SYMPOSIUM

CLINICAL EFFECTS OF LOW RADIATION DOZES
ACUTE LEUKEMIA
BONE MARROW TRANSPLANTATION

All-Union Symposium with participation of foreign experts
(Gomel, June 18—20)

Moscow, 1991
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All-Union Symposium with participation of foreign experts (Gomel, June 18-20)

Organizers:

Ministry of Health of the USSR
Ministry of Health of Byelorussia
All-Union Scientific Centre for Hematology
Gomel Medical Institute

Moscow, 1991.
GENERAL INFORMATION

June 17th - Departure from Moscow to Gomel by bus.
June 18-20 - Scientific programme
June 20 - Departure to Kiev by steamer
June 21 - Social programme in Kiev
June 22 - Leaving Kiev for home

Official languages - Russian, English

Technical possibilities - Projectors for slides 5 x 5 sm will be available.
The text and the illustrations for posters are to be presented before the session on the instruction of the secretary.
The arrangement of the materials is done on 1m x 1m poster.
The symposium will take place from June 18th to 20th, 1991 in the Conference Hall of the holiday hotel 'Golden Sands'.
Sessions start at 9.00 a.m.
Time for presentations - 15 minutes, for discussion - 5 min.
PLAN OF WORK

June 17th, 1991, Monday
Arrival to Gomel, registration, accommodation.

June 18th, 1991, Tuesday.
9.00 - 9.15 Opening Ceremony
9.15 - 14.00 1st Session: Clinical Effects of Low Radiation Dozes
(Break 11.30 - 12.00)
14.00 - 15.00 Lunch
Optional Lectures
Social and Cultural Events

June 19th, 1991, Wednesday
9.00 - 14.00 2nd Session: Clinical Effects of Low Radiation Dozes
(Break 11.30 - 12.00)
14.00 - 15.00 Lunch
Optional Lectures
Social and Cultural Events

June 20th, 1991, Thursday.
9.00 - 14.00 3rd Session: A. Acute Leukemia
B. Bone Marrow Transplantation
(Break 11.30 - 12.00)
14.00 - 15.00 Lunch
Optional Lectures
Social and Cultural Events
SCIENTIFIC PROGRAMME

June 18th, 1991.
9.00 - 14.00

Opening Ceremony. Opening address by A.A. Grakhovsky, Chairman of the Gomel Regional Council

1st Session.

CLINICAL EFFECTS OF LOW RADIATION DOSES
Chairmen: Prof. A.I. Vorobiov
           A.M. Yarchak
           Prof. Yu.I. Bandazhevskiy
Secretary  Dr. A.R. Martirosov, M.D.

BIOLOGICAL DOZIMETRY IN THE CLINIC OF RADIATION INJURIES
Prof. A.I. Vorobiov
USSR - 30 min.

DEVELOPING METHODS OF EPR-SPECTROMETRY OF TOOTH ENAMEL AND OTHER BIOLOGICAL MATERIALS FOR ASSESSMENT OF IRRADIATION DOZE
M. Ikeya, Japan

DETERMINATION OF ACCUMULATED DOZE OF GAMMA-RADIATION BY THE ENAMEL OF MILK AND PERMANENT TEETH
G.A. Klevezal
M.D. Brilliant
V.A. Selezhenkov
B.N. Mordvintsev
L.I. Sukhovskaya
N.I. Voevodskaya
A.F. Vanin
S.A. Khangulov
USSR, Moscow

RADIONUCLIDE DOZE ASSESSMENT BY EPR OF BONE
M. Desrosiers, USA

CHROMOSOMAL DAMAGE INDUCED BY LOW RADIATION DOSES TO HUMAN LYMPHOCYTES
D. Lloyd, Great Britain.
PRINCIPLES OF GENETIC MONITORING UNDