SIXTH ANNOUNCEMENT: PROGRAM FOR XXVIITH CONFERENCE OF THE INTERNATIONAL SOCIETY FOR FLUORIDE RESEARCH
OCTOBER 9–12, 2007; BEIJING, CHINA

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† Deceased September 3, 2007.
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Dr Zhengyan Li, Dr Lijuan Wang, Dr Wei Zhang, Dr Lijun Zhao, Chinese Research Center for Endemic Disease Control, Harbin Medical University, Harbin.

GREETINGS

The International Society for Fluoride Research was founded in 1966, at a meeting in Detroit of the American Society for Fluoride Research, to promote the sharing of scientific information on all aspects of inorganic and organic fluorides. This is done by the publication of a quarterly journal Fluoride and the hosting of international conferences. The first ISFR conference was held in Frankfurt, Germany in 1967. Conferences have also been held in Spain, Austria, the Netherlands, England, the United States of America, Switzerland, India, Japan, Hungary, China, Poland, and New Zealand.

On the occasion of the solemn opening of the XXVIIth Conference of the International Society for Fluoride Research (XXVIIth Conference of the ISFR), on behalf of the Conference Organizing Committee, the China Endemic Diseases Society and the International Society for Fluoride Research, we cordially welcome you, the specialists and delegates from various countries of the world and the various provinces, cities, and autonomous regions of China and wholeheartedly thank the leaders of Ministry of Health of China for your presence. We are certain that your participation will contribute to the success of this important conference.
It is very gratifying that since the preparation of the conference began we have had great support and help from various levels of the Chinese government and the organizations and groups interested in the fluoride research in the world. This support and help makes the international conference an exceptionally grand occasion with about 120 participants from Brazil, China, England, Estonian, Germany, India, Iran, Japan, Mexican, Myanmar, New Zealand, Nigeria, Poland, South Africa, Thailand, the United States, Turkey and UNICEF.

In the conference there will be about 50 platform presentations and 40 posters concerned with the health effects, epidemiology, geochemistry, toxicology, metabolism, prevention and treatment of fluorosis. We hope that the conference will play a role in sharing research on fluoride and thereby contribute to improving the health of the people all over the world.

Just one year before the opening of the 29th Olympic games, we are honored to invite you here. We wish you have a nice stay in Beijing, China.

Thanks again for your presence at the meeting.

We wish you success in your presentation in the conference.

Guifan Sun
President of XXVII ISFR
Organizing Committee

GENERAL INFORMATION

Conference dates:
Tuesday, October 9 to Friday, October 12, 2007

Conference venue:
Beijing Rich Hotel (1 South Xinhua Street, Xuanwu District, Beijing 100051, China)

Registration and Information:
The Registration and Information Desk will open from 07:00 to 18:00 Tuesday, October 9. The desk located in the hotel lobby.

Platform Presentations:
Presentation authors are requested to deliver their files of Powerpoint to the secretaries at least one hour before their scheduled presentation time. Presentation authors are kindly requested to observe the time restraints indicated on the program schedule, so that we might maintain the schedule.

Poster Presentations:
Authors presenting posters are requested to deliver their posters to the Program Committee on Tuesday, October 9 at the Registration Desk. Presenting time will
be informed then. During the poster session time, each presenter is kindly requested to stand in front of your poster and to answer the questions.

(Please wear your name tag all the time during the conference)

CONFERENCE PROGRAM SCHEDULE

Tuesday, October 9, 2007
07:00-18:00 Registration
18:30-20:30 Welcome reception

Wednesday, October 10, 2007
08:30-09:45 Opening Ceremony
09:45-10:00 Coffee break
10:00-12:00 Oral session I
12:00-13:00 Lunch
13:00-15:00 Oral session II
15:00-15:15 Coffee break
15:15-16:30 Poster session I
16:30-16:45 Coffee break
16:45-18:00 Poster session II

