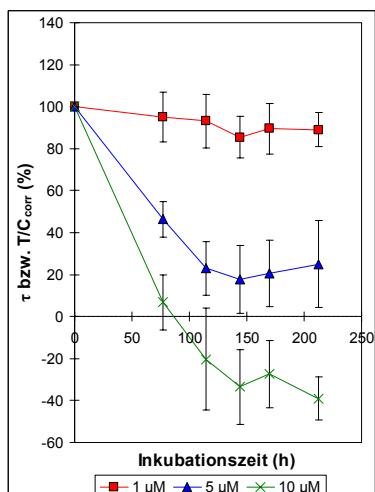
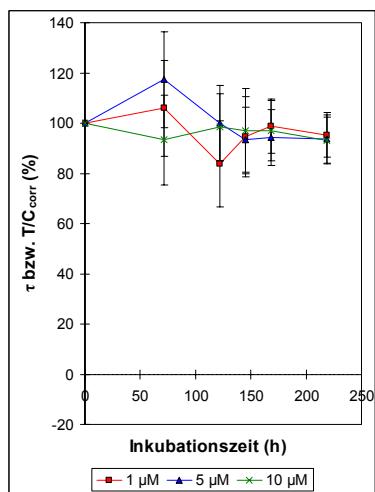
 $m[\text{Fe}^{\text{III}}2'\text{OCH}_3]\text{Cl}$ (93m) $d,[\text{Fe}^{\text{III}}2'\text{OCH}_3]\text{Cl}$ (93d,l) $m[\text{Fe}^{\text{II}}3'\text{OCH}_3]$ (94m) $d,[\text{Fe}^{\text{II}}3'\text{OCH}_3]\text{Cl}$ (94d,l) $m[\text{Fe}^{\text{II}}(\text{3OH})3'\text{OCH}_3]$ (95m) $m[\text{Fe}^{\text{III}}3'\text{OCH}_3]\text{Cl}$ (96m)

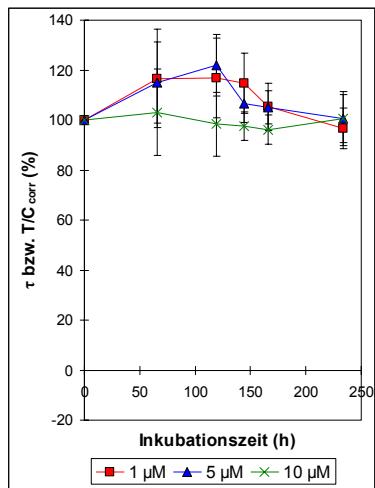
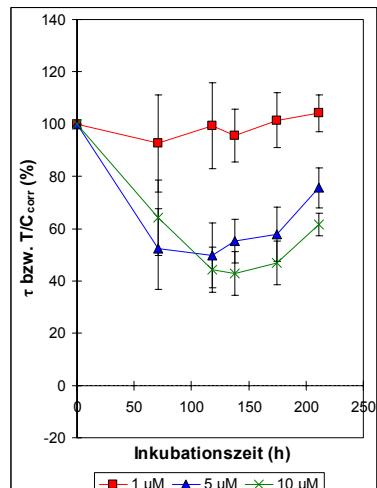
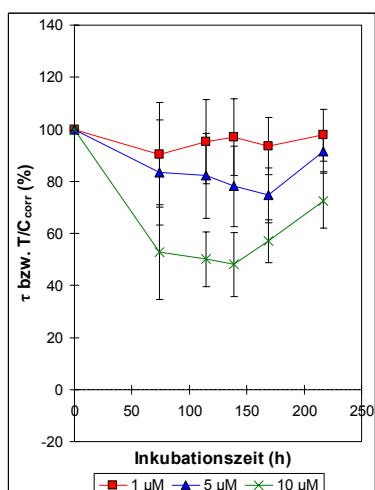
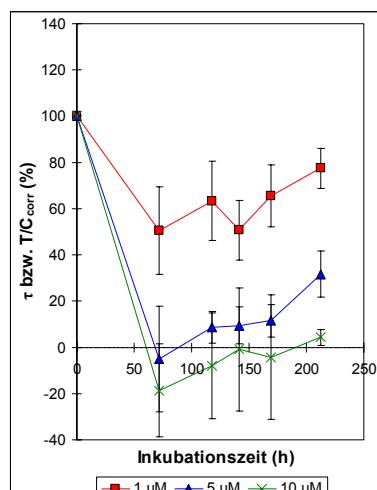
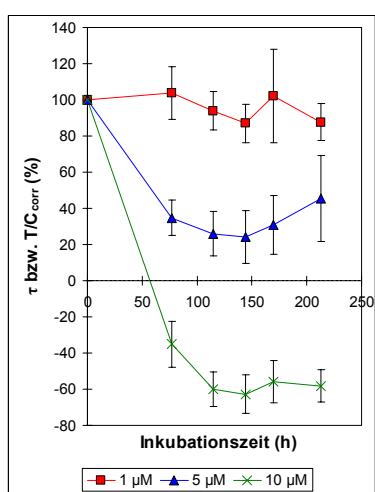
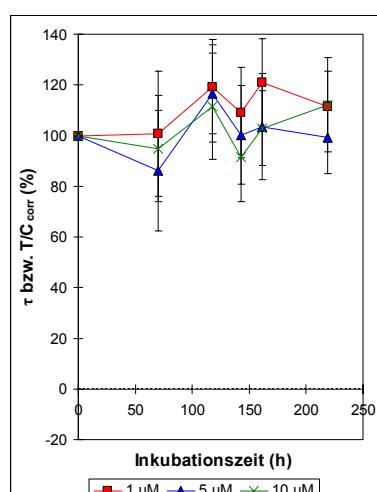
*d,l*-[Fe^{III}(3'OCH₃)Cl] (**96d,l**)*m*[Fe^{II}(4'OCH₃)] (**97m**)*d,l*[Fe^{II}(4'OCH₃)] (**97d,l**)*m*[Fe^{II}(3OH) 4'OCH₃] (**98m**)*m*[Fe^{II}(4OH) 4'OCH₃] (**99m**)*m*[Fe^{II}(5OH) 4'OCH₃] (**100m**)

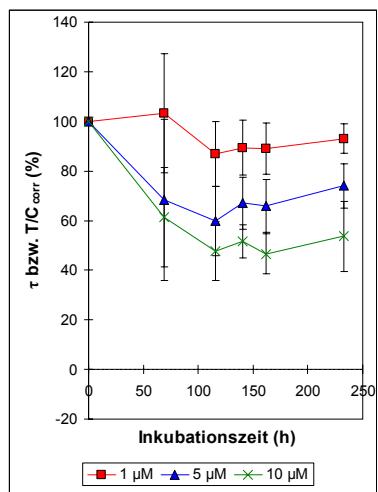
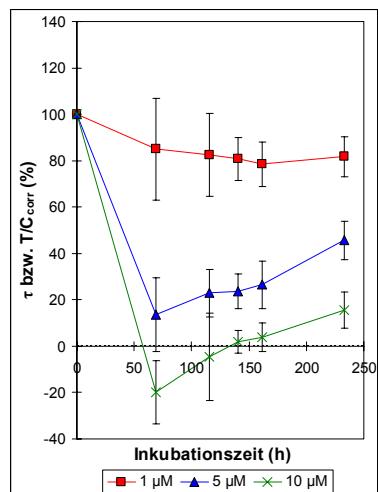
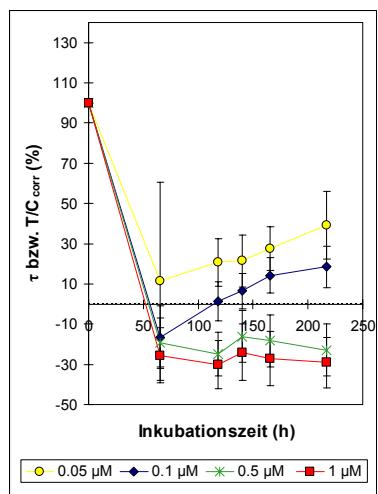
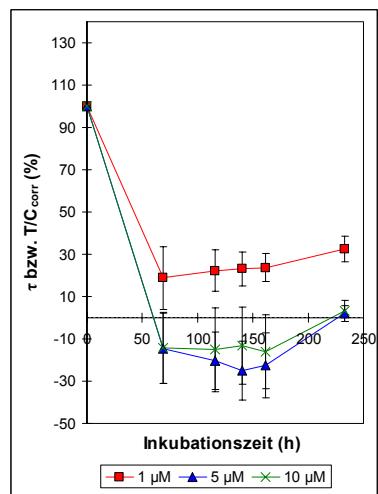
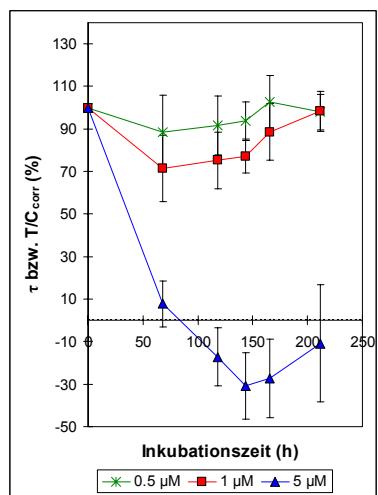
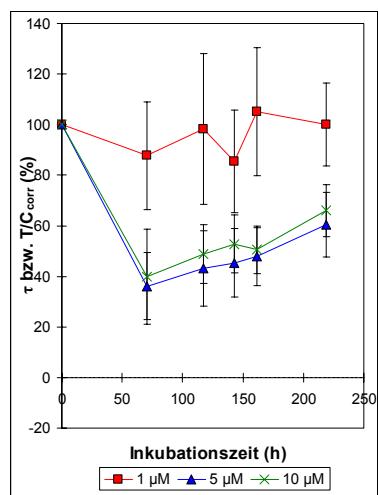
*m[Fe^{II}(3OCH₃)_{4'}OCH₃] (101m)**m[Fe^{II}(4OCH₃)_{4'}OCH₃] (102m)**m[Fe^{II}(5OCH₃)_{4'}OCH₃] (103m)**m[Fe^{III}4'OCH₃]Cl (104m)**d,l[Fe^{III}4'OCH₃]Cl (104d,l)**m[Fe^{III}(3OH)4' OCH₃]Cl (105m)*

