



Universiteit  
Leiden  
The Netherlands

## Dynamics and regulation of the oxidative stress response upon chemical exposure

Bischoff, L.J.M.

### Citation

Bischoff, L. J. M. (2022, January 12). *Dynamics and regulation of the oxidative stress response upon chemical exposure*. Retrieved from <https://hdl.handle.net/1887/3249612>

Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3249612>

**Note:** To cite this publication please use the final published version (if applicable).

# 7

---

## Appendices

---

## LIST OF ABBREVIATIONS

<b>A</b>	ABCC2	ATP binding cassette subfamily C member 2
	AKR1B10	Aldo-keto reductase family 1 member B10
	AKR1C3	Aldo-keto reductase family 1 member C3
	ARE	Antioxidant response element
<b>B</b>	BAC	Bacterial artificial chromosomes
	BMC	Bench mark concentration
<b>C</b>	CDDO-Me	Bardoxolone methyl
<b>D</b>	DEM	Diethyl maleate
	DMEM	Dulbecco's modified eagle medium
	DMSO	Dimethyl sulfoxide
<b>E</b>	EGS	Eigengene scores
	ERS	Endoplasmic reticulum stress
<b>F</b>	FBS	Fetal bovine serum
<b>G</b>	GCLM	Glutamate-cysteine ligase modifier subunit
	GFP	Green fluorescent protein
	GSH	Glutathione
<b>H</b>	HepG2	Hepatoma G2 / human liver cancer cell line
	Hmox1	Hemeoxygenase 1
<b>K</b>	Keap1	Kelch-like ECH-associated protein 1
<b>M</b>	miR / miRNA	MicroRNA
<b>N</b>	NAM	New approach methodology
	Nqo1	NAD(P)H-quinone oxidoreductase 1
	Nrf2	Nuclear factor erythroid 2-related factor 2
<b>P</b>	PHH	Primary human hepatocytes
	PI	Propidium iodide
<b>R</b>	RISC	RNA-Induced Silencing Complex
	NS	Reactive nitrogen species
	ROS	Reactive oxygen species
<b>S</b>	SQSTM1	Sequestosome 1 / p62
	Srxn1	Sulfiredoxin1
<b>T</b>	tBHP	<i>Tert</i> -butylhydroperoxide
	tBHQ	<i>Tert</i> -butylhydroquinone
<b>U</b>	UPR	Unfolded protein response
<b>W</b>	WMC	Watershed masked clustering