Thursday, October 11, 2007
08:30-10:15 Oral session III
10:15-10:30 Coffee break
10:30-12:00 Oral session IV
12:00-13:00 Lunch
Afternoon: Visiting Beijing
Evening: Banquet

Friday, October 12, 2007
08:30-10:15 Oral session V
10:15-10:30 Coffee break
10:30-12:00 Oral session VI
12:00-13:00 Lunch
13:00-14:00 Oral session VII
14:00-14:30 Closing Ceremony
WEDNESDAY, OCTOBER 10, 2007

08:30-09:45 OPENING CEREMONY
Welcome by official of Ministry of Health, China
Welcome by the Organizing Committee
Welcome by Professor Jörg Spitz, President of ISFR

09:45-10:00 Coffee break

10:00-12:00 ORAL SESSION I
Chairpersons: Sun Dian-jun, Susheela AK, Mohamedally SM

10:00-10:15
01. FLUORIDE INGESTION AND HEALTH HAZARDS WITH FOCUS ON ANAEMIA IN PREGNANCY AND LOW BIRTH WEIGHT BABIES: GUIDELINES FOR RECTIFICATION
Authors: Susheela AK, Mondal NK, Rashmi G, Ganesh Kamala, Bhasin Shammi, Gupta Gunjan

10:15-10:30
02. MACROSCOPIC EPIDEMIOLOGICAL INVESTIGATION OF DRINKING BRICK TEA TYPE FLUOROSIS IN CHINA
Authors: Sun Dian-jun, Gao Yan-hui, Zhao Li-jun, Yu Guang-qian, Li Quan-le, Wu Liang-you

10:30-10:45
03. THE PATHO-PHYSIOLOGICAL ROLE OF FLUORIDE IONS FROM FLUORIDATION TO FLUORIFICATION IN MEDICINE: ILLUSTRATING THE 1850 LE MILIEU INTERIEUR THEORY
Author: Mohamedally SM

10:45-11:00
04. DAILY TOTAL INTAKE OF FLUORIDE AND THE PREVALENCE OF SKELETAL FLUOROSIS IN TWO VILLAGES IN CHINA
Authors: Xiang QY, Zhou MH, Wu M, Tao R, Chen LS, Liang YX, Zhang MF

11:00-11:15
05. BENEFICIAL ROLE OF CITRUS LIMON ON BLOOD AND URINE PHYSIOLOGY OF VILLAGERS RESIDING IN FLUORIDE ENDEMIC AREA OF DAUSA –DISTRICT
Authors: Sharma JD, Sharma PK
11:15-11:30

06. STUDY ON REPRODUCTIVE ENDOCRINE DISTURBING OF FLUORIDE EXPOSURE POPULATION
Authors: Ma Xiao-ying, Gao Li-hua, Hou Jun, Cui Liu-xin

11:30-11:45

07. FLUORIDE CONTENTS IN IRANIAN BLACK TEA
Authors: Mahvi AH, Zazoli MA

11:45-12:00

08. FLUORIDE CONTENT OF BOTTLED WATERS AVAILABLE IN IRAN
Authors: Dobaradaran Sina, Mahvi Amirhossien, Dehdashti Soheila

12:00-13:00 Lunch

13:00-15:00 ORAL SESSION II
Chairpersons: Gangal RK, Spittle Bruce, Anna L Choi

13:00-13:15

09. DYSPEPSIA ASSOCIATED WITH FLUORIDATED WATER
Author: Spittle Bruce

13:15-13:30

10. COMPARISON OF WATER EXTRACTION RATES OF FLUORIDE AND METAL ELEMENTS IN VARIOUS CHINESE BRICK TEAS
Authors: Li Hai-rong, Zhao Xiao-yu, Hou Kun, Feng Fu-jian, Wang Li-zhen, Liu Qing-bin, Wang Wu-yi