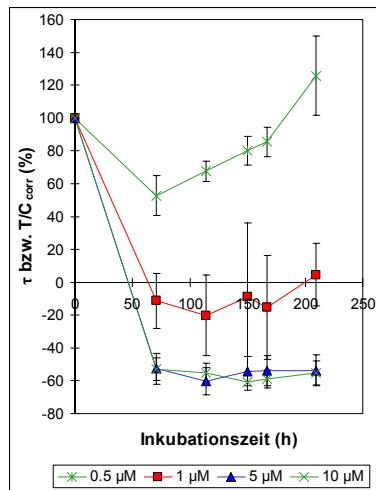
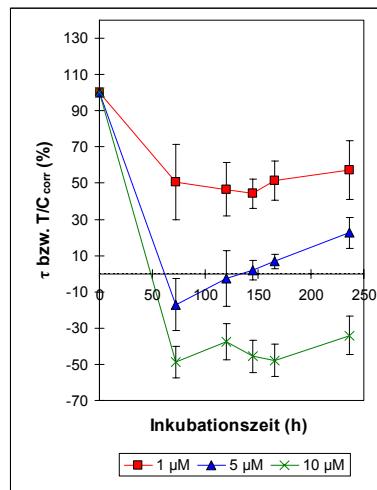
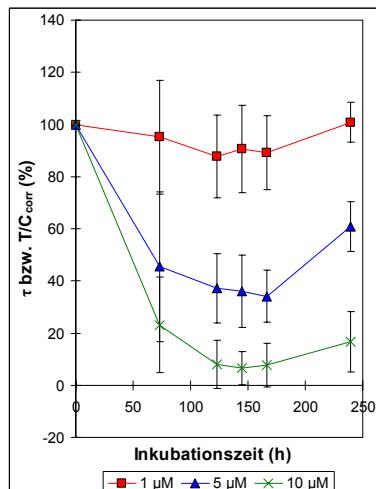
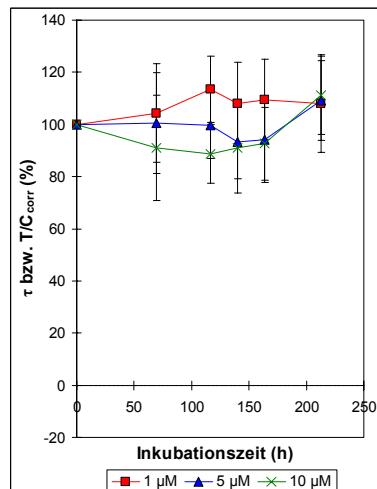
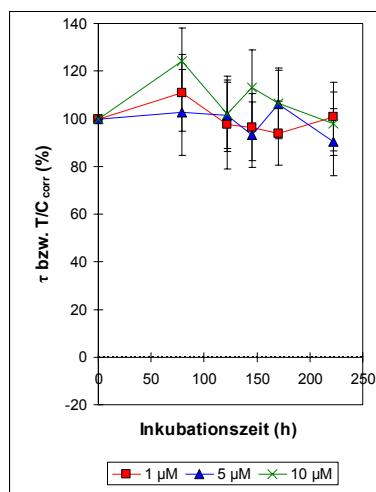
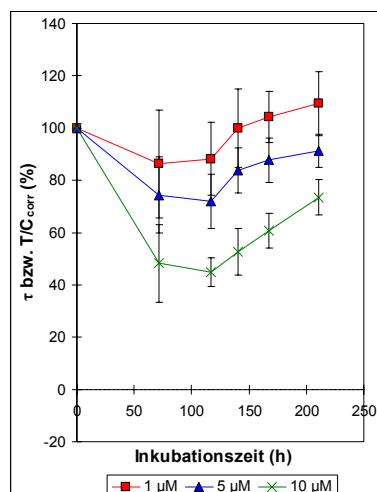
*m[Fe^{III}(4OH)4'OC(CH₃)₃]Cl (106m)**m[Fe^{III}(5OH)4'OC(CH₃)₃]Cl (107m)**m[Fe^{III}(3OCH₃)4'OC(CH₃)₃]Cl (108m)**m[Fe^{III}(4OCH₃)4'OC(CH₃)₃]Cl (109m)**m[Fe^{III}(5OCH₃)4'OC(CH₃)₃]Cl (110m)**m[Fe^{III}(2,4OCH₃)Cl (111m)*

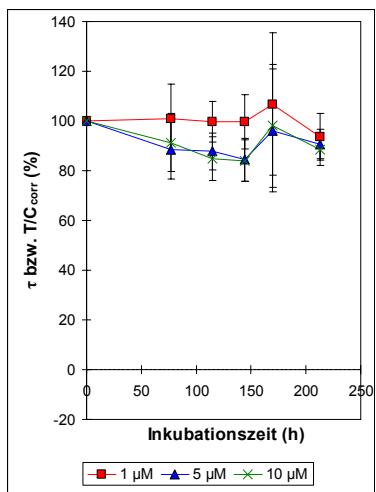
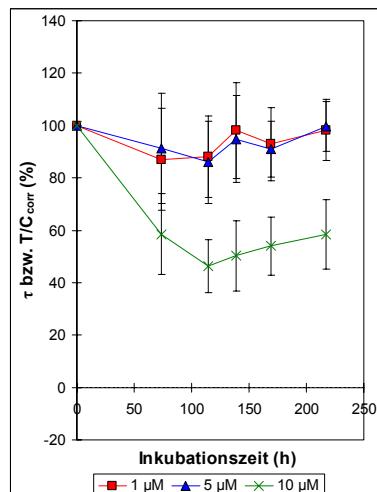
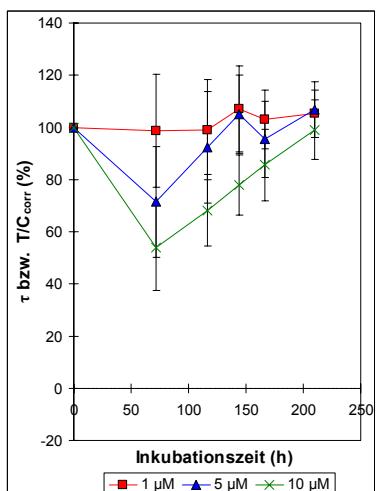
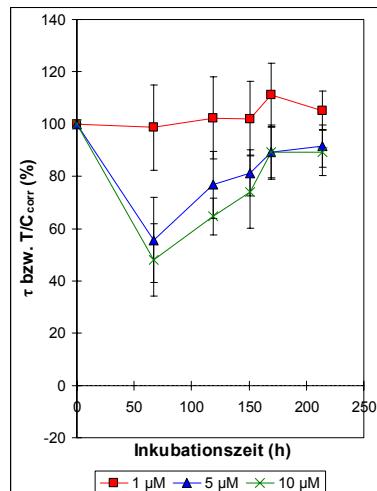
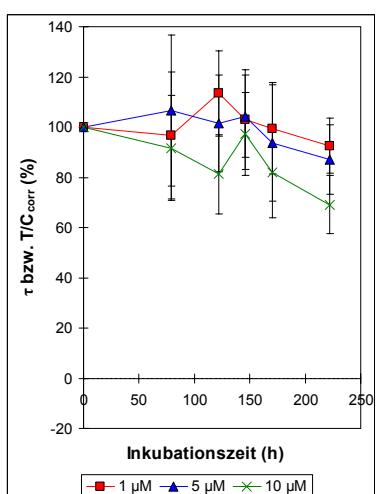
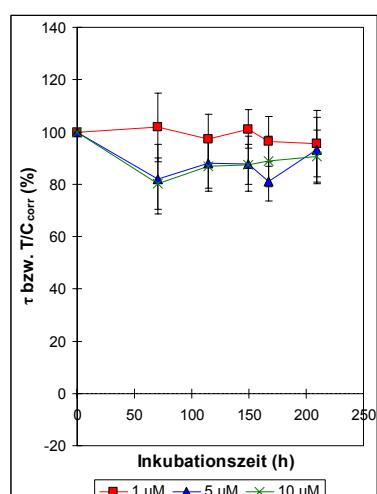
 $m[\text{Fe}^{\text{III}}2'\text{Cl},4'\text{OCH}_3]\text{Cl}$ (112m) $m[\text{Fe}^{\text{II}}2'\text{F}]$ (113m)d,l/[Fe^{II}2'F] (113d,l) $m[\text{Fe}^{\text{III}}2'\text{F}]\text{Cl}$ (114m)d,l/[Fe^{III}2'F]Cl (114d,l) $m[\text{Fe}^{\text{II}}3'\text{F}]$ (115m)

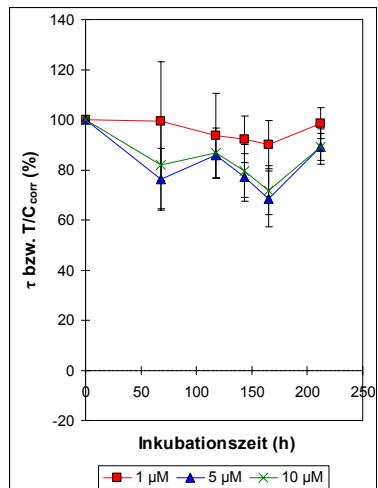
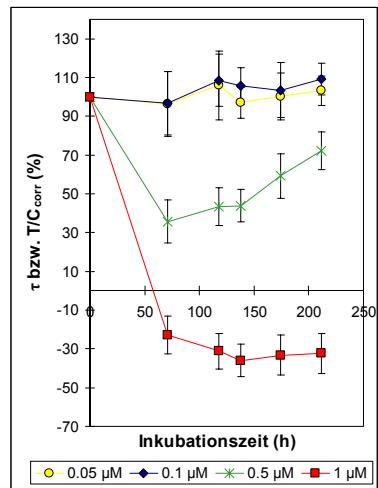
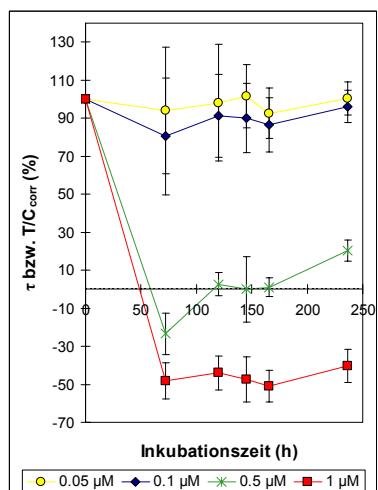
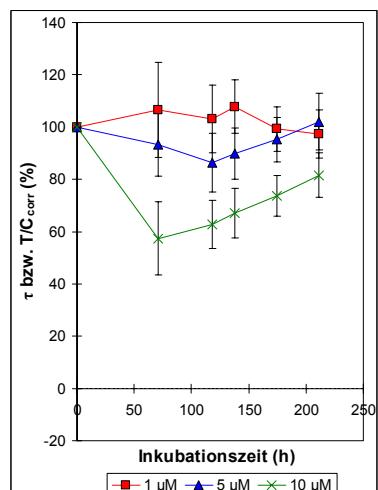
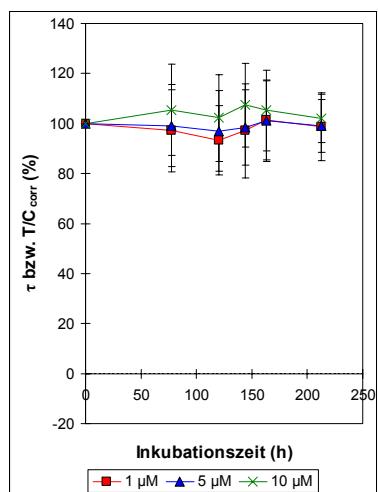
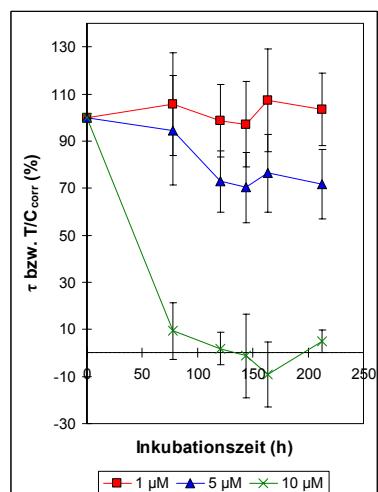
 $d,I/[Fe^{III}3'F]$ (115d,I) $m[Fe^{III}3'F]Cl$ (116m) $d,I/[Fe^{III}3'F]Cl$ (116d,I) $m[Fe^{II}4'F]$ (117m) $d,I/[Fe^{II}4'F]$ (117d,I) $m[Fe^{II}(5OH)4'F]$ (118m)

