

Free communication(poster)		Name	Title	Affiliation	country
	FCP-1	Naomichi Tani	Ergonomic evaluation of sonographers' workload using the RULA method	The association for preventive medicine of Japan	Japan
	FCP-2	Akiomi Inoue	Psychosocial Safety Climate and Psychological Distress in Japanese Workers	Institutional Research Center, University of Occupational and Environmental Health, Japan	Japan
	FCP-3	Kazufumi Matsuyama	Association between workaholism and headaches causing presenteeism	Department of Occupational Health Practice and Management, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-4	Yun-Shan Li	Effect of circadian rhythm disorder on oxidative DNA damage in mice	Department of Environmental Oncology, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-5	Akiko Matsuyama	Case study on corporate career support for full-time occupational physicians	Department of Occupational Health Practice and Management, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-6	Yasuyuki Higashi	Short-term inhalation exposure study of cross-linked polyacrylic acid using rats	Department of Respiratory Medicine, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-7	Akihiko Ikegami	Respirable fibers generated from carbon fibers-reinforced plastics	Department of Environmental and preventive medicine, Jichi Medical University	Japan
	FCP-8	Won-Tae Lee	Association between Changes in the Regularity of Working Hours and Cognitive Impairment in Middle-aged and Older Korean Workers: The Korean Longitudinal Study of Aging, 2008–2018	Department of Occupational and Environmental Medicine, Severance Hospital, Yonsei University College of Medicine, Seoul	Korea
	FCP-9	Seunghyun Lee	The impact of long working hours on cognitive function: a follow-up study with gender stratification	Department of Occupational and Environmental Medicine, Gil Medical Center, Gachon University College of Medicine	Korea
	FCP-10	Fujihara Hiroaki	The evaluation of activity and body temperature fluctuation in shift work model mice	Department of Ergonomics, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-11	Akihiko Narisada	Heat stroke emergency transport from workplaces in Nagoya, Japan, during COVID-19 pandemic	Institute for Occupational Health Science, Aichi Medical University	Japan
	FCP-12	Ah rum Choi	Evaluation of horse trainers' exposure to dust and crystalline quartz characteristics of working environment	Industrial Health and Work Environment Research Institute, Korean Industrial Health Association	Korea
	FCP-13	Han Eunseun	Examination of skin symptoms in painters in the shipyards	Department of Occupational and Environmental Medicine, Gil Medical Center, Incheon, Republic of Korea	Korea
	FCP-14	Choi Won-Jun	Effect of Long Work Hours and Shift Work on High-sensitivity C-reactive Protein Levels among Korean Workers	Gachon University College of Medicine, Gil Medical Center	Korea
	FCP-15	Sanghyuk Lee	The effect of Request to work at short notice on Work-related sickness absence in Korea	Department of Occupational and Environmental Medicine, Gachon University Gil Medical Center, Incheon, Korea	Korea
	FCP-16	Lee Yongho	Sleep Disturbance among the Self-employed compared with Paid Workers in Korea	Department of Occupational and Environmental Medicine, Gachon University Gil Medical Center, Incheon, Korea	Korea
	FCP-17	Taisuke Tomonaga	Analysis of MicroRNAs in Exosomes Following Intratracheal Instillation of Asbestos in Rats	Department of Occupational Pneumology, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan.	Japan
	FCP-18	Byungyoon Yun	Association Between Gig Economy Worker's Violence Exposure, Job Stress and Depressive Symptoms in Korea	Department of Preventive Medicine, Yonsei University College of Medicine, Seoul, Republic of Korea,03722	Korea
	FCP-19	Juho Sim	Relationship between insomnia and rest time between shifts among shift workers: A multicenter cross-sectional study	Department of Public Health, Graduate School, Yonsei University	Korea
	FCP-20	Heejo Park	Metabolic syndrome of platform workers	Department of Business Administration and Data Science, Cha University, Pocheon, 11160, Korea	Korea
	FCP-21	Akira Ogami	The usefulness of Powered Air Purifying Respirators (PAPR) for the prevention of occupational lung disease	Department of Work Systems and Health, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-22	Jongmin Lee	Insomnia among gig economy worker and related job schedule and stress in Korea.	Occupational Health of Graduate School of Public Health Yonsei University	Korea
	FCP-23	Tsunetoshi Ishizuka	Study on higher brain dysfunction associated with acute exposure to benzyl alcohol.	Department of Occupational Toxicology, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-24	Wataru Hasegawa	Study on circadian rhythm disruption appearing in mice transplanted with cancer cells	Department of Occupational Toxicology, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-25	Chikage Nagano	Comparison of young and elderly's response to auditory warning signal in noise	Department of Health Policy and Management, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-26	Ham Seunghon	Particulate Matter (PM) Exposure Assessment and its Control Strategies in a Small Coffee Roastery	Department of Occupational and Environmental Medicine, Gachon University Gil Medical Center, Incheon, 21565, Republic of Korea	Korea
	FCP-27	Hajime Ando	Combining Indoor Positioning Using Wi-Fi Round Trip Time with Dust Measurement	Department of Work Systems and Health, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-28	Naoki Kawai	Severe lung disorder caused by cross-linked water-soluble polyacrylic acid following intratracheal instillation of rats.	Department of Occupational Pneumology, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan.	Japan
	FCP-29	Takaaki Maeno	Evaluation of lens opacity on radiation workers: progress report	Occupational Health Training Center, University of Occupational and Environmental Health, Japan	Japan
	FCP-30	Kento Nishi	Investigation of usefulness of stress-related biomarkers	Department of Health Policy and Management, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-31	Takuro Shoji	Development of non-technical skill evaluation index	Department of Safety and Health Management, School of Health Sciences, University of Occupational and Environmental Health, Japan	Japan
	FCP-32	Wha Me, Park	Health Risk assessment of naturally occurring asbestos in local tourist attraction, South Korea	Yonsei University, Seoul, South Korea D&C Inc., Incheon	Korea
	FCP-33	Yoto Taguchi	A study of the effects of regular one-on-one meetings between supervisors and subordinates in the workplace (baseline report)	Occupational Health Training Center, University of Occupational and Environmental Health, Japan	Japan
	FCP-34	Toshiki Morimoto	Inflammatory effects of uncross-linked polyacrylic acid in rat lung following intratracheal instillation.	Department of Respiratory Medicine, University of Occupational and Environmental Health, Japan	Japan
	FCP-35	Chinatsu Nishida	Effect of pulmonary toxicity of polyacrylic acid due to difference in molecular weight	Department of Respiratory Medicine, University of Occupational and Environmental Health, Japan.	Japan
	FCP-36	Yeon-Ha KIM	Performance level of health managers in occupational health service duties and their needs for partial entrustment	College of Nursing, Korea National University of Transportation, Chungbuk, Korea	Korea
	FCP-37	Yeon-Ha KIM	The perceived level of the needs of occupational health service among specialized health management institution by type of industry	College of Nursing, Korea National University of Transportation, Chungbuk, Korea	Korea
	FCP-38	Juyeon Oh	The Association with Secondhand Smoke in Workplace and Workers' Depressive Symptoms	Department of Public health, Graduate School, Yonsei University, Seoul, Korea	Korea