13:30-13:45

11. ESTIMATION OF FLUORIDE INTAKE SOURCES AND FLUOROSIS AMONG THE POPULATION LIVING IN THE CHIANG MAI BASIN, THAILAND
Authors: Takeda Tomoko, Wongureng Aunnop, Takizawa Satoshi, Choompolkul Wuttichai, Chaimongkol Supak, Wattanachira Suraphong

13:45-14:00

12. DENTAL CARIES AND FLUOROSIS AMONG 12-YEAR-OLD CHILDREN WITH DIFFERENT FLUORIDE EXPOSURE IN HEILONGJIANG PROVINCE, PR CHINA
Authors: Bao Li, Li Yan, Zhang Ying

14:00-14:15
13. INCIDENCE OF FLUORIDE IN WATER RESOURCES OF FOUR STATES OF INDIA, STUDIES ON FACTORS INFLUENCING THE DISTRIBUTION OF THE ION & NANOFILTRATION APPROACH

Author: Gangal RK

14:15-14:30

14. EFFECTS OF FLUORIDE AND RELATED FACTORS ON THE NERVOUS SYSTEM

Authors: Ge Ya-ming, Niu Rui-yan, Wu Chun-xiang, Sun Zi-long, Wang Jun-dong

14:30-14:45

15. POTENTIALS FOR DEVELOPMENTAL FLUORIDE NEUROTOXICITY

Authors: Anna L Choi, Philippe Grandjean

14:45-15:00

16. OBSERVATION ON FLUORIDE CONTAMINATION IN GROUNDWATER OF DISTRICT BHILWARA, RAJASTHAN AND A PROPOSAL FOR A LOW COST DEFLUORIDATION TECHNIQUE

Authors: Sharma KC, Mohd Arif, Hussain I, Hussain J

15:00-15:15 Coffee break

15:15-16:30 POSTER SESSION I

Chairpersons: Chlubek D, Wang Jun-dong, Jing Ling

P01. STUDY ON BRICK TEA TYPE FLUORIDE-ALUMINUM COMBINED TOXICOSIS IN HULUNBEIER, INNER MONGOLIA, CHINA


P02. EXPERIMENTAL EVALUATION OF MUSCULAR DAMAGE IN FLUOROSIS

Authors: Shashi A, Bhushan Bharat

P03. CEREBRAL NEUROLEGENRATION IN EXPERIMENTAL FLUOROSIS

Authors: Shashi A, Sharma Neetika

P04. EFFECTS OF SODIUM FLUORIDE ON MMP-13 MRNA AND TIMP-1 MRNA IN RAT BONE TISSUE

Authors: Sun Dianjun, Gao Yan-hui, Zhou Ling-wang, Yu Jun, Li Ying, Wang Yu
**P05.** EFFECT OF SUBCHRONIC FLUOROSIS ON INOS EXPRESSION IN RAT BONE TISSUE
Authors: **Gao Yan-hui**, Sun Dian-jun, Zhou Ling-wang, Yu Jun, Li Ying, Wang Yu

**P06.** EFFECTS OF SODIUM FLUORIDE ON LIPID PEROXIDATION AND ANTIOXIDANT ENZYMES IN SUBMANDIBULAR GLANDS OF RATS
Authors: **Yamaguti PM**, Ganzerla E, Simões A, Nesadal D, Nicolau J

**P07.** TOTAL ANTIOXIDATIVE STATUS OF ISOLATED HEPATOCYTES EXPOSED TO F-ION ACTIVITY
Author: **Pawlowska-Góral K**

**P08.** A COMPUTATIONAL STUDY ON A HYPOTHESIS LINKING ALUMINUM FLUORIDE TO ALZHEIMER DISEASE-SEARCHING FOR BINDING DOMAINS OF B-AMYLOID
Authors: Anna Szyperska, Zygmunt Machoy, **Anna Machoy M**, Janusz Rak, Bogusław Machaliński

**P09.** FLUORIDE INFLUENCE ON PREVALENCE OF OSTEOSARCOMA IN WESTERN POMERANIA BETWEEN 1980 AND 2006
Authors: **Bohatyrewicz A**, Kotrych D, Machoy Mokrzyńska A, Ziętek P