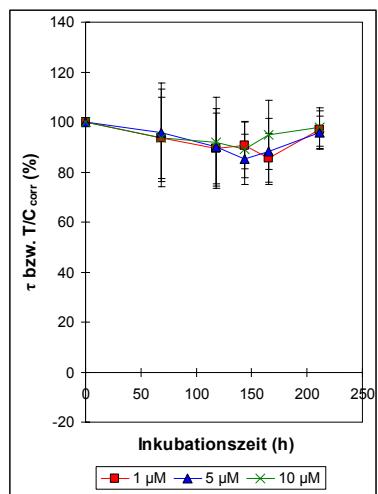
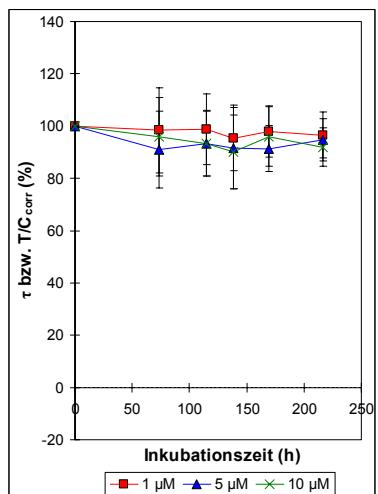
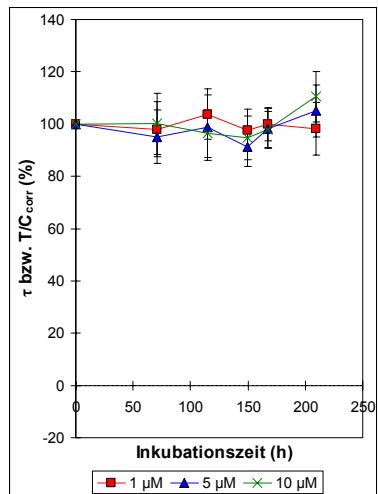
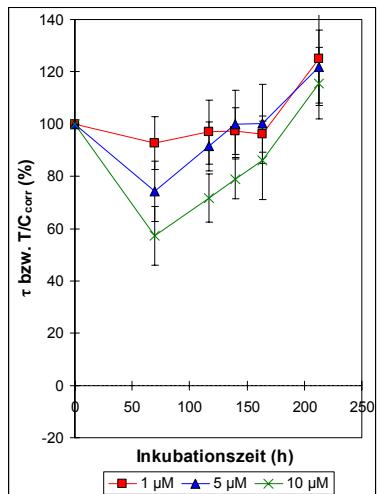
 $m[\text{Fe}^{\text{II}}(3\text{OCH}_3)\text{4}'\text{F}] \text{ (119m)}$  $m[\text{Fe}^{\text{II}}(4\text{OCH}_3)\text{4}'\text{F}] \text{ (120m)}$  $m[\text{Fe}^{\text{II}}(5\text{OCH}_3)\text{4}'\text{F}] \text{ (121m)}$  $m[\text{Fe}^{\text{III}}\text{4}'\text{F}]\text{Cl} \text{ (122m)}$  $d,\text{l}[\text{Fe}^{\text{III}}\text{4}'\text{F}]\text{Cl} \text{ (122d,l)}$  $m[\text{Fe}^{\text{III}}(3\text{OCH}_3)\text{4}'\text{F}]\text{Cl} \text{ (123m)}$

*m*[Fe^{III}(4OCH₃)₄'F]Cl (124m)*m*[Fe^{III}(5OCH₃)₄'F]Cl (125m)*m*[Fe^{III}2',4'F]Cl (126m)*m*[Fe^{III}2',5'F]Cl (127m)d,l/[Fe^{III}2',5'F]Cl (127d,l)*m*[Fe^{III}2',6'F]Cl (128m)

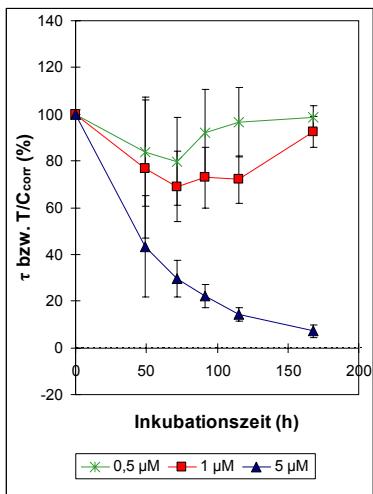
*d,I*[Fe^{III}]^{2',6'F}Cl (128d,I)*m*[Fe^{III}]^{3',4'F}Cl (129m)*d,I*[Fe^{III}]^{3',4'F}Cl (129d,I)*m*[Fe^{III}]^{3',OH}Cl (130m)*m*[Fe^{III}]^{4',OH}Cl (131m)*m*[Fe^{III}]^{3',OCOCH₃}Cl (132m)

 $m[\text{Fe}^{\text{III}} 4'\text{OCOCH}_3]\text{Cl}$ (133m) $m[\text{Fe}^{\text{III}} 4'\text{CF}_3]\text{Cl}$ (134m) $m[\text{Fe}^{\text{II}} 4'\text{NO}_2]$ (135m) $m[\text{Fe}^{\text{III}} 4'\text{NO}_2]\text{Cl}$ (136m) $m[\text{Fe}^{\text{III}} 4'\text{N}(\text{CH}_3)_2]\text{Cl}$ (137m) $m[\text{Fe}^{\text{III}} 2'\text{Cl}]\text{Cl}$ (138m)

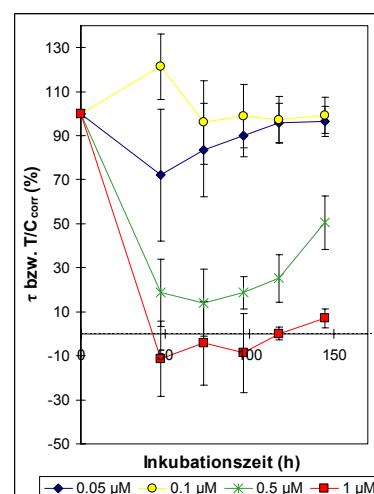
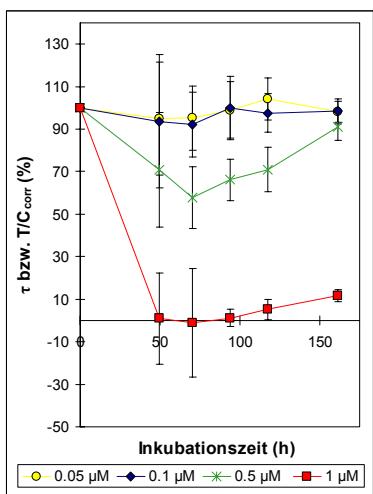
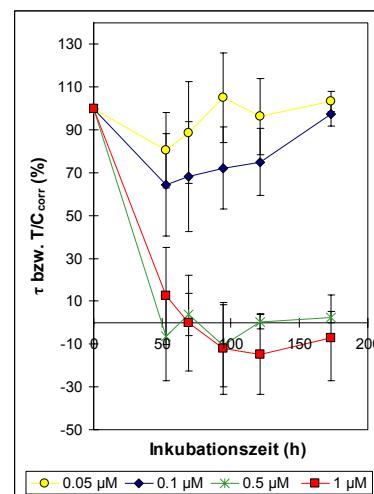
 $m[\text{Fe}^{\text{III}}3',5'\text{Cl}]\text{Cl}$ (139m) $[\text{Fe}^{\text{II}}\text{salophen}]$ (140) $[\text{Fe}^{\text{III}}\text{salophen}]\text{Cl}$ (141) $[\text{Fe}^{\text{II}}\text{propyl}]$ (142) $[\text{Fe}^{\text{III}}\text{CH}_3\text{salen}]\text{Cl}$ (143) $[\text{Fe}^{\text{III}}\text{naphthyl}]\text{Cl}$ (144)

