

1. Record Nr.	UNINA9910909153503321
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Titolo	Principles of redox signaling // Henry Jay Forman
Pubbl/distr/stampa	London, : Henry Stewart Talks, 2023
Descrizione fisica	1 online resource (1 streaming video file (24 min.) : color, sound)
Collana	The biomedical & life sciences collection, , 2056-452X
Soggetti	<p>Active oxygen - Physiological effect</p> <p>Cellular signal transduction</p> <p>Free radicals (Chemistry) - Physiological effect</p> <p>Oxidation, Physiological</p> <p>Oxidation-reduction reaction</p> <p>Amides</p> <p>Glutathione</p> <p>Hydrogen Peroxide - metabolism</p> <p>Oxidation-Reduction</p> <p>Oxidative Stress</p> <p>Peroxidases - metabolism</p> <p>Peroxides</p> <p>Reactive Oxygen Species - metabolism</p> <p>Signal Transduction - physiology</p> <p>Sulfhydryl Compounds</p> <p>Superoxides</p> <p>Thioredoxins</p>
Lingua di pubblicazione	Inglese
Formato	Videoregistrazione
Livello bibliografico	Monografia
Note generali	<p>Animated audio-visual presentation with synchronized narration.</p> <p>Title from title frames.</p>
Nota di contenuto	<p>Contents: Principles of redox signaling -- Physiological redox signaling versus oxidative stress responses -- Signaling by endogenously generated H₂O₂ -- NOX complexes and superoxide production -- H₂O₂ as a second messenger -- Glutathione (GSH) in peroxide metabolism -- Thioredoxin in peroxide metabolism --</p>

Glutathionylation -- Oxidation of the thiol form -- Sulfenyl amides.