**P10.** THE INFLUENCE OF LIPID COMPOUNDS ON THE CONCENTRATION OF FLUORIDES IN THE ANTLERS AND BONES OF ROE DEER (CAPREOLUS CAPREOLUS)
Authors: Piotrowska Sylwia, Gutowska Izabela, Machoy Zygmunt, **Bohatyrewicz Andrzej**, Chlubek Dariusz, Strzelczak Agnieszka

**P11.** EXCESSIVE FLUORIDE ACCUMULATION IN ANTELOPE MANAGED WITHIN A RESTRICTED GEOGRAPHIC AREA
Authors: **Labuschagne K**, Bain C, Bartels P

**P12.** INVESTIGATION OF FLUORIDE CONCENTRATION IN DRINKING WATER SOURCES AND DMFT PREVALENCE AMONG 10 YEARS OLD SCHOOL CHILDREN IN SANANDAJ, IRAN
Authors: **Maleki Afshin**, Ebrahimi Roya

**P13.** EFFECT OF FLUORIDE ON ACTIVITIES OF ENZYME AND ULTRASTRUCTURE IN PRIMARY CULTURED RAT HEPATOCYTES
Authors: **Guo Xiao-ying**, Li Bing, Sun Gui-fan

**P14.** AMINO ACID METABOLISM AND EFFECTS OF GLUCOSE INFUSION IN FLUOROACETATE EXPOSED-RATS
Authors: **Tsuji Hiroshi**, Shimizu Hiroyasu, Fujihara Michiko, Shimbo Yukari, Tanaka Hiroaki, Kono Koichi
P15. EPIDEMIOLOGICAL INVESTIGATION OF DRINKING WATER FLUORINE POLLUTION IN LONGHANG COUNTRY OF QIANNAN GUIZHUO
Authors: Gu Ming-hong, Wang De-xin, Wang Ming-xiang

P16. FLUORIDE LEVELS IN VARIOUS TEA-BASED BEVERAGES OF JAPAN AND IN CHINESE TEA INFUSIONS
Authors: Shimmura T, Nakazaki M, Horii Y, Nagase H, Mitsui H, Kagamimori S

P17. FLUORIDE EXPOSURE CAUSE ACCELERATED BONE RESORPTION IN INNER MONGOLIAN YOUNG WOMEN?

P18. RELATIONSHIP BETWEEN DENTAL CARIES AND DRINKING WATER FLUORIDE AMONG CHILDREN IN ESTONIA
Authors: Indermitte Ene, Saava Astrid, Olak Jana, Russak Silvia

P19. PREVENTION ON STAINING AND PITTING OF CHILDREN’S DENTAL FLUOROSIS IN HIGH-FLUORIDE AREA OF SHANXI PROVINCE
Authors: Ren Ji-fang, Ji Yuan-yuan, Zhao Jing

P20. THE 100 YEAR HISTORY OF INDUSTRIAL FLUORIDE POLLUTION AND FLUOROSIS
Author: Wang Jun-dong

P21. THE FORMATION AND ENRICHMENT REGULARITIES OF HIGH FLUORIDE IN GROUNDWATER IN DALI COUNTY, SHAANXI
Authors: Zhu Hua, Yang Bing-chao, Zhang Er-yong, Ke Hai-ling, Zhao An-ning, Qiao Gang, Liu Rui-ping

16:30-16:45 Coffee break

16:45 -18:00 POSTER SESSION II
Chairpersons: Sharma JD, Qian Cong, Yu Guang-qian

P22. CHANGES IN THE CONCENTRATION OF F AND BIOGENIC ELEMENTS IN THE TEETH OF RATS WITH TYPE 1 DIABETES, AS A FACTOR POTENTIALLY INDUCING TOOTH DECAY
Authors: Gutowska I, Baranowska-Bosiacka I, Dudzińska W, Marchlewicz M, NoceńI, Czupryńska K, Wiszniewska B, Chlubek D

