

***INTERNATIONAL CONFERENCE
“HEALTH EFFECTS OF THE
CHORNOBYL ACCIDENT -
30 YEARS AFTERMATH”***

18-19 APRIL 2016, KYIV, UKRAINE

Programme



Schedule

18.04.2016 Day 1		
8:00 - 9:30		
9:30 – 10:00	Opening	
10:00 – 11:45	Plenary session 1 «ROLE OF CHORNOBYL IN UNDERSTANDING OF HEALTH EFFECTS DUE TO IONIZING RADIATION» (conference hall 1)	
Coffee Break		
12:00 – 13:30	Plenary session 2 «EPIDEMIOLOGY STUDIES OF HEALTH EFFECTS OF THE CHORNOBYL ACCIDENT» (conference hall 1)	
Lunch		
14:30 - 16:20	Session 1a «THYROID DISEASES AFTER CHORNOBYL» (conference hall 1)	Session 1b «DOSIMETRY STUDIES AND RISK ASSESSMENT PROBLEMS» (conference hall 2)
Coffee Break		
16:30 – 17:40	Session 1a (Continue) «THYROID DISEASES AFTER CHORNOBYL» (conference hall 1)	Session 2 «CIRCULATORY SYSTEM DISEASES» (conference hall 2)
17:40 – 18:30	Poster session	
19.04.2016 Day 2		
9:00 – 11:15	Plenary session 3 «MECHANISMS OF RADIATION EFFECTS» (conference hall 1)	
Coffee Break		
11:30 – 13:30	Plenary session 4 «MEDICAL COMSEQUENCES» (conference hall 1)	
Lunch		
14:00 – 16:30	Session 3 «RADIOECOLOGY PROBLEMS OF THE CHORNOBYL ACCIDENT» (conference hall 1)	Session 4 «PSYCHO-SOCIAL IMPACT OF RADIATION EMERGENCIES, RISK COMMUNICATION TO PUBLIC, SOCIAL MOBILIZATION AND COMMUNITY ENGAGEMENT» (conference hall 2)
16:30-17:45	SECTION SUMMARIES AND ROUND TABLE: «HEALTH EFFECTS OF CHORNOBYL – IMPLICATIONS FOR FUTURE» (conference hall 1)	
17:45	CLOSING OF THE CONFERENCE (conference hall 1)	

The 1 st Day, Monday, 18th April, 2016		
08:00 - 09:30	Registration	
09:30 – 10:00	Opening of the Conference V.I. Tsymbaliuk , President of the National Academy of Medical Sciences of Ukraine Welcome from: Parliament's Committee Ministry of Health of Ukraine State Inspection of Nuclear Regulation of Ukraine World Health Organization (WHO) The United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) The United Nations Development Programme (UNDP) All-Ukrainian NonGovernmental Organization of Invalids "Soiuz Chornobyl of Ukraine"	
10:00 - 11:45	PLENARY SESSION 1 (conference hall 1) ROLE OF CHORNOBYL IN UNDERSTANDING OF HEALTH EFFECTS DUE TO IONIZING RADIATION	
Moderators	Weiss W. UNSCEAR Carr Zh WHO	
10:00 - 10:15	HEALTH EFFECTS OF CHORNOBYL ACCIDENT IN UKRAINE	Bazyka D. A. <i>SI "National Research Centre for Radiation Medicine of the NAMS of Ukraine" (NRCRM)</i>
10:15 - 10:30	FUNDAMENTAL AND APPLIED ASPECTS OF A STUDY OF RADIOINDUCED THYROID CANCER AS AN EFFECT OF THE CHORNOBYL ACCIDENT (30 YEARS OF FOLLOW-UP)	Tronko M. D. <i>SI "V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine"</i>
10:30 - 10:45	UNSCEAR AND CHORNOBYL RESEARCH (<i>to be clarified</i>)	Weiss W. UNSCEAR
10:45 - 11:00	WHO ROLE IN MITIGATION OF THE CONSEQUENCES OF THE CHORNOBYL ACCIDENT	Carr Z. WHO
10:00 - 11:15	INTEGRATED DOSIMETRIC PASSPORTIZATION OF THE SETTLEMENTS IN UKRAINE AND INDIVIDUALIZED EXPOSURE DOSE RECONSTRUCTION FOR THE SUBJECTS OF UKRAINIAN STATE REGISTER (EXPERIENCE, RESULTS AND PROSPECTS)	Likhtariov I. A., Kovgan L. M. <i>NRCRM, Ukraine</i>
11:15 – 11:30	THE HEALTH STATUS OF PERSONS WHO SURVIVED ACUTE RADIATION SICKNESS AS A RESULT OF THE ACCIDENT AT THE CHERNOBYL NPP	Bilyi D.O., Sushko V.O., Klymenko S.V., Dubrovina G.V., Bazyka D.A. <i>NRCRM, Ukraine</i>
11:30 – 11:45	PROBLEMS OF MEDICAL AND DOSIMETRIC MONITORING OF PERSONNEL WORKING IN CHORNOBYL NPP "SHELTER" HAZARD CONDITIONS	Sushko V.O., Bazyka D.A., Likhtariov I.A <i>Nechayev S.Yu., Berkovsky V.B., Loganovsky K.M., Liashenko L.O., Nezhovorova G.A., Bonchuk Yu. V., Ratiya G.G., Kolosynska O.O., Perchuk I.V.</i> <i>NRCRM, Ukraine</i>
11:45 - 12:00	Coffee Break	

12:00 - 13:30	PLENARY SESSION 2 (conference hall 1) EPIDEMIOLOGY STUDIES OF HEALTH EFFECTS OF THE CHORNOBYL ACCIDENT	
Moderators	Cardis E. <i>CREAL, Spain</i> Bazyka D. <i>NRCRM</i>	
12:00 - 12:15	LEUKEMIA AND OTHER HEMATOLOGICAL DISEASES AMONG CHORNOBYL CLEAN-UP WORKERS IN UKRAINE	Romanenko A.Yu.¹, Mabuchi K.², Bazyka D.A.¹, Gudzenko N.A.¹, Chumak V.V.¹, Diagil I.S.¹. ¹ <i>NRCRM, Ukraine</i> ² <i>NCI, USA</i>
12:15 – 12:30	THE SHAMISEN PROJECT	Cardis E. <i>CREAL, Spain</i>
12:30 – 12:45	CO-CHER – AN INTERNATIONAL EFFORT FOR SUSTAINABLE CHORNOBYL HEALTH RESEARCH	Kesminiene A. <i>IARC, France</i>
12:45 – 13:00	EPIDEMIOLOGY OF CANCER AFTER CHORNOBYL ACCIDENT.	Prysyazhnyuk A.Ye. <i>NRCRM, Ukraine</i>
13:00 – 13:15	RADIATION CATARACTS	Kundiev Yu.I.¹, Fedirko P.A.², Chumak V.V.², Vitte P.M.¹ ¹ <i>SI “Institute of Occupation Medicine of the NAMS of Ukraine”</i> , ² <i>NRCRM, Ukraine</i>
13:15 – 13:30	INFLUENCE OF THE CHORNODYL ACCIDENTS CONSEQUENCES FOR UKRAINIAN POPULATION - 30 YEARS AFTERMARCH	Omelianets M.I., Gunko N.V. <i>NRCRM, Ukraine</i>
13:30 - 14:30	Lunch	

<i>Time</i>	<i>Agenda Item</i>	<i>Speaker</i>
14:30 - 17:40	SESSION 1a (conference hall 1) THYROID DISEASES AFTER CHORNOBYL	
Moderators	Tronko M.D. <i>SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”</i> Abend M. <i>Bundeswehr Institute of Radiobiology, Germany</i>	
14:30 – 14:45	HISTOPATHOLOGY OF THYROID CANCER IN UKRAINE AFTER CHORNOBYL ACCIDENT	Bogdanova T.I. <i>SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”</i>
14:45 – 15:00	IODINE-131 DOSE-DEPENDENT GENE EXPRESSION: ALTERATIONS IN BOTH NORMAL AND TUMOR THYROID TISSUE OF POST-CHORNOBYL THYROID CANCERS	M. Abend¹, R. M. Pfeiffer², C. Ruf¹, M. Hatch³, T. I. Bogdanova⁴, M. D. Tronko⁴, J. Hartmann¹, V. Meineke¹, K. Mabuchi³, and A. V. Brenner³ ¹ <i>Bundeswehr Institute of Radiobiology, Germany;</i> ² <i>Biostatistics Branch, Division of Cancer Epidemiology and Genetics, USA;</i> ³ <i>Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics, USA;</i> ⁴ <i>SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of Academy of the NAMS of Ukraine”, Ukraine</i>
15:00 - 15:15	BIOLOGICAL IMPACT OF RADIATION AND IODINE DEFICIENCY ON THYROID CELL	Derradji H. <i>Belgian Nuclear Research Centre (SCK-CEN)</i>
15:15 – 15:30	PECULIARITIES OF THE EXPRESSION OF SODIUM-IODINE IMPORTER IN THE DIAGNOSIS OF PAPILLARY THYROID CANCER	Karachentsev Yu.I., Khaziev V.V., Dubovik V.N., Sazonov M.Ye., Korchagin Ye.P., Korkelia A.G. <i>SI “V.Ya. Danilevsky Institute of Endocrinology Pathology Problems of the</i>

		<i>NAMS of Ukraine</i>
15:30 – 15:40	THYROID CANCER AND PREGNANCY.	Oliyynyk V.A. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
15:40 – 15:50	REPRODUCTIVE HEALTH STATUS IN MALES WITH THYROID CANCER IN THE DYNAMICS OF TREATMENT	Luchytsky Ye.V., Luchytsky V.Ye., Zubkova G.A., Rybalchenko V.M., Skladanna I.I., Gulevatyi S.V., Zynych P.P SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
15:50 – 16:00	IODINE DEFICIENCY AS ONE OF THE FACTORS OF THYROID DISEASES AMONG THE POPULATION OF REGIONS AFFECTED BY THE CHORNOBYL ACCIDENT.	Kravchenko V.I. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
16:00 – 16:10	FOCAL THYROID PATHOLOGY IN POST-CHORNOBYL PERIOD ACCORDING TO THE DATA OF MORPHOLOGIC STUDIES	Shidlovsky V.O., Deikalo I.M., Shidlovsky O.V. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
16:10 – 16:20	NON-CANCER THYROID DISEASES IN UKRAINE AFTER CHORNOBYL ACCIDENT - 30 YEARS OF FOLLOW-UP	Kaminsky O.V. NRCRM, Ukraine
16:20 - 16:30	Coffee breake	
16:30 - 16:40	THYROID NODULES AND PAPILLARY CARCINOMAS. CONCEPT OF A THERAPEUTIC AND DIAGNOSTIC PROTOCOL 30 YEARS AFTER THE CHORNOBYL ACCIDENT	Kovalenko A.Ye. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
16:40 - 16:50	THYROID NODULES: MODERN DIAGNOSIS AND CLINICAL MANAGEMENT	Matyashchuk S.I. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
16:50 - 17:00	PROMISING TRENDS IN THE DEVELOPMENT OF CYTOLOGICAL DIAGNOSIS IN UKRAINE	Bozhok Yu.M., Zelinska G.V. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
17:00 - 17:10	IMPROVEMENT OF METHODS OF SURGERY FOR A THYROID CANCER	Bolgov M.Yu., Yanchiy I.R., Tarashchenko Yu.N., Kobrinskaya N.Ya. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
17:10 - 17:20	APPROACHES TO STANDARDIZATION OF THE MANAGEMENT OF PATIENTS WITH THYROID PATHOLOGY AS A RESULT OF THE CHORNOBYL ACCIDENT	Kvachenyuk A.M. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
17:20 - 17:30	DIAGNOSIS AND TREATMENT OF DISTANT METASTASES IN PATIENTS OF YOUNG AGE WITH DIFFERENTIATED THYROID CANCER	Gulevatyi S.V., Sovenko T.K., Volynets I.P. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
17:30 - 17:40	PECULIARITIES AND MECHANISMS OF IMMUNOLOGICAL ABNORMALITIES FORMATION UNDER CONDITIONS OF RADIOIODINE THERAPY	Zamotayeva G.A. SI “V.P. Komissarenko Institute of Endocrinology and Metabolism of the NAMS of Ukraine”
17:40 - 18:30	Coffee Break and Poster Session	
14:30 – 16:15	SESSION 1b (conference hall 2) DOSIMETRY STUDIES AND RISK ASSESSMENT PROBLEMS	
Moderators	Likhtariov I.A. NRCRM, Ukraine Kundiev Ju.I., NAMN, Ukraine Chumak V.V. NRCRM, Ukraine	
14:30 - 14:40	LONG TERM COMPREHENSIVE INTERNAL EXPOSURE MONITORING OF UKRAINE	Vasylenko V.V., Pikta V.O., Shpachenko D.I., Litvinets L.O., Nechayev S.Yu., Tsigankov M.Ya. NRCRM, Ukraine

	CONTAMINATED TERRITORIES INHABITANTS AFTER CHORNOBYL ACCIDENT	
14:40 - 14:50	RECONSTRUCTION OF INDIVIDUAL INTERNAL THYROID DOSES DUE TO CHORNOBYL ACCIDENT EXPOSURE: THE PROBLEMS AND SOLUTIONS	<u>Chepurny M. I.</u> , Masiuk S. V., Kovgan L. M. <i>NRCRM, Ukraine</i>
14:50 - 15:00	RECONSTRUCTION OF INDIVIDUALIZED WHOLE BODY AND THYROID DOSES FOR THE SUBJECTS OF THE UKRAINIAN STATE REGISTER FOR THE CHORNOBYL ACCIDENT SUFFERERS	<u>Ivanova O.M.</u> , Boyko Z.N., Gerasymenko V.B. <i>NRCRM, Ukraine</i>
15:00 - 15:10	THE RADIATION-INDUCED THYROID CANCER RISK ESTIMATION FOR CHILDREN AND ADOLESCENTS EXPOSED TO THE CHORNOBYL ACCIDENT RADIOIODINE ADJUSTED BY CLASSICAL AND BERKSON ERRORS FOR RADIATION DOSES	<u>Masiuk S.V.</u> , Kovgan L.M., Likhtariov I.A. <i>NRCRM, Ukraine</i>
15:20 - 15:30	RADIATION AND HYGIENIC SUBSTANTIATION OF EXISTENT SIZES, CURRENT STATUS AND PERSPECTIVES OF SPECIAL RADIATION ZONE HAZARD OF CHORNOBYL NPP	<u>Bonchuk Yu.V.</u> , Berkovskyy V.B., Ratia G.G. <i>NRCRM, Ukraine</i>
15:30 – 15:40	RADIATION SAFETY AND DOSIMETRIC CONTROL OF INTERNAL IRRADIATION FOR PERSONNEL INVOLVED IN RECONSTRUCTION WORKS AT THE “SHELTER OBJECT” OF CHORNOBYL NPP	<u>Nechayev S.Yu.</u> ^{1,2} , Likhtariov I.A. ^{1,2} , Sushko V.O. ¹ , Berkovskyy V.B. ^{1,2} , Kovgan L.M. ^{1,2} , Bonchuk Yu.V. ^{1,2} , Ratia G.G. ^{1,2} , Vasilenko V.V. ^{1,2} , Tsygankov M.Ya. ^{1,2} , Masiuk S.V. ^{1,2} , Gorbachov S.G. ^{1,2} , Volkernuk T.O. ² , Gerasymenko V.B. ^{1,2} , Pikta V.O. ^{1,2} ¹ NRCRM, Ukraine, ² Research Institute for Radiation Protection of Academy of Technology of Ukraine
15:40 – 15:50	DOSIMETRY OF INTERNAL EMITTERS: UPGRADING THE ICRP METHODOLOGY, CHORNOBYL APPLICATIONS AND FURTHER NEEDS	Berkovskyy V.B. , Ratia G.G., <u>Bonchuk Yu.V.</u> <i>NRCRM, Ukraine</i>
15:50 – 16:00	RADIATION RISK ESTIMATION UNDER UNCERTAINTY IN EXPOSURE DOSES	<u>Kukush O.</u> , Shklyar S. <i>Taras Shevchenko National University of Kyiv, Ukraine</i>
16:00 - 16:10	IS A HEAD THAT INSENSITIVE TO RADIATION? A BRIDGE FROM CHORNOBYL CLEAN-UP WORKERS TO INTERVENTIONAL RADIOLOGISTS	<u>Chumak V.V.</u> ¹ , Kundiev Yu.I. ² , Vitte P.M. ² , Sergienko M.M. ³ , Loganovsky K.M. ¹ , Bakhanova O. ¹ ¹ NRCRM, Ukraine, ² SI “Institute of Occupation Medicine of the NAMS of Ukraine”, ³ P.L. Shupyk National Medical Academy of Postgraduate Education
16:15 - 16:30	Coffee Break	
16:00 – 18:00	<u>Session 2 (conference hall 2)</u> CIRCULATORY SYSTEM DISEASES	
Moderators	Kesminiene A. , <i>IARC, France</i> Bilyi D.O. <i>NRCRM, Ukraine</i>	
16:00 – 16:15	RADIATION AND NON-RADIATION RISK FACTORS FOR CARDIOVASCULAR DISEASES IN CLEAN-UP WORKERS OF THE CHORNOBYL ACCIDENT	Buzunov V. , <i>NRCRM, Ukraine</i>