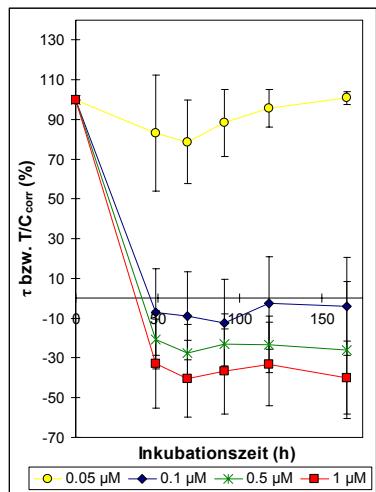
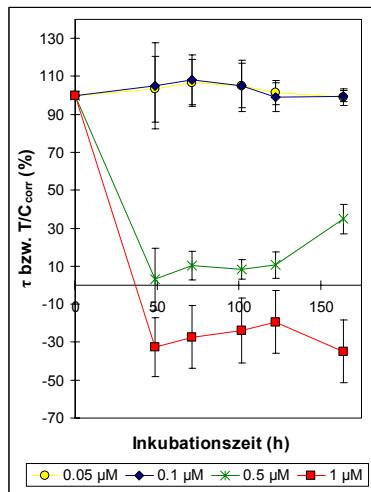
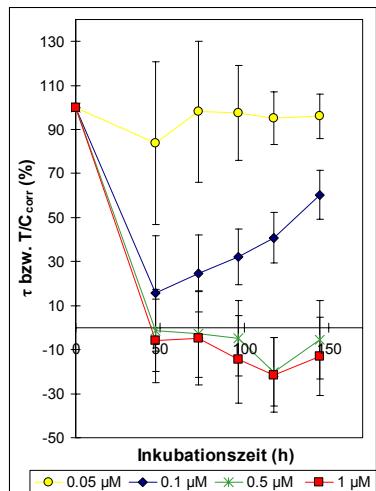
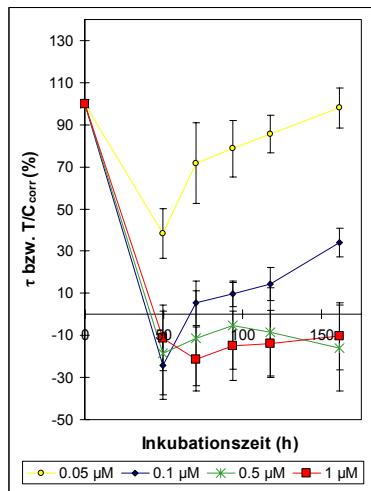
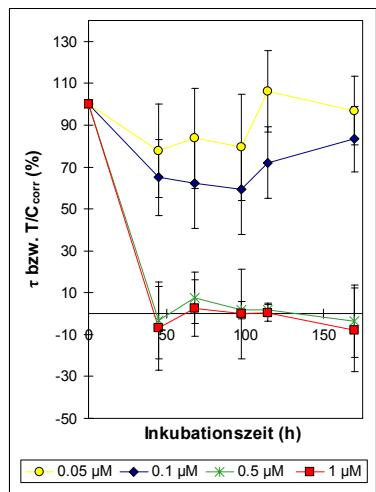
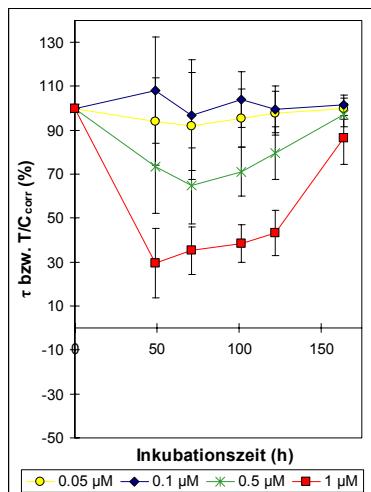
 $m[\text{Fe}^{\text{III}}\text{CH}_3\text{ 4}'\text{OCH}_3]\text{Cl}$ (145m) $m[\text{Fe}^{\text{III}}\text{naphthal 4}'\text{OCH}_3]\text{Cl}$ (146m) $[\text{Fe}^{\text{III}}\text{hydrosal}]\text{Cl}$ (147) $m[\text{Fe}^{\text{III}}\text{hydro 4}'\text{OCH}_3]\text{Cl}$ (148m)

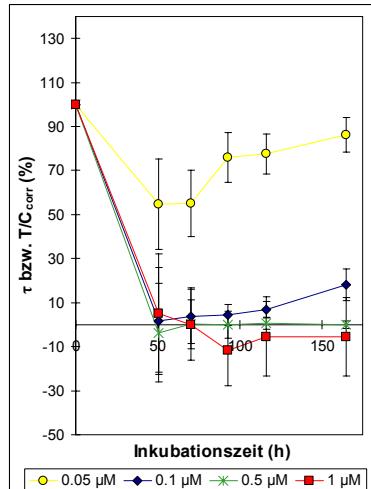
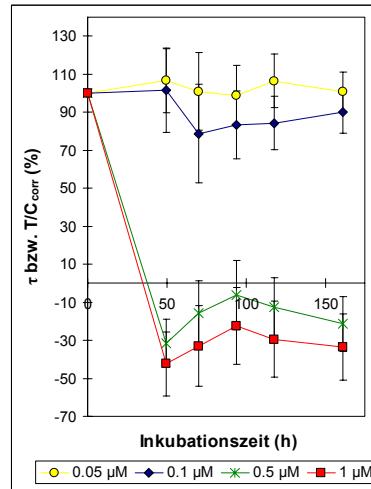
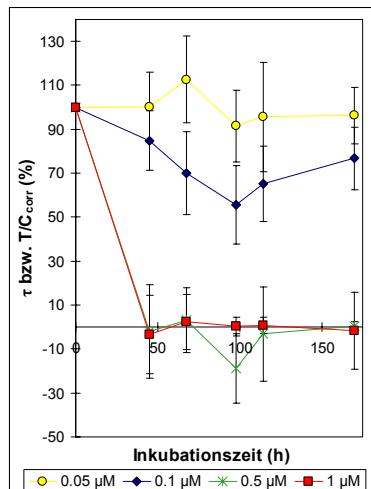
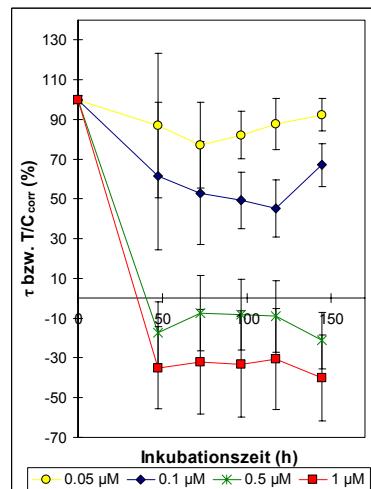
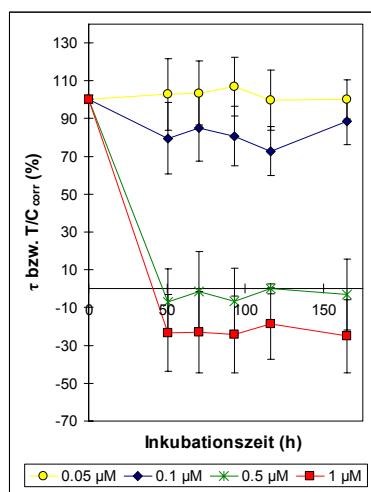
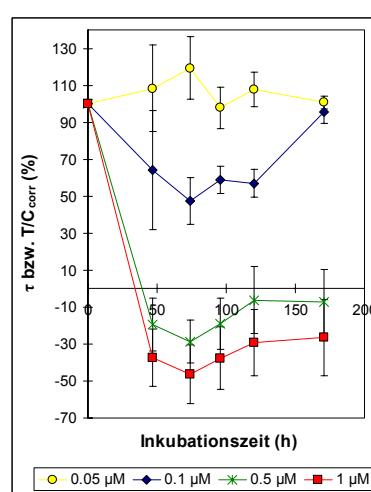
12.2 Zeitabhängige Zytotoxizitätstestung an der MDA-MB-231-Zelllinie

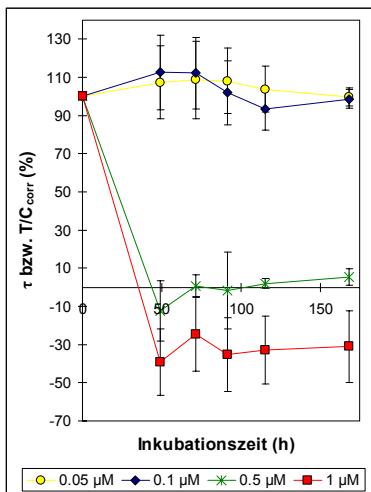
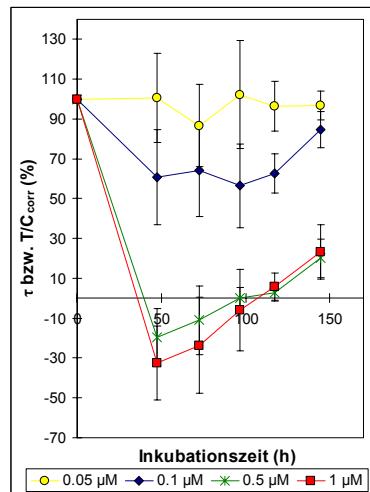
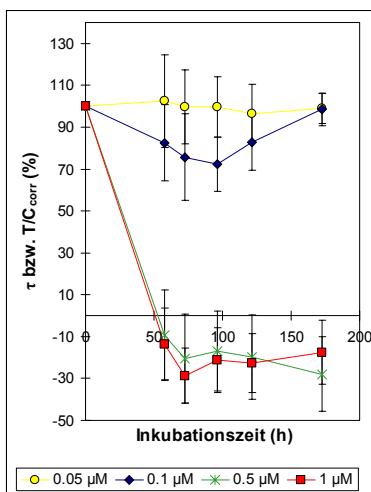
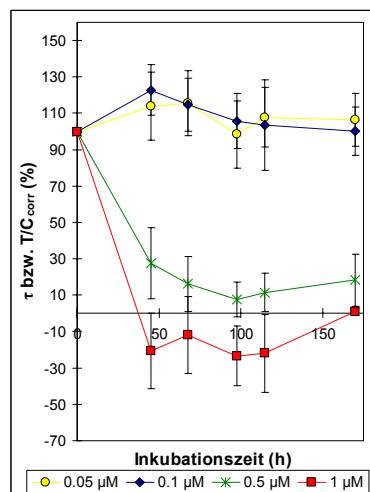
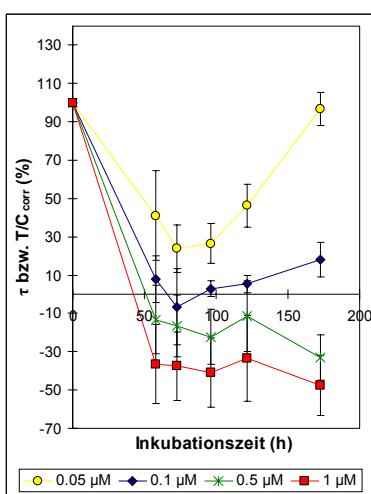
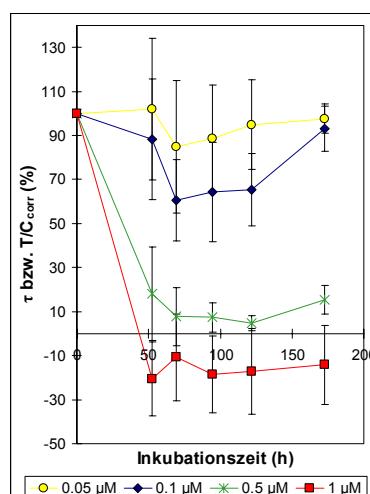