P23. CHANGES IN THE CONCENTRATION OF BIOGENIC ELEMENTS IN THE BLOOD SERUM AND BONES OF RATS WITH
TYPE 1 DIABETES, AND THEIR POTENTIAL ROLE IN THE APPEARANCE OF OSTEOPOROSIS

Authors: Gutowska I, Baranowska-Bosiacka I, Dudzińska W, Marchlewicz M, NoceńI, Czupryńska K, Wiszniewska B, Chlubek D

**P24.** SURVEY OF FLUORIDE CONCENTRATION IN DRINKING WATER SOURCES AND PREVALENCE OF DMFT IN THE 12 YEARS OLD STUDENTS IN ZANJAN, IRAN

Authors: Eslami Akbar, Abdollahi Nasrin, Nasirri Mahmood

**P25.** ANALYSIS REPORT ON THE SURVEY RESULT OF ENDEMIC DRINKING WATER FLUOROSIS IN QINGHAI IN 2006

Authors: Wei Sheng-ying, Lu Qing, Li You-fu, Ding Ping, Zhang Xiu-li

**P26.** ANALYSIS ON MONITOR RESULTS OF WATER-RELATED ENDEMIC FLUOROSIS AREAS IN GUANGDONG PROVINCE FROM 1991 TO 2005

Authors: Wu Jin-quan, Yin Dong-mei, Dai Chang-fang, Wu He-yan, Hong Guang-hui, Du Guo-xin

**P27.** ANALYSIS ON PREVENTIVE RESULTS OF IMPROVED WATER SUPPLY THROUGH DEFLUORIDATION IN ENDEMIC FLUOROSIS AREAS

Authors: Li Jun, Cheng Xiao-tian, Wang Zheng-hui

**P28.** MITIGATION OF FLUOROSIS IN CHILDREN THROUGH AMLA MURABBA

Authors: Sharma JD, Sohu Deepika, Jain Parul

**P29.** DEFLUORIDATION OF WATER WITH ALUM AND POLY-ALUMINUM CHLORIDE (PAC)

Authors: Yousefi Zabihollah, Arefi A

**P30.** ANALYSIS OF REFERENCE CONCENTRATIONS OF URINARY FLUORIDE FROM JAPANESE INHABITANTS

Authors: Usuda K, Kono K, Dote T, Yamadori E, Mitsui G, Sun W

**P31.** RADIOLOGICAL MODIFICATIONS OF BONE AND JOINT AMONG RESIDENTS OF ENDEMIC FLUOROSIS AREA FOR IMPROVING WATER 40 YEARS

Author: Huang Chang-qing

**P32.** STUDY ON QUICK METHOD OF DETERMINING TRACE FLUORIDE USING ELIASA

Authors: Zhang Zhi-yu, Han Bing, Qian Cong

**P33.** FLUORIDE AND DOWN SYNDROME – AN UPDATE

Author: Burgstahler Albert W
**P34. INFLUENCE OF FLUOROSIS ON ERK1/2 SIGNAL TRANSDUCTION IN RAT BRAINS AND ON LEARNING AND MEMORY OF RATS**
Authors: **Liu Yan-Jie**, Gao Qin, Guan Zhi-Zhong

**P35. EFFECTS OF FLUORIDE ON LEARNING AND MEMORY OF RATS AND CHOLINESTERASE ACTIVITY IN RAT BRAINS**
Authors: **Gao Qin**, Liu Yan-jie, Wu Chang-xue, Long Yi-guo and Guan Zhi-zhong

**P36. STUDIES ON THE CORRELATION RELATIONS OF ELEMENTS THAT FLUORINE, ARSENIC AND IODINE IN 5 COUNTRIES OF QINGHAI PROVINCE, CHINA**
Author: **Li You-fu**