16:15 – 16:30	THE MOST IMPORTANT CARDIOVASCULAR DISEASES IN CLEAN-UP WORKERS OF THE CHORNOBYL ACCIDENT	<u>Bilvi D.O.</u> , Nastina O.M., Sydorenko G.V., Kursina N.V., Bazyka O.D., Makarevych O.M., Kruglova V.O., Sadova S.V., Kovaliov O. S. <i>NRCRM, Ukraine</i>
16:30 – 16:45	CARDIOTROPIC EFFECTS OF INTERNAL AND EXTERNAL EXPOSURE: PARADOXES OF ¹³⁷ Cs INCORPORATION – METABOLIC CARDIOMYOPATHY	<u>Gritsuk A.I.</u> , Koval A.N., Gritsuk N.A., Zhadeyko R.R., Sergeenko S.M. <i>Gomel State Medical University, Belarus</i>
16:45 – 17:00	CEREBROVASCULAR DISEASES AND CENTRAL NERVOUS SYSTEM LESIONS IN THE SUFFERERS OF THE CHORNOBYL ACCIDENT	<u>Loganovsky K.M.</u> , Chuprovskaya N.Y., Antypchuk K.Yu., Bomko M.O., Loganovska T.K., Kolosynska O.O., Perchuk I.V., Kostiuhenko V.G. <i>NRCRM, Ukraine</i>
17:30 – 18:30	Coffee Break and Poster Session	
19:00	Welcome Reception <i>(by invitation)</i>	

The Day 2 nd . Tuesday, 19th April, 2016		
9:00 – 11:15	PLENARY SESSION 3 (conference hall 1). MECHANISMS OF RADIATION EFFECTS	
Moderators	Chumak A.A., NRCRM, Ukraine Talko V.V., NRCRM, Ukraine	
9:00 – 9:15	SEARCH: A SCORING SYSTEM PREDICTING HEMATOLOGICAL SEVERITY IN THE EARLY PERIOD AFTER EXPOSURE TO IONIZING RADIATION	Port M.¹, Knie T.^{2*}, Dörr H.², Pieper B.², Graessle D.³, Meineke V.² and Abend M.² ¹ Hannover Medical School, Germany ² Bundeswehr Institute of Radiobiology, Germany ³ Ulm University, Germany, and WHO Liaison Institute for Radiation Emergency Preparedness, Germany
9:15 – 9:30	DOSE DEPENDENT CHANGES IN GENE REGULATION OF TELOMERE LENGTH AND APOPTOSIS AT THE LATE PERIOD AFTER CHORNOBYL	Bazyka D.A., Il'yenko I.M., Muzalevska K.D., Belyaev O., NRCRM, Ukraine
9:30 – 9:45	30-YEARS EXPERIENCE STUDY OF RADIATION-INDUCED CYTOGENETIC EFFECTS IN HUMAN SOMATIC CELLS IN DIFFERENT TERMS AFTER THE CHORNOBYL ACCIDENT	Pilinska M.A., Shemetun G. M., Shemetun O.V., Dibskiy S. S., Dibska O.B., Talan O.O., Pedan L.R., Kuriny D.A. NRCRM, Ukraine
9:45 – 10:00	ARE LOW DOSE AND DOSE RATE RADIATION RESPONSES DIFFERENT FROM HIGH DOSE RESPONSES?	Goncharova R. Institute of Genetics and Cytology NAS of Belarus, Minsk
10:00 – 10:15	FORMATION AND REPAIR PECULIARITIES OF DNA RESISTANT DAMAGES UNDER COMBINED EFFECT OF IRRADIATION AND EXOGENOUS NITRIC OXIDE	Muzaliyov I.I. R.E.Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology of the NAS of Ukraine, Kyiv Ukraine
10:15 – 10:30	MOLECULAR FEATURES OF THE RADIATION ASSOCIATED ACUTE LEUKEMIA	Klymenko S.V. NRCRM, Ukraine
10:30 – 10:45	NON-CANCER EFFECTS ASSOCIATED WITH EXPOSURE TO RADIOIODINE IN THE ENDOCRINE SYSTEM OF WOMEN AND THEIR PROGENY	Talko V. Chumak A. Kopylova O. NRCRM, Ukraine
10:45 – 11:00	MECHANISM OF RADIATION-INDUCED LESIONS OF REPRODUCTIVE SPERMAL ABILITIES IN EXPOSED AFTER CHORNOBYL ACCIDENT	Andreychenko S.V., Gorban L.V., Chernyshov A.V., Stamboli L.V., Klepko A.V. NRCRM, Ukraine
11:00 – 11:15	STUDY OF HUMAN TUMOUR TRANSFORMED TISSUES BY X-RAY DIFFRACTION METHODS USING SYNCHROTRON RADIATION	Vazina A.A.¹, N.F. Lanina N.F.¹, Vasilieva A.A.¹, Zabelin A.V.², Podpryatov S.S.^{3,4}, Marinsky G.S.³, Podpryatov S.E.^{3,4} ¹ Institute of Theoretical and Experimental Biophysics, RAS, Pushchino, Russia ² National Research Center "Kurchatov Institute", Moscow, Russia ³ E.O. Paton Electric Welding Institute of the NAS of Ukraine, Kiev, Ukraine ⁴ Municipal Clinical Hospital No. 1, Kiev, Ukraine
11:15 – 11:30	Coffee Break	
11:30 – 13:30	PLENARY SESSION 4 (conference hall 1) MEDICAL CONSEQUENCES	
Moderators	Zabolotny D.I., SI " O.S. Kolomiychenko Institute of Otolaryngology of the NAS of Ukraine", Kyiv, Ukraine	

	Sushko V.O. <i>NRCRM, Ukraine</i>	
11:30 – 11:45	VESTIBULAR AND ACUSTIC DYSFUNCTIONS IN CLEAN-UP WORKERS OF THE CHERNOBYL ACCIDENT (30 YEARS OF FOLLOW-UP)	Zabolotny D.I., Mischanchuk N.S. <i>SI " O.S. Kolomiychenko Institute of Otolaryngology of the NAMS of Ukraine", Ukraine</i>
11:45 – 12:00	RESPIRATORY SYSTEM LESSIONS IN CLEAN-UP WORKERS OF THE CHORNOBYL ACCIDENT	Sushko V.O., Shvaiko L.I., Tereshchenko V.P., Naumenko O.M., Bazyka K.D., Ryazhska A.S., Apostolova O.V. <i>NRCRM, Ukraine</i>
12:00 – 12:15	RADIATION CATARACTS - NEW DATA RECEIVED AFTER CHORNOBYL ACCIDENT	Pasiechnikova N.V., Fedirko P.A. <i>SI "V.P.Filatov Institute of Eye Diseases and Tissue Therapy of the NAMS of Ukraine", Ukraine</i>
12:15 - 12:30	SECONDARY MYELODYSPLASTIC SYNDROME IN ACUTE RADIATION SICKNESS RECONVALESCENTS	Liubarets T.F., Kovalenko O.M., Bebeszko V.G., Pilinska M.A., Belyi D.O., Ilyenko I.I., Dubrovina G.V., Bazyka D.A. <i>NRCRM, Ukraine</i>
12:30 - 12:45	MODERN APPROACHES FOR WOMAN AND CHILDREN HEALTH PROTECTION FROM CONSEQUENCES OF RADIATION ACCIDENTS	Antypkin Yu.G., Mokryk O. M., Davydova Yu.V. <i>SI "Institute of Pediatrics, Obstetrics and Gynecology of the NAMS of Ukraine"</i>
12:45 – 13:00	HEALTH EFFECTS IN CHILDREN IN THE LATE PERIOD OF THE CHORNOBYL ACCIDENT	Stepanova Ye.I. <i>NRCRM, Ukraine</i>
13:00 - 13:15	HEALTH CONDITION OF CHILDREN AFTER THE NUCLEAR ACCIDENT AT FUKUSHIMA-1 NPP AND THE ACTUAL PROBLEMS IN JAPAN	Yuko Yoshida <i>Chernobyl Health Survey and Health Care Support for the Victims – Japan Women's Network, Japan</i>
13:15 – 13:30	PROBLEMS OF MEDICAL EXPERTISE OF THE DISEASES RESULTED IN DISABLEMENT AND DEATH, WITH THE EFFECTS OF THE CHORNOBYL ACCIDENT IN THE REMOTE PERIOD	Sushko V.O., Tatarenko O.M., Kolosynska O.O., Berestiana Z.M. <i>NRCRM, Ukraine</i>
13:30 – 14:30	Lunch	
14:30 - 16:30	SESSION 3 (conference hall 1) RADIOECOLOGY PROBLEMS OF THE CHORNOBYL ACCIDENT	
Moderators	Serdiuk A.M. <i>SI O.M. Marzeyev Institute for Public Health of the NAMS of Ukraine</i> Grodzinsky D.M. <i>Institute of Cell Biology and Genetic Engineering of the NAS of Ukraine</i> Drozd I.P. <i>Institute for Nuclear Research of the NAS of Ukraine</i>	
14:30 – 14:45	RADIOECOLOGY ASPECTS OF THE CHORNOBYL ACCIDENT	Serdiuk A.M. <i>SI "O.M. Marzeyev Institute for Public Health of the NAMS of Ukraine"</i>
14:45 – 15:00	TARGETED AND NON-TARGETED EFFECTS OF CHRONIC EXPOSURE OF LIVING ORGANISMS	Grodzinsky D.M. <i>Institute of Cell Biology and Genetic Engineering of the NAS Ukraine</i>
15:00 – 15:10	COMPARATIVE EFFECTIVENESS OF RADIOPROTECTIVE MEASURES IN THE AGRICULTURAL SPHERE AFTER ACCIDENTS ON CHORNOBYL AND FUKUSHIMA NUCLEAR POWER PLANTS	Gudkov I.M., Pareniuk O.J. <i>National University of Life and Environmental Sciences of Ukraine; Institute of Environmental Radioactivity, Fukushima, Japan</i>
15:10 – 15:20	RADIOECOLOGICAL AND RADIOBIOLOGICAL CONSEQUENCES OF THE CHORNOBYL ACCIDENT FOR FRESHWATER ECOSYSTEMS	Gudkov D.I. <i>Institute of hydrobiology of the NAS of Ukraine</i>
15:20 – 15:30	OPTIMIZATION OF RADIATION-HYGIENIC MONITORING AT THE CURRENT STAGE	Kostenetsky M.I.¹, Lemeshko L.T.¹, Pavlenko T.O.², Aksenov M.V.², Friziuk M.A.², Sevalnyev A.I.³, Kutsak A.V.³ ¹ SI "Zaporizhzhia regional laboratory

		center” ² SI “O.M. Marzeyev Institute for Public Health of the NAMS of Ukraine” ³ Zaporizhzhia Medical University, Ukraine
15:30 – 15:40	RADIOCAPACITY OF BIOTA ECOSYSTEMS AND ENVIRONMENTAL RISKS	¹ Kutlakhmedov Y.A. , ² Matveeva I.V. ¹ Institute of Cell Biology and Genetic Engineering of the NAS of Ukraine ² Institute of Ecological Safety of the NAU, Ukraine
15:40 – 15:50	ECOLOGICAL CONSEQUENCES OF CHORNOBYL AND FUKUSHIMA NPPS ACCIDENTS	Mousseau T.¹, Moller A.², Mappes T.³, Milinevsky G.^{4,*}, Boratynsky Z.⁵, Tukalenko E.⁴, Chizhevsky I.⁶, Kireev S.⁶, Bonisoli-Alquati A.¹, Lavrinenko A.⁴, Krasnov V.⁷, Peklo A.⁸ ¹ University of South Carolina, Columbia, SC USA; ² Université Paris-Sud, Orsay Cedex, France; ³ University of Jyväskylä, Finland; ⁴ Taras Shevchenko National University of Kyiv, Ukraine; ⁵ University of Porto, Vairão, Portugal; ⁶ Chornobyl Radioecological Centre, Chernobyl, Ukraine; ⁷ Institute for Safety Problems of NPPs, Kyiv, Ukraine; ⁸ Zoological Museum, Kyiv, Ukraine
15:50 – 16:00	"HOT PARTICLES" OF BIOLOGICAL NATURE	Mikheev O.M. , Ovsianikova L.G. Institute of Cell Biology and Genetic Engineering of the NAS of Ukraine
16:00 – 16:10	¹³⁷ Cs CONTENT IN THE COOLING POND CHORNOBYL ECOSYSTEM OVER 29 YEARS AFTER THE ACCIDENT	Kostiuk V.A. Institute for Nuclear Research of the NAS of Ukraine
16:10 – 16:20	ACCELERATED CONTROLLED DEACTIVATION AND DECONTAMINATION OF RADIOACTIVE WATER AND LONG-LIVED REACTOR WASTE IN NATURAL MICROBIOLOGICAL SYSTEMS	Vysotskii V.¹, Kornilova A.² ¹ Taras Shevchenko National University of Kyiv, Ukraine ² Moscow State University, Moscow, Russia
16:20 – 16:30	SUMMARIESED OF 30 YEARS EXPERIENCE OF RADIATION DECONTAMINATION OF NATURAL OBJECTS IN THE CHORNOBYL ZONE	Rybalka V.B., Serbinovych V.V., Petelin G.I., Smirnova G.F., Balashevskaya Yu. V., Kovaliov V.A. Institute for Safety Problems of NPP of the NAS of Ukraine
14:00 – 16:30	SESSION 4 (conferens hall 2) PSYCHO-SOCIAL IMPACT OF RADIATION EMERGENCIES, RISK COMMUNICATION TO PUBLIC, SOCIAL MOBILIZATION AND COMMUNITY ENGAGEMENT	
Moderators	Loganovsky K. , NRCRM, Ukraine Benotmane M.A. SCK-CEN, Belgium	
14:00 – 14:15	MENTAL HEALTH CONSEQUENCES OF CHORNOBYL: 30 YEARS AFTERMATH	Loganovsky K. NRCRM, Ukraine
14:15 – 14:30	CEREBRAD STUDY: LOW DOSE EFFECTS ON BRAIN	Benotmane M.A. SCK-CEN, Belgium
14:30 – 14:45	SOCIO-PSYCHOLOGICAL FACTORS IN THE FORMATION HEALTH OF RADIOACTIVELY CONTAMINATED TERRITORIES	Prylypko V. A., Petrychenko O. O., Ozerova Yu. Yu., Morozova M. M., Shevchenko K. K., Bondarenko I. V. NRCRM, Ukraine
14:45 – 15:00	RISK COMMUNICATION IN RADIATION EMERGENCIES	Atsushi Kumagai , Fukushima Medical University, Japan

15:00 – 15:15	CHORNOBYL AND KIHEV KINDERHILFE ACTIVITY	Harms T.¹, Kondrashova V.G.², Chumak A.A.² ¹ KIHEV Kinderhilfe Kiew eV, Weil-am-Rhein, Germany ² NRCRM
15:15 – 15:30	HOSPITALITY IN PAEDIATRIC ONCOLOGY. “SOLETER ONLUS” ACTIVITY IN UKRAINE	Rizzi D. “Soleter onlus”, Italy
15:30 – 15:45	THE EXPERIENCE OF CHILDREN TREATMENT IN CUBA	Bozhko A.F. Asociation of Frenship “Ukraine – Cuba”
15:45-16:30	ROUND TABLE OF SESSION 4: ECOLOGY PSYHIATRY AND NEUROPSYHIATRY DEVELOPMENT	Chuprikov A.P.¹, Napryeyenko O.K., Napryeyenko N.Yu.², ¹ National Medical Academy of Postgraduate Education, Ukraine ² National Medical University, Ukraine
16:30 – 17:45	<u>SECTION SUMMARIES AND ROUND TABLE (conferens hall 1):</u> <i>HEALTH EFFECTS OF CHORNOBYL – IMPLICATIONS FOR FUTURE</i> Abend M., Bazyka D., Benotmane M.A., Bilyi D.O., Cardis E., Carr Zh., Chumak A.A., Chumak V.V., Drozd I.P., Grodzinsky D.M., Kesminiene A., Likhtariov I.A., Loganovsky K., Serdiuk A.M., Sushko V.O., Talko V.V., Tronko M.D., Weiss W., Zabolotny D.I.	
17:45	CLOSING OF THE CONFERENCE	
21 April 2016		
	Trip to the Chornobyl NPP and 30km exclusion zone (optional, participants need to inform Organizing committee before April 1th)	

	POSTERS
1.	Ananieva T., Fedonenko O. <i>Oles Honchar Dnipropetrovsk National University, Dnipropetrovsk, Ukraine</i> “IMPACT OF INCORPORATED RADIONUCLIDES ON PLASTIC METABOLISM IN TISSUES OF FRESHWATER FISH”
2.	Aslamova L., Kulinich Ye., Melenevska N. “ROLE OF HEALTH PHYSICIST IN RADIOLOGY”
3.	Bilko N.M. <i>National University of “Kyiv-Mohyla Academy”</i> “ROLE OF HEMATOPOIETIC MICROENVIRONMENT IN THE ALTERATIONS OF HEMATOPOIESIS UNDER PROTRACTED EXPOSURE TO STRONTIUM-90”
4.	Chornaya V. <i>Dnipropetrovsk State Agrarian-economy university, Ukraine</i> “THE NEUROSPECIFIC PROTEINS IN DIFFERENT BRAIN AREAS AFTER X-RAY LOW-DOSE IRRADIATION”
5.	Drozd I., Lypyska A., Naychuk M., Pastushenko V. <i>Institute for Nuclear Research, NAS of Ukraine, Kyiv</i> “DEVELOPMENT OF MATHEMATICAL SOFTWARE FOR EXPRESS-IDENTIFICATION OF ¹³⁷ Cs AND ⁹⁰ Sr CONTENT IN LAB ANIMALS' ORGANS AND TISSUES FOR MODELING ACCIDENTAL INTAKE”
6.	Fedoniuk M., Fedoniuk V., <i>Lutsk NTU, Ukraine</i> “ON THE PROBLEMS OF URBAN AREAS RADIOMETRY”
7.	Gerashchenko B. <i>R.E. Kavetsky Institute of Experimental Pathology, Oncology, and Radiobiology, NASU, Kyiv, Ukraine</i> “ A GLYCOLYTIC MARKER OF STRESS IN IRRADIATED AND BYSTANDER CELL POPULATIONS”
8.	Glavin O., Makovetska L., Druzhyna M., Mykhailenko V. <i>R.E. Kavetsky Institute of Experimental Pathology, Oncology, and Radiobiology, NASU, Kyiv, Ukraine</i> “FREE RADICAL COMPOUNDS PRODUCTION AND THE ACTIVITY OF THE ENZYME XANTHINE OXIDOREDUCTASE IN MICE WITH LEWIS LUNG CARCINOMA UNDER THE EFFECTS EXOGENOUS NITRIC OXIDE AND LOW LEVEL OF IONIZING RADIATION”.
9.	Golub V., Golub S., Golub G. <i>Lesya Ukrainka East European National University</i> „THE INFLUENCE OF PROLONGED INTAKE OF THE RADIOACTIVE CESIUM ISOTOPES ON EXPOSURE DOSES FORMATION IN THE POPULATION OF VOLYN REGION”
10.	Gresko M., NRCRM, Ukraine “THE ROLE OF INDIVIDUAL TYPOLOGICAL CHARACTERISTICS OF PERSONALITY IN THE PERCEPTION OF RADIATION RISKS IN THE PROCESS OF ADAPTATION AFTER RADIATION EMERGENCIES”
11.	Grynevych Yu., Teletska S. <i>Institute for Nuclear Research, NAS of Ukraine, Kyiv</i> “THE EFFECTS OF ¹³¹ I DIFFERENT ACTIVITIES ON FREE RADICAL PROCESSES IN RAT BLOOD”
12.	Kaglian O.¹, Gudkov D.¹, KLenus V.¹, Nazarov O.², Yurchuk L.¹ ¹ <i>Institute of hydrobiology of NAS of Ukraine</i> ² <i>“Ekocenter”, Ukraine</i> “ ⁹⁰ Sr and ¹³⁷ Cs ACCUMULATION LEVELS AND FISH ABSORBED DOSES IN THE CHORNOBYL EXCLUSION ZONE”
13.	Kasiyan O.¹, Tkachenko H.² ¹ <i>Department of Hygiene and Preventive Toxicology, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine</i> ² <i>Institute of Biology and Environmental Protection, Pomeranian University in Slupsk, Poland</i> “ASSESSMENT OF RADIOACTIVITY OF THE FOOD AND DRINKING WATER IN LVIV REGION”