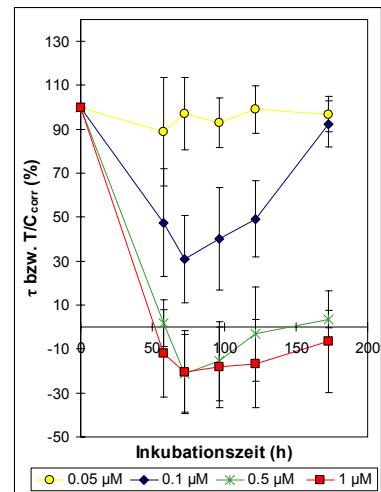
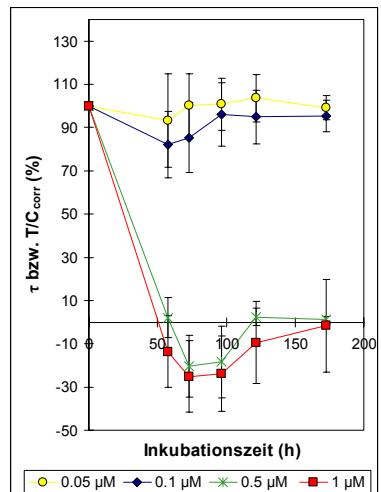
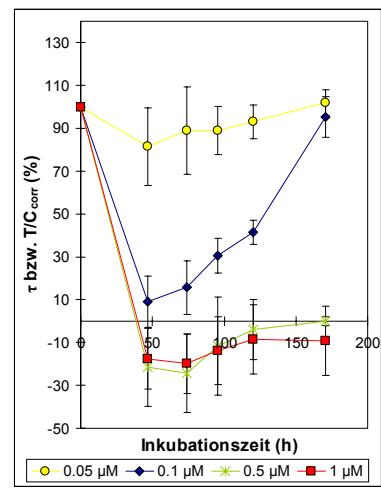
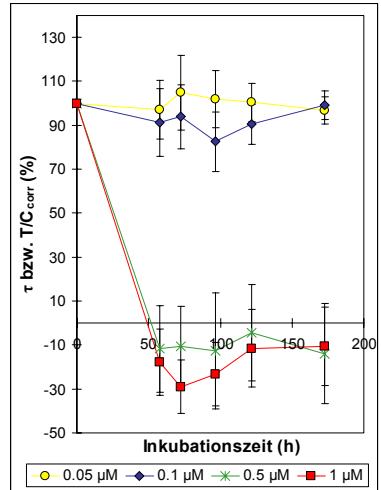
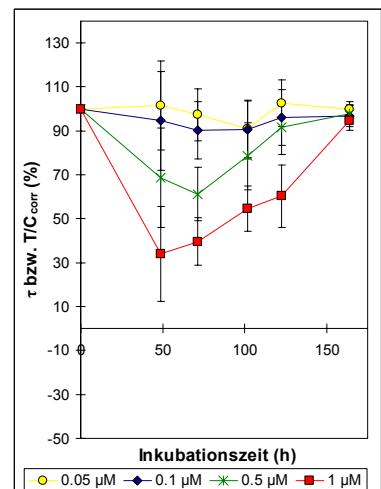
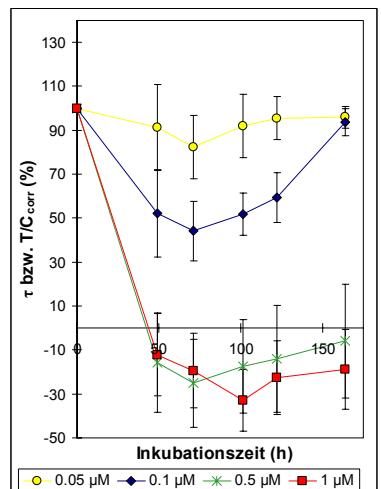
Cisplatin

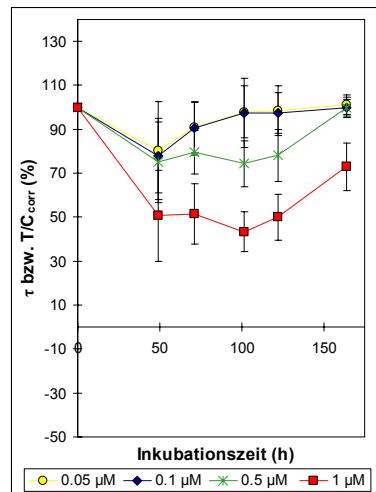
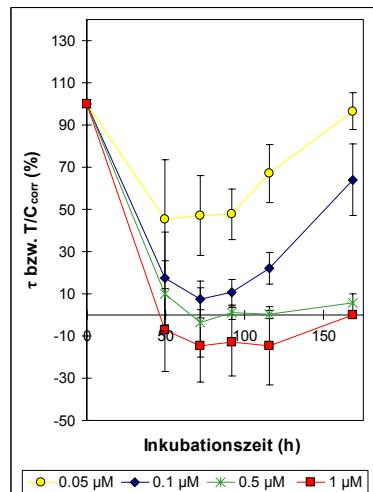
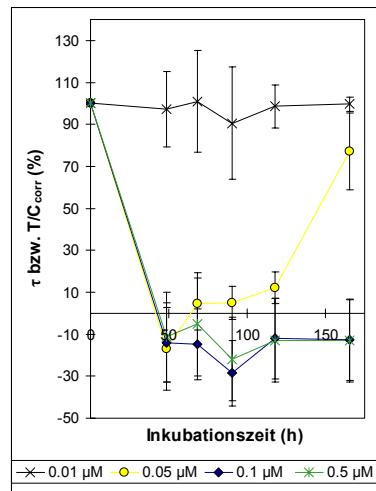
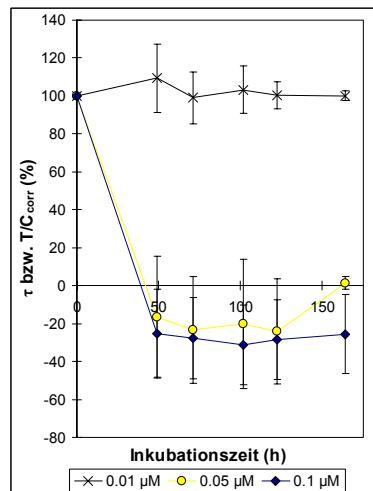
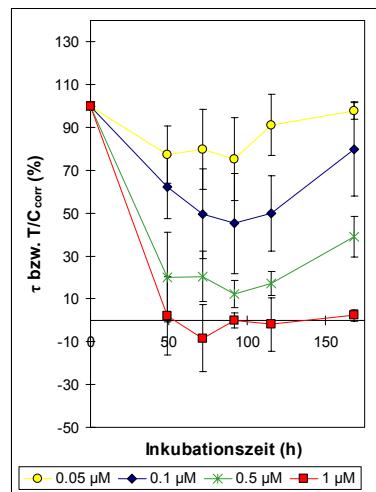
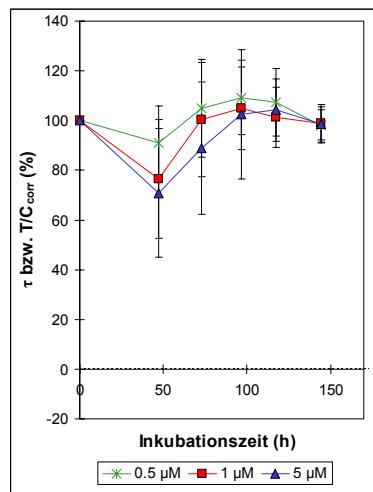
[Fe^{II}(salen)] (81)[Fe^{III}(salen)Cl] (85)m[Fe^{III}DPS]Cl (90m)

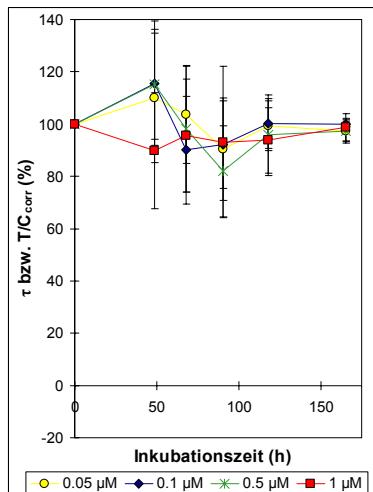
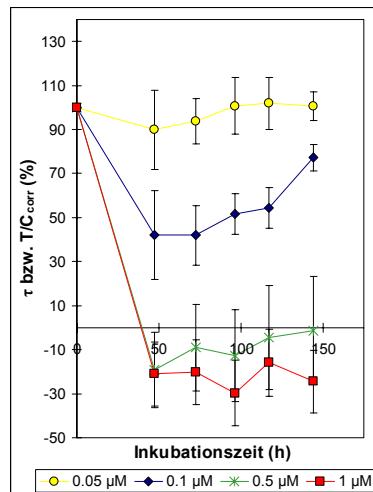
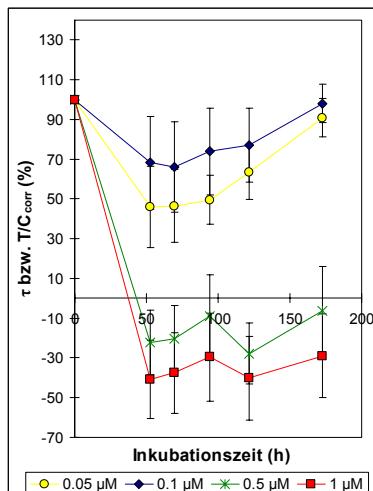
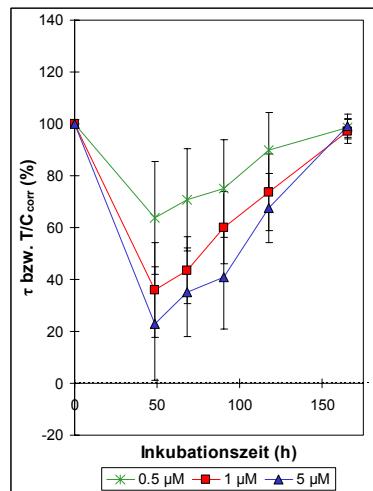
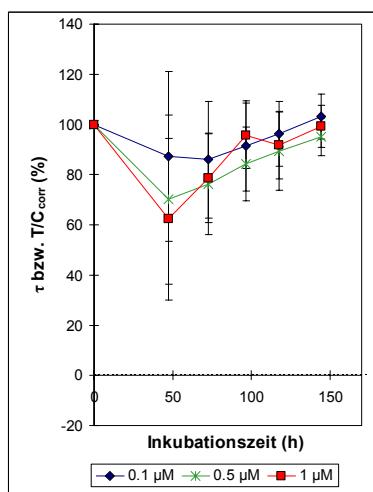
*d,l/[Fe^{III}]DPSCl (90d,l)**m*[Fe^{II}2'OCH₃] (91m)*d,l/[Fe^{II}2'OCH₃] (91d,l)**m*[Fe^{III}2'OCH₃]Cl (93m)*d,l/[Fe^{III}2'OCH₃]Cl (93d,l)**m*[Fe^{II}3'OCH₃] (94m)