**P37. EVALUATION OF CARIES INCIDENCE AND SEVERITY OF 6 AGE-TEETH IN CHILDREN BETWEEN 7-10 YEARS-OLD WITH DENTAL FLUOROSIS AND NON-FLUOROSIS**
Authors: Kırzıoğlu Zuhal, **Küçükeşmen Çiğdem**, Altun Ayşe C, Erdoğan Yıldırım

**P38. INFLUENCES OF DENTAL FLUOROSIS AND DEPROTEINISATION TREATMENT ON SHEAR BOND STRENGTHS OF COMPOSITE RESTORATIONS IN PERMANENT MOLAR TEETH**
Authors: Aras Şaziye, **Küçükeşmen Çiğdem**, Küçükeşmen Hakkı C

**P39. ESTIMATION OF THE NUMERICAL DENSITY OF ODONTOBLAST CELLS IN FLUOROTIC AND NON-FLUOROTIC TOOTH PULP**
Authors: **Kırzıoğlu Zuhal**, Köselem ŞENTUT T

**P40. SALIVARY SIALIC ACID LEVELS OF THE CHILDREN LIVING IN AN ENDEMIC FLUOROSIS AREA**
Authors: **Kırzıoğlu Zuhal**, Karayilmaz Hüseyin, Ceyhan Derya, Ulu Kadriye G

**P41. PRESENT SITUATION OF ENDEMIC FLUOROSIS AFTER IMPROVING COOKING STOVE IN RURAL AREA OF ZHEJIANG PROVINCE**
Authors: **Zhou Jin-shui**, Huang Xue-min, Chen Ying, Zhu Wen-ming

**P42. PORTABLE X-RAY PROTECTING BELLows SHIELD MODEL AND ITS USING IN ENDEMIC DISEASES FLOWING X-RAY PHOTOGRAPHING**
Authors: **Chen Pei-zhong**, Li Heng-xiang, Zhang Hua-fang, Ma Ai-hua

**P43. THE SOURCE OF FLUORINE CONTENT IN GROUNDWATER AND ITS ENRICHMENT-TAKE GANZHOU DISTRICT OF GANSU PROVINCE FOR EXAMPLE**
Authors: **An Yong-hui**, Zhang Fu-cun, He Jin, Han Shuang-bao, Li Xu-feng, Yao Xiu-ju
THURSDAY, OCTOBER 11, 2007

08:30-10:15 ORAL SESSION III

Chairpersons: Akiniwa Kenji, Xiang Quan-yong, Zygmunt Machoy

08:30-08:45
17. RISK OF JOWAR CONSUMPTION ASSOCIATED WITH SEVERITY OF DENTAL FLUOROSIS IN NORTH KARNATAKA
Authors: Chandrashekar J, Thankappan KR, Sundaram KR
08:45-09:00
18. THE ANTICARIES EFFECT OF FLUORIDE MOUTH RINSES EVALUATED WITH ANNUAL DMFT INDEX IN CHILDREN AT 12 YEARS OF AGE
Authors: Akiniwa Kenji, Narita Kenichi, Nagumo Akio
09:00-09:15
19. RESEARCH OF FLUORIDE IN CHINA- ELIMINATE THE HARMFUL IMPACTS, IMPROVE THE BENEFICIAL EFFECTS
Author: Sun Gui-fan
09:15-09:30
20. REGULATION OF SODIUM FLUORIDE ON THE EXPRESSION OF OPG AND RANKL mRNA IN MOUSE OSTEOBLASTS
Authors: Wang Jian-fang, Zhao De-ming, Zhang Guo-zhong, Wu Pei-fu, Qu Wei-jie, Zhao Ji-xun, Han Bo
09:30-09:45
21. ROLE OF OXIDATIVE STRESS IN FLUORIDE-EXPOSED OSTEOBLASTS
Authors: Xu Hui, Jing Ling, Li Guang-sheng
09:45-10:00
22. EVALUATING MITIGATIVE ROLE OF CURCUMIN AND MELATONIN AGAINST ARSENIC AND FLUORIDE INDUCED GENOTOXICITY
Authors: Tiwari Hemlata, Rao MV
10:00-10:15
23. EXPRESSION OF CORE-BINDING FACTOR A1 AND OSTEOCALCIN IN FLUORIDE-TREATED FIBROBLAST AND OSTEOBLAST
Authors: Jing Ling, Xu Hui, Li Guang-sheng

