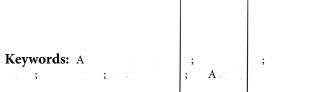
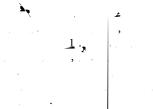


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Introduction



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Sources of Airborne Nanoparticles

A , : Combustion Processes

Industrial Emissions

Industrial Emissions

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Natural Sources

Mechanisms of Genotoxicity

Oxidative Stress

Inflammation

A • Cytokine Release:

Direct Interaction with DNA

Published: 26-Sep-2024, DOI: 10.4172/2476-2067.1000291

Citation: Amina K (2024) Genotoxicity of Airborne Nanoparticles Mechanisms and Implications.

Citation: Amina K (2024) Genotoxicity of Airborne Nanoparticles Mechanisms and Implications. Toxicol Open Access 10: 291.

Transcriptional Regulation:

Health Implications

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Cancer

• Mechanistic Evidence: A

Respiratory Diseases

• Cellular Response:

Cardiovascular Effects

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• Systemic Effects:

Neurotoxicity

• Blood-Brain Barrier:

Regulatory Implications

Exposure Assessment

Risk Characterization

Page 2 of 2

Emission Control

Public Awareness

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Future Directions

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Conclusion

References

- Frank JW, Brooker AS, DeMaio SE, Kerr MS, Maetzel A, et al. (1996) Disability resulting from occupational low back pain. Part II: What do we know about •^&[]忦^Å]!^ç^}@[]Ñ\@kl^çi^_Å[_k@^Å•&i^}@, kl^çiå^}&.
 M@kl^çiå_, Å[_k@c^!Å disability begins. Spine 21: 2918-2929.
- Lisa D, Karen I, Dana C, Konstantina M, Francesca G, et al. (2019) A Systematic Review of the Impact of Patient-Physician Non-English Language Concordance on Quality of Care and Outcomes. J Gen Intern Med 34: 1591-1606.
- Whitehead M, Dahlgren G, Evans T (2001) Equity and health sector reforms: can low-income countries escape the medical poverty trap. Lancet 358: 833-836.
- Zwi AB, Brugha R, Smith E (2001) Private health care in developing countries. BMJ 323: 463-464.
- Thornton LE, Pearce JR, Kavanagh AM (2011) Using Geographic Information Ù^•c^ { •kjÖuùbk [kæ••^••k@^k! [[^k[-k@^kà *ikk] { } ' * }ki] * * }ki à^•ic^kk a glossary. Int J Behav Nutr Phys Act 8: 71.
- Stefanidis A, Crooks A, Radzikowski J (2013) Harvesting ambient geospatial information from social media feeds. GeoJournal 78: 319-338.
- T ^\: ^\AÔĖKÖŒ iœikRiQG€€HDiReconsidering community-based health promotion: promise, performance, and potential. Am J Public Health 93: 557-574.