 $d,/[Fe^{II}3'\text{OCH}_3]$ (94d,I) $m/[Fe^{III}3'\text{OCH}_3]\text{Cl}$ (96m) $d,/[Fe^{III}3'\text{OCH}_3]\text{Cl}$ (96d,I) $m/[Fe^{II}4'\text{OCH}_3]$ (97m) $d,/[Fe^{II}4'\text{OCH}_3]$ (97d,I) $m/[Fe^{III}4'\text{OCH}_3]\text{Cl}$ (104m)

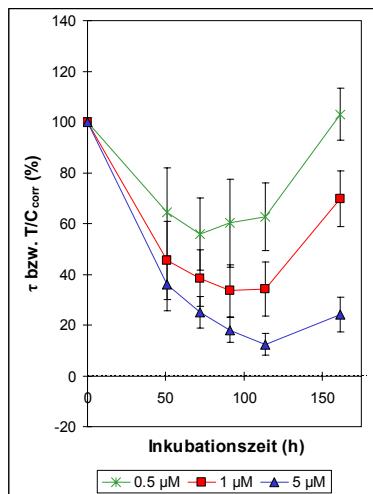
*d,l*[Fe^{III}]4'OCH₃Cl (104d,l)*m*[Fe^{III}(3OCH₃)4'OCH₃Cl (108m)*m*[Fe^{III}(4OCH₃)4'OCH₃Cl (109m)*m*[Fe^{III}(5OCH₃)4'OCH₃Cl (110m)*m*[Fe^{III}]2'FCl (114m)*m*[Fe^{III}]3'FCl (116m)

 $m[\text{Fe}^{\text{II}}4'\text{F}] \text{ (117m)}$  $d,\text{I}/[\text{Fe}^{\text{II}}4'\text{F}] \text{ (117d,l)}$  $m[\text{Fe}^{\text{III}}4'\text{F}] \text{Cl} \text{ (122m)}$  $d,\text{I}/[\text{Fe}^{\text{III}}4'\text{F}] \text{Cl} \text{ (122d,l)}$  $m[\text{Fe}^{\text{III}}(\text{3OCH}_3)4'\text{F}] \text{Cl} \text{ (123m)}$  $m[\text{Fe}^{\text{III}}(\text{4OCH}_3)4'\text{F}] \text{Cl} \text{ (124m)}$

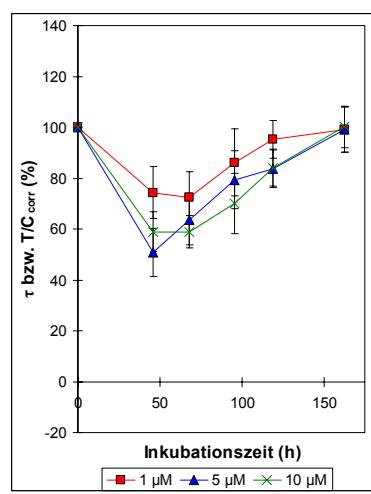
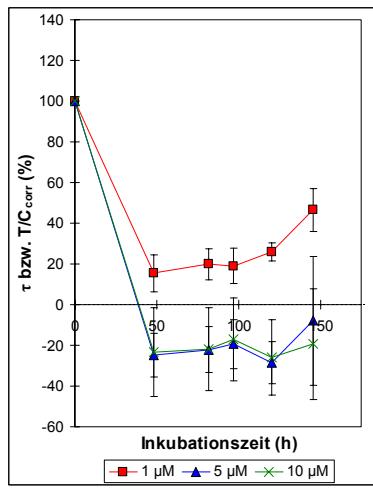
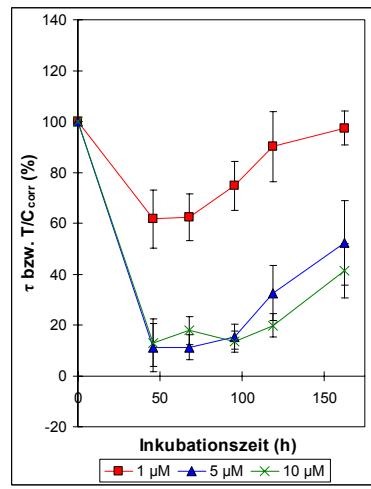
*m[Fe^{III}(5OCH₃)_{4'}F]Cl (125m)**m[Fe^{III}2',4'F]Cl (126m)**d,I/[Fe^{III}2',5'F]Cl (127d,I)**d,I/[Fe^{III}2',6'F]Cl (128d,I)**m[Fe^{III}3',4'F]Cl (129m)**m[Fe^{III}4'OH]Cl (132m)*

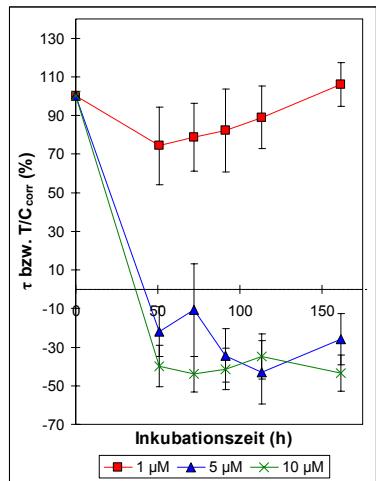
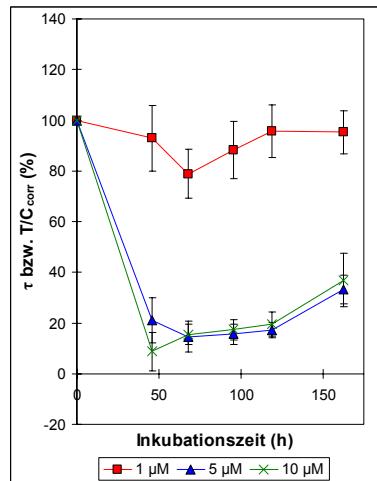
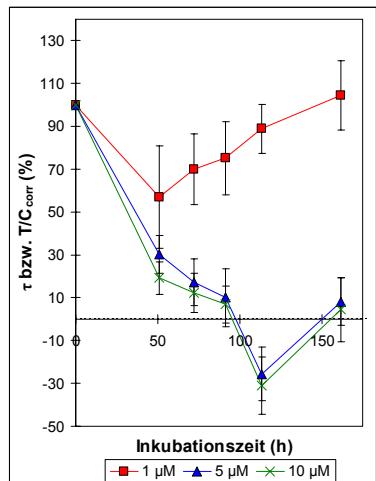
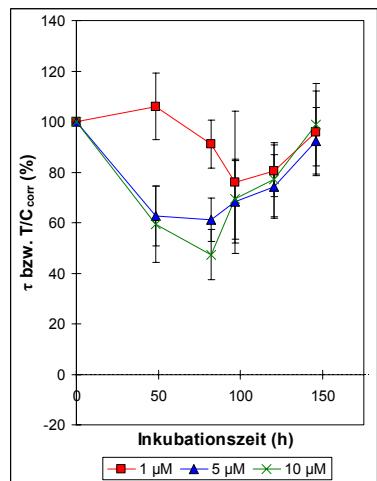
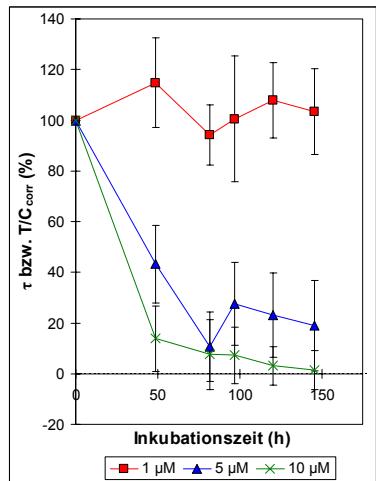
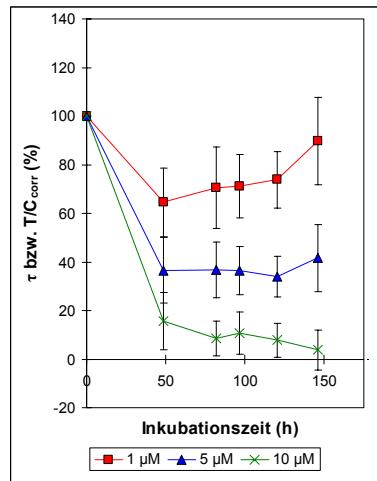
 $m[Fe^{III}3',4'Cl]Cl$ (139m) $[Fe^{II}]salophen]$ (140) $[Fe^{III}]salophen]Cl$ (141) $m[Fe^{III}CH_3 4' OCH_3]Cl$ (145m) $[Fe^{III}]hydrosal]Cl$ (147)

