Title of the Contribution:
Passive smoking and behavioural problems in children: results from the LISAplus prospective birth cohort study.

Abstract:
To analyse the association between pre- and postnatal exposure to tobacco smoke and child behavioural problems and to further investigate the influence of trimester-specific exposure to maternal smoking and the impact of paternal smoking at home on the same outcome. Data of 3097 German children recruited at birth for a population-based, prospective study were used. Detailed information on children’s tobacco smoke exposure was collected by self-administered questionnaires at each follow-up. Behavioural outcomes were measured by the Strengths and Difficulties Questionnaire applied at 10-year follow-up. Children exposed to environmental tobacco smoke at home showed increased risks of hyperactivity/inattention problems. Only smoking during the entire pregnancy increased the risk for conduct and hyperactivity/inattention problems (proportional odds ratio (pOR)=1.58, 95% confidence interval (CI)=1.06-2.37 and pOR=1.67, CI=1.03-2.72). Pre- and postnatal exposure to paternal smoking was...
associated with hyperactivity/inattention problems in children of non-smoking mothers (pOR=1.97, CI=1.06-3.65). Effect estimates were adjusted for study centre, sex, parental educational level, mother's age at birth, having a single parent and time spent in front of a screen. Not only maternal smoking during pregnancy but also paternal smoking at home should be considered as a risk for hyperactivity/inattention problems in children.