10:15-10:30 Coffee break

10:30-12:00 ORAL SESSION IV
Chairpersons: Albert W Burgstahler, Guan Zhi-zhong, Mahaboob Basha P
10:30-10:45
24. ALTERATIONS IN CALCIUM HOMEOSTASIS ON FLUORIDE EXPOSURE IN RAT BRAIN SYNAPTOSOMES AND AMELIORATION BY ANTIOXIDANT SUPPLEMENTATION
Authors: Madhusudhan N, Mahaboob Basha P, Jayaprakash, Shabana Begum
10:45-11:00
25. CHANGED CHOLINERGIC RECEPTORS AND CELLULAR MEMBRANE LIPIDS IN RAT BRAINS AND CULTURAL NEURONS EXPOSED TO EXCESSIVE FLUORIDE
Authors: Guan Zhi-zhong, Gao Qin, Liu Yan-jie
11:00-11:15
26. STRONG TOXICITY, HYPOCALCEMIA AND HYPERKALEMIA, SEVERE HEPATIC DAMAGE AND RENAL DYSFUNCTION IN OCCUPATIONAL ACCIDENT MODEL OF CADMIUM FLUORIDE IN RATS
Authors: Yamadori E, Dote T, Kono K, Usuda K, Mitsui Go, Sun Wei
11:15-11:30
27. EFFECT OF SODIUM FLUORIDE AND SULFUR DIOXIDE ON APOPTOSIS AND APOPTOSIS-DEPENDENT PROTEINS EXPRESSION OF SPERMATOGENIC CELLS IN MALE RAT
11:30-11:45
28. THE SERUM ELECTROLYTES DISORDER, ACID-BASE UNBALANCE AND RENAL DYSFUNCTION AFTER ACUTE EXPOSURE OF LOW CONCENTRATIONS OF HYDROFLUORIC ACID IN RATS
Authors: Mitsui G, Dote T, Kono K, Usuda K, Yamadori E, Sun W
11:45-12:00
29. INFLUENCE OF SUBCHRONIC EXPOSURE TO EXCESSIVE FLUORIDE ON LEVEL OF BONE SIALOPROTEIN EXPRESSION IN RAT BONE TISSUE
Authors: Han Bing, David KC, Qian Cong
12:00-13:00 Lunch
Afternoon: Visiting Beijing
Evening: Banquet

**FRIDAY, OCTOBER 12, 2007**

**08:30-10:15 ORAL SESSION V**

Chairpersons: Kono K, Zheng Bao-shan, Tsunoda M

08:30-08:45

30. FLUOROSIS CAUSED BY INDOOR COAL COMBUSTION IN CHINA: DISCOVERY AND PROGRESS


08:45-09:00

31. MELATONIN AMELIORATES FLUORIDE INDUCED TOXICITY IN THE LIVER OF MICE

Authors: **Rao MV**, Chawla Sunita, Yadav Richa, Shah Deval

09:00-09:15

32. THE EFFECTS OF CALCIUM AND PROTEIN ON FLUORIDE METABOLISM BALANCE OF RATS

Authors: **Yu Guang-qian**, Zheng Bao-shan, Sun Dian-jun

09:15-09:30

33. EFFECTS OF FLUORIDE ON VIABILITY AND CYTOKINE PRODUCTIONS OF HEREDITARY NEPHROTIC MICE AFTER ORAL ADMINISTRATION FOR ONE MONTH


