Keywords: Rika, e, men.; Combined chemical e po, e; C m la i e e ec.; S ne gi ic in e ac.ion; En i onmen al heal.h; P blic polic

Introduction

Chemicale po ei bi i.o in mode n ocie, , i hindi id al enco n e ing m liple chemical dail .h o gh ai , , a.e., food, and con me p od c. While i ka e men ha e aditionall foc ed on indi id al chemical , he eali, i .ha h man a e o en e po ed .o mi .e of chemical [1], , hich can in e ac in comple , a . Unde anding he i ka ocia ed , i h combined chemical e po e

Epidemiological Studies

Epidemiological, die pla a c. cial ole in nde, anding he heal he ec. of combined chemical e po e in h man pop la ion [4].

- Cohort and Case-Control Studies: A e e .. die can iden, if a ociation bet, een e po . e .o chemical mi . e and heal, ho .come , p o iding eal-, o ld e idence of .i k .
- **Meta-Analyses**: Agg ega ing da a f om m liple, die can help cla if the one all impact of combined e posse on health.

Case Studies Highlighting Combined Chemical Exposures

Air Pollution and Health

Re ea ch ha ho, n ha e po e o mi e of ai poll an, ch a paric la e mare (PM), ni ogen o ide (NO), and ola ile o ganic compond (VOC), can lead to ignic can health ik, incl ding e pi a.o. and ca dio a c la di ea e [5].