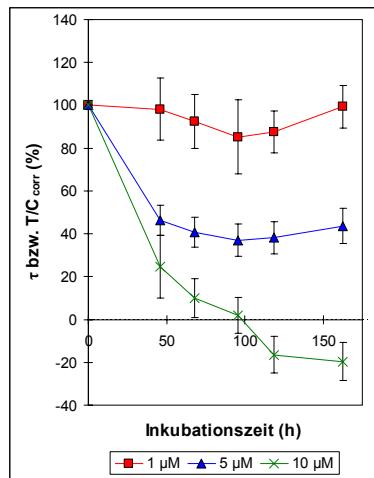
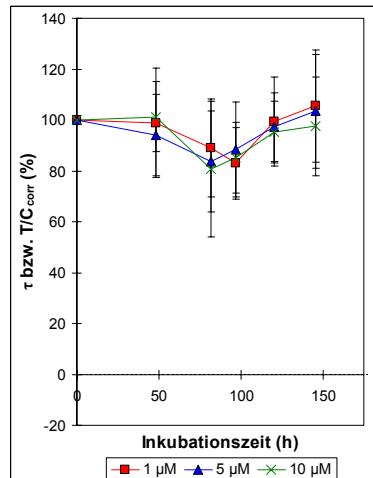
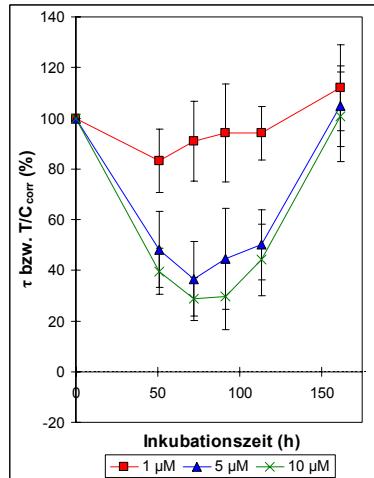
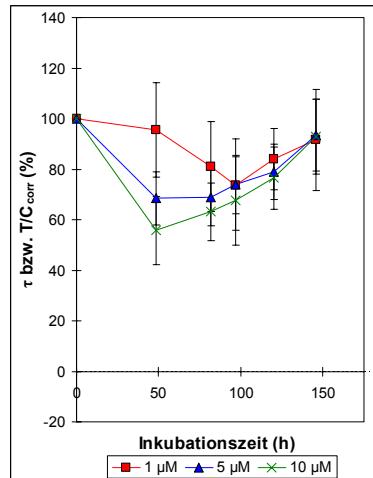
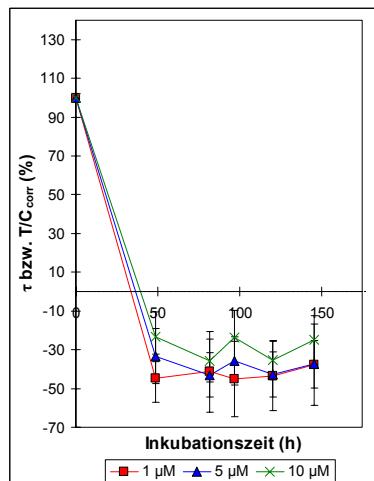
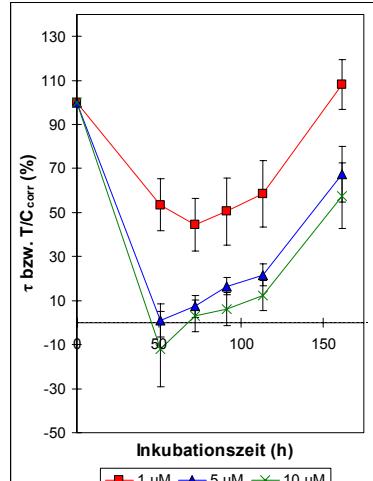
12.3 Zeitabhängige Zytotoxizitätstestung an der HeLa-Zelllinie

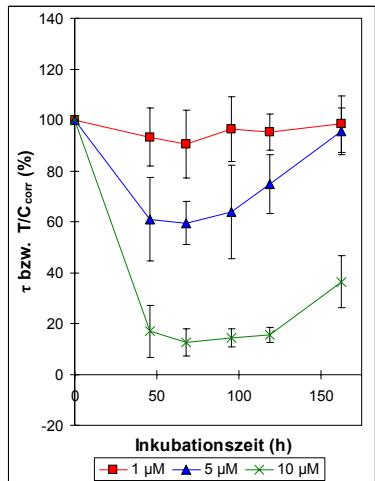
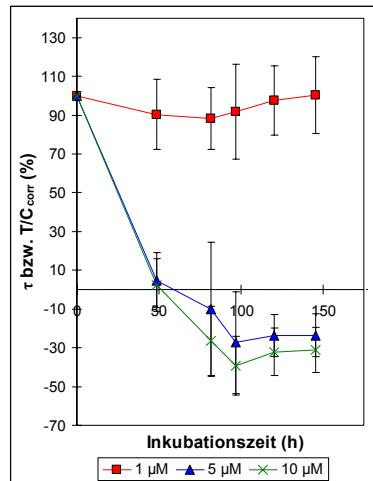
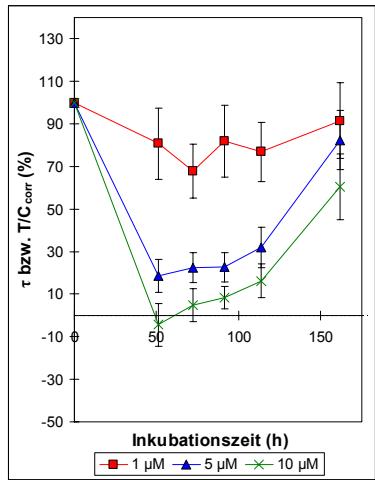
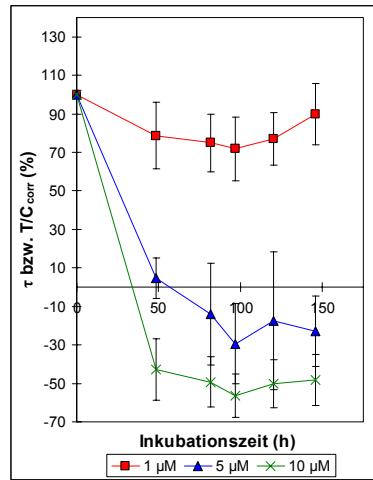
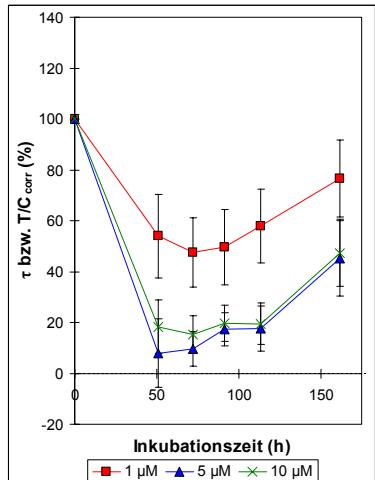
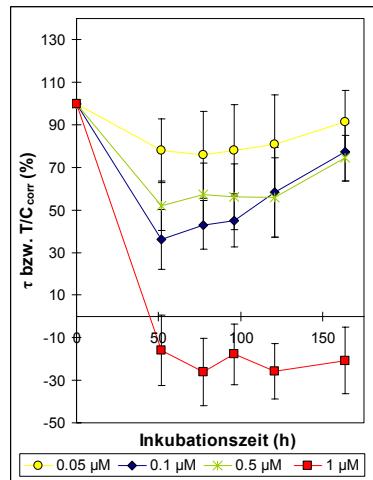


Cisplatin

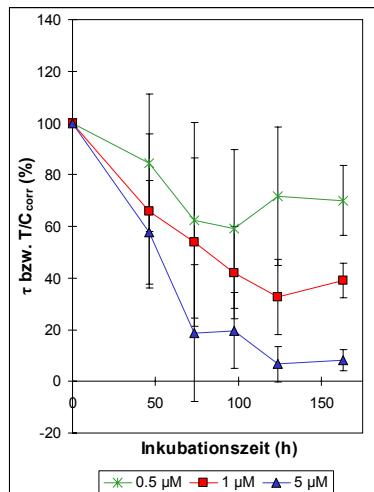
[Fe^{III}]salen]Cl (85)m[Fe^{III}]DPS]Cl (90m)m[Fe^{III}]2'OC(CH₃)Cl (93m)

d,l-[Fe^{III}]2' OCH₃ Cl (93d,l)m-[Fe^{III}]3' OCH₃ Cl (96m)d,l-[Fe^{III}]3' OCH₃ Cl (96d,l)m-[Fe^{II}]4' OCH₃ (97m)d,l-[Fe^{II}]4' OCH₃ (97d,l)m-[Fe^{III}]4' OCH₃ Cl (104m)

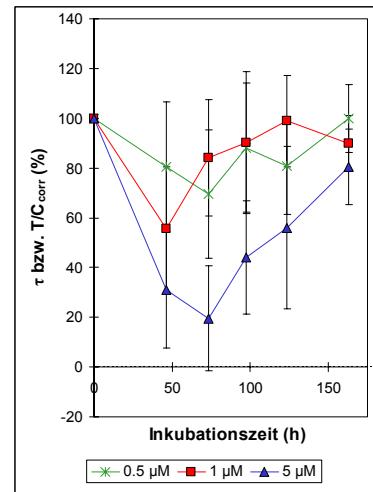
*d*-[Fe^{III}]4'OCH₃Cl (104d,l)*m*[Fe^{III}(3OCH₃)4'OCH₃Cl (108m)*m*[Fe^{III}(4OCH₃)4'OCH₃Cl (109m)*m*[Fe^{III}(5OCH₃)4'OCH₃Cl (110m)*m*[Fe^{III}]2'FCl (114m)*m*[Fe^{III}]3'FCl (116m)

 $m[\text{Fe}^{\text{II}}4'\text{F}]$ (117m) $d,/\text{[Fe}^{\text{II}}4'\text{F}]$ (117d,I) $m[\text{Fe}^{\text{III}}4'\text{F}]$ Cl (122m) $d,/\text{[Fe}^{\text{III}}4'\text{F}]$ Cl (122d,I) $m[\text{Fe}^{\text{III}}2',4'\text{F}]$ Cl (126m) $[\text{Fe}^{\text{III}}\text{salophen}]$ Cl (141)

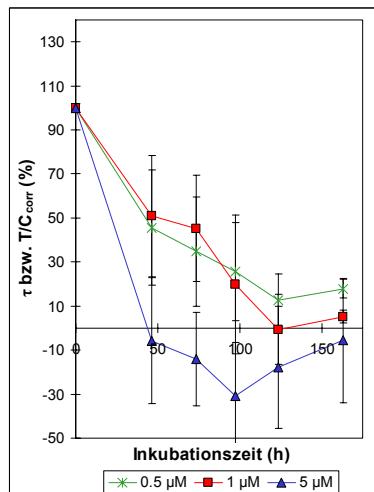
12.4 Zeitabhängige Zytotoxizitätstestung an der LNCaP/FGC-Zelllinie