09:30-09:45

34. EFFECT OF NUTRITION ON ALLEVIATION OF FLUOROSIS

Authors: **Wang Jin-ming**, Zhou Bian-hua, He Ying, Wang Jun-dong

09:45-10:00

35. BENEFICIAL EFFECT OF MAGNESIUM COMPOUND ON FLUORIDE TOXICITY IN RABBITS

Authors: **Khandare Arjun L**, Kumar Uday P, Kumar Dinesh B

10:00-10:15
36. EFFECT OF NUTRITION AND FLUORIDE ON THYROID GLAND IN RATS
Authors: Wang Hong-wei, Ge Ya-ming, Zhou Bian-hua, Wang Jun-dong

10:15-10:30 Coffee break

10:30-12:00 ORAL SESSION VI
Chairpersons: Jörg Spitz, Paul Connett, Wang Ai-guo

37. FLUORIDE DISTRIBUTION AND MODELING USING BEST SUBSET PROCEDURE IN NAGOUR DISTRICT OF CENTRAL RAJASTHAN, INDIA
Authors: Hussain J, Shrama KC, Mohd Arif, Hussain I

38. THE ENDEMIC FLUOROSIS THROUGH DRINKING WATER AND GEOLOGICAL ENVIRONMENT IN THE NORTHEAST
Authors: Di Zhi-qiang, Li Jing-chun, Miao Ying, Jin Hong-tao, Li Xu-guang, Wang Chang-qi, Li Xiao, Guo Xiao-dong

39. RELATION OF COL1A2 GENE POLYMORPHISMS TO DENTAL FLUOROSIS IN CHILDREN EXPOSED TO FLUORIDE
Authors: Ba Yue, Huang Hui, Cheng Xue-min, Zhu Jing-yuan, Yang Yue-jin, Ma Jian-guo, Zhang Yu-ling, Yan Ping-ping, Zhu Cai-rong, Kilfoy Briseis, Zhang Ya-wei, Cui Liu-xin

40. EFFECT OF FLUORIDE DOSAGE AND NUTRITION ON RIB COLLAGEN GENE EXPRESSION
Authors: Yan Xiao-yan, Li Wen-tao, Wang Jun-dong

41. EXPRESSION OF OSTEOPROTEGERIN AND OSTEOPROTEGERIN LIGAND IN THE BONE OF FLUOROSIS RATS
Author: Yu Jun, Sun Dian-jun, Gao Yan-hui

42. THE mRNA EXPRESSIONS OF FAS, FASL, CASPASE-8 AND CASPASE-3 IN NaF-INDUCED APOPTOSIS IN SH-SY5Y CELLS
Authors: Wang Ai-guo, Xu Ba-yi, Xia Tao, He Ping, He Wei-hong, Gao Ping, Xu Zhi-xia, Chen Xue-min
12:00-13:00 Lunch

13:00-14:30 Oral session VII

**Chairpersons: Mahvi AH, Cui Liu-xin**

13:00-13:15

**43. DISTRIBUTION OF FLUORINE AND ARSENIC IN THE CLAY AND SOIL IN THE FLUOROSIS AREA OF SOUTHWEST CHINA**

Authors: **Luo Kun-li, Li Hui-jie, Feng Fu-jian, Chen Tong-ben, Bi Shi-gui, Wu Xue-zhi, Liao Xiao-yong, Li Wei, Li Ying-gui, Chen Zou-shu, Zhou Guang-lai**

13:15-13:30

**44. FIX FLUORINE AND SULFUR OF INDOOR COAL-COMBUSTION IN SOUTHWEST CHINA ENDEMIC FLUOROSIS AREAS**

Authors: **Li Hui-jie, Luo Kun-li, Wu Xue-zhi, Bi Shi-gui, Li Wei, Hong Qing**

13:30-13:45

**45. GEOCHEMISTRY OF FLUORINE IN CHILES FROM SOUTHWESTERN CHINA AND THE IMPACT ON PUBLIC HEALTH**

Authors: **Li Bo, Li She-hong, Wang Ming-guo, Liu Xiao-jing, Zheng Bao-shan**

**13:45-14:15 CLOSING CEREMONY**