14.	¹Khomenko I., ²Zakladna N., <i>¹Shupyk National Medical Academy of Postgraduate Education,</i> <i>²Tokmak International Department of SI "Zaporizhzhia Laboratory Center of SSES", Ukraine</i> "CURRENT HEALTH STATUS OF ADULT POPULATION AT THE OBSERVATION AREA OF ZAPORIZHZHIA POWER PLANT"
15.	Klepko A. <i>NRCRM, Kyiv, Ukraine</i> "EFFECTS OF CONTINUOUS LOW-DOSE GAMMA-IRRADIATION OF RATS ON SPERMATOGENESIS AND SPERM MOTILITY"
16.	Lavrenchuk H.¹, Shevchenko Yu.², Trishin V.², Libman V.², Kozlovska I.¹ <i>¹ State Institution "National Research Center for Radiation Medicine of National Academy of Medical Sciences of Ukraine"</i> <i>² Institute for Nuclear Research, National Academy of Sciences of Ukraine</i> "THE COMBINED EFFECTS OF THERMAL NEUTRONS, RED LIGHT AND NEUTRONE CAPTURE AGENTS WITH PHOTSENSITIZING PROPERTIES ON CELLS IN VITRO"
17.	Litvinchuk K.¹, Lavrenchuk H.¹, Boyko O.¹, Asmolikova V.² <i>¹State Institution "National Research Center for Radiation Medicine of National Academy of Medical Sciences of Ukraine"</i> <i>² Palladin Institute of Biochemistry NAS of Ukraine, Kyiv, Ukraine</i> "RADIOPROTECTIVE CAPACITIES OF 2- MERKAPTOBENZTYAZOL ON CELL CULTURES TEST SYSTEM"
18.	Lypyska A., Burdo O., Ryabchenko N., Sova O., Ganzha O. <i>Institute for Nuclear Research, NAS of Ukraine, Kyiv, Ukraine</i> "LONG-TERM EFFECTS OF RODENTS' CHRONIC IRRADIATION WITHIN CHERNOBYL EXCLUSION ZONE NATURAL POPULATIONS"
19.	Maevska I., <i>NRCRM, Ukraine</i> "CLINICAL AND EPIDEMIOLOGICAL RESEARCH AND ANALYSIS OF THE IONIZING RADIATION IMPACT ON THE DEVELOPMENT OF NON-MALIGNANT TUMOR IN THE CHORNOBYL WOMEN-LIQUIDATORS OF 1986-1987."
20.	Makovetska L., Druzhyna M. <i>R.E. Kavetsky Institute of Experimental Pathology, Oncology, and Radiobiology, NASU, Kyiv, Ukraine</i> "FREE RADICAL PROCESSES IN TISSUES UNDER LOW LEVEL RADIATION IMPACT ON MICE WITH TRANSPLANTABLE LEWIS LUNG CARCINOMA"
21.	M. V.Malko <i>Institute of Power Engineering of the National Academy of Sciences of Belarus, Minsk, Republic of Belarus</i> "ASSESSMENT OF CHERNOBYL RADIATION THYROID CANCERS IN BELARUS"
22.	Özay Cennet, Mammadov Ramazan <i>Department of Biology, Faculty of Science and Literature, Pamukkale University, Denizli, Turkey</i> "TWO ALYSSUM L. SPECIES AGAINST HUMAN CANCER CELL LINES MCF-7 AND H1299"
23.	Prokhorova Y. M.¹, Atamanyuk N. P.¹, Drozd I. P.², Lypyska A. I.², Talko V. V.¹ <i>NRCRM, Ukraine¹</i> <i>²Institute for Nuclear Research, of NAS Ukraine</i> "CHANGES IN BODY WEIGHT IN OFFSPRINGS OF THE FIRST AND SECOND GENERATION FROM PARENTS INTERNALLY IRRADIATED BY IODINE-131 (EXPERIMENTAL RESEARCH)"
24.	Sakovska L., Kanjuk S., Kondratova Yu., Andreichenko K., Trofimenko O., Andreychenko S. <i>State Institution "National Research Center for Radiation Medicine of the National Academy of Medical Sciences of Ukraine", Ukraine</i> "REGIONAL VARIATIONS OF EICOSANOID DISTRIBUTION IN HUMAN SPERM UNDER RADIATION POLLUTION"
25.	Scherthan H.¹, Sotnik N.², Peper M.¹, Schrock G.¹, Azizova T.² and Abend M.¹ <i>¹Bundeswehr Institute of Radiobiology affiliated to the Univ. of Ulm, Germany.²Southern Urals Biophysics</i>

	<i>Institute (SUBI), Russian Federation</i> “VARIABLE TELOMERE LENGTH RESPONSE IN AGED MAYAK PA NUCLEAR WORKERS CHRONICALLY EXPOSED TO INTERNAL ALPHA AND EXTERNAL GAMMA RADIATION”
26.	Shyroka Z. , <i>Institute of Hydrobiology of the NAS of Ukraine</i> “DYNAMICS OF PLANTS RADIONUCLIDE CONTAMINATION IN THE RESERVOIR OF CHORNOBYL EXCLUSION ZONE”
27.	Timchenko E. <i>Research Institute of Radiology of the MES of Belarus</i> <i>Gomel, Republic of Belarus</i> “ASSESSMENT OF CONTRIBUTION FROM GREEN LEAFY VEGETABLES TO INDIVIDUAL DOSES OF INTERNAL EXPOSURE OF BELARUSIAN RESIDENTS”
28.	Tugai T., Tugai A. <i>Zabolotny Institute of microbiology and virusology NAS of Ukraine</i> MECHANISMS OF ADAPTATION OF MICROSCOPIC FUNGI TO CHRONIC RADIATION
29.	Yakymenko I.¹, Tsybulin O.², Sidorik Ye.³ ¹ <i>National University of Food Technologies</i> ² <i>Bila Tserkva National Agrarian University</i> ³ <i>RE Kavetsiy Institute of Experimental pathology, Oncology and Radiobiology NANU</i> “RISKS FROM NON-IONIZING RADIATION FOR HUMAN HEALTH IN REGIONS AFFECTED DUE TO THE CHORNOBYL CATASTROPHE”
30.	Yakymenko I.¹, Shapovalov Ye.¹, Tsybulin O.², Sidorik Ye.³ ¹ <i>National University of Food Technologies</i> ² <i>Bila Tserkva National Agrarian University</i> ³ <i>RE Kavetsiy Institute of Experimental pathology, Oncology and Radiobiology NANU</i> “ADHERENCE OF UKRAINIAN STUDENT YOUTH TO HEALTHY LIFESTYLE BEHAVIOR”
31.	Zhirnov V. <i>Institute of Bioorganic Chemistry & Petrochemistry of National Academy of Sciences of Ukraine, Kyiv, Ukraine</i> “THE INFLUENCE OF LOW RATE B-RADIATION (90SR/90Y) ON ZETA POTENTIAL OF HUMAN ERYTHROCYTES UNDER MODIFICATION OF TRANSMEMBRANE CA ²⁺ -EXCHANGE”
32.	Zygalo V., Lytvynets O., Leonovych O., Kolpakov I., Isayenko T., Soroka A. <i>SI “National Research Centre for Radiation Medicine of National Academy of Medical Sciences of Ukraine”, Kyiv, Ukraine</i> “APPRAISAL OF NITROGEN OXIDE SYSTEM, LIPID PEROXIDATION, ANTIOXIDANT DEFENCE, AND LUNG FUNCTION INTERPLAY IN CHILDREN LIVING IN RADIOLOGICALLY-CONTAMINATED TERRITORIES”