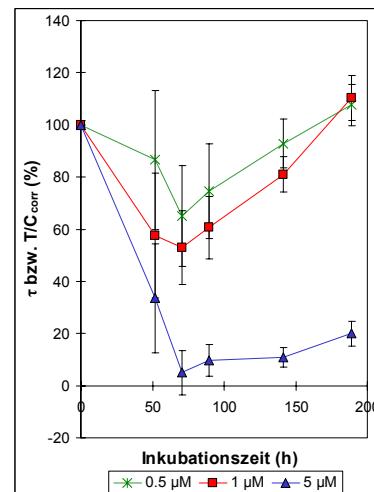
Cisplatin

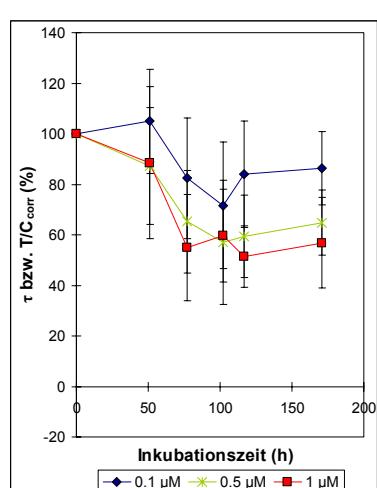
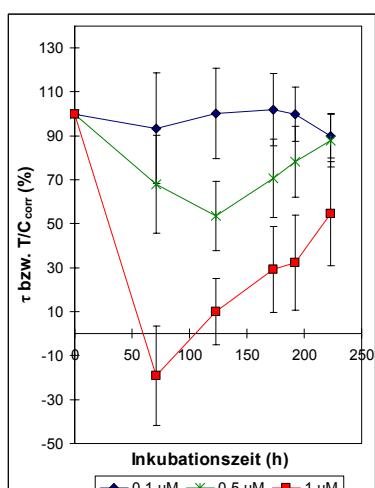
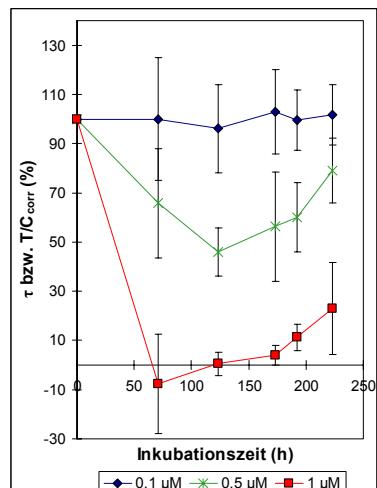
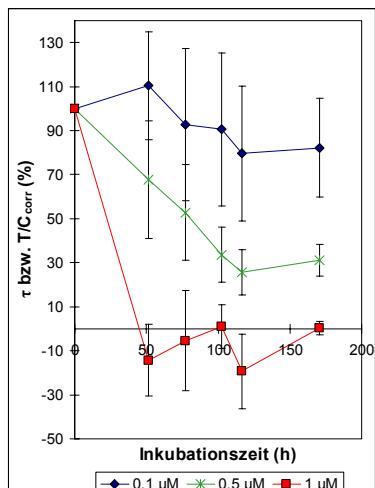
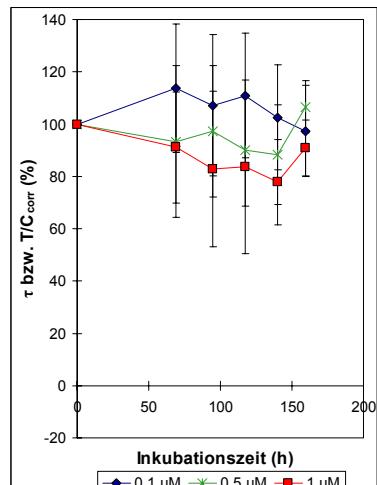
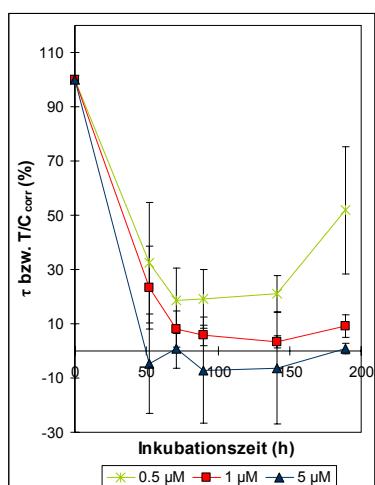


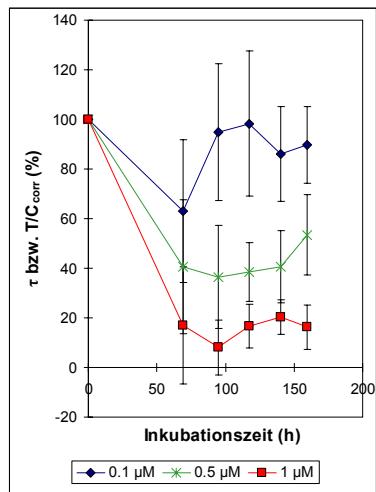
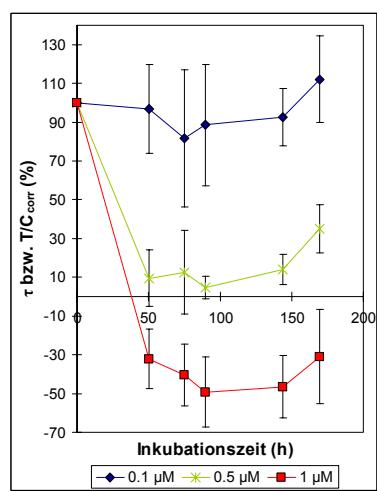
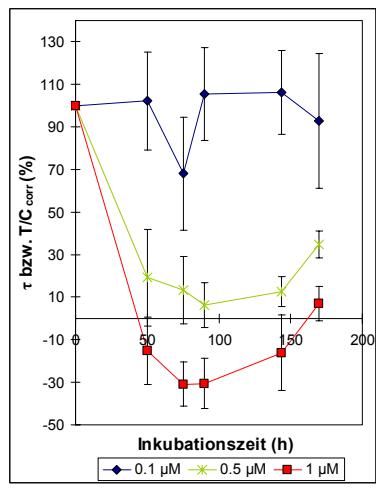
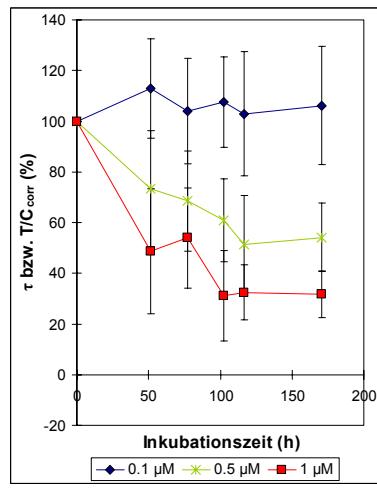
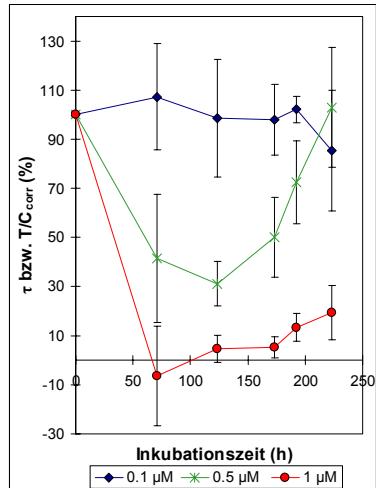
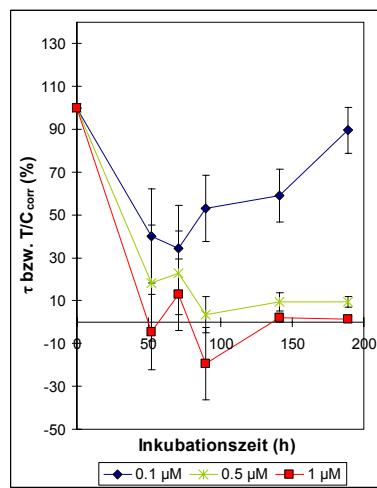
Carboplatin

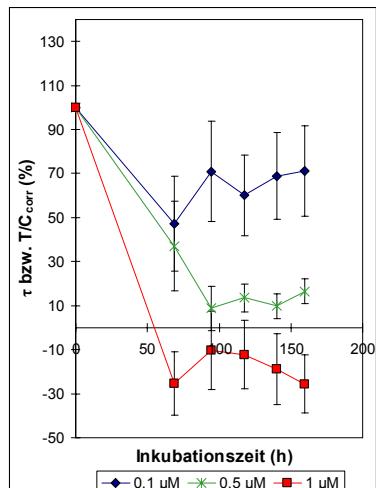
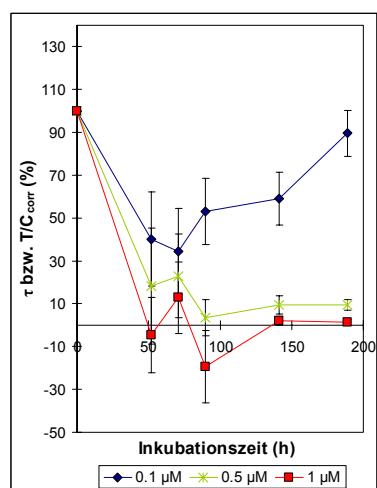


Oxaliplatin

*m*-4FPtCl₂



 $m[\text{Fe}^{\text{III}}\text{4}'\text{OCH}_3]\text{Cl}$ (104m) $m[\text{Fe}^{\text{III}}2'\text{F}]\text{Cl}$ (114m) $m[\text{Fe}^{\text{III}}3'\text{F}]\text{Cl}$ (116m) $m[\text{Fe}^{\text{II}}4'\text{F}]$ (117m) $m[\text{Fe}^{\text{III}}4'\text{F}]\text{Cl}$ (122m) $m[\text{Fe}^{\text{III}}2',4'\text{F}]\text{Cl}$ (126m)

[Fe^{II}]salophen] (140)[Fe^{III}]salophen]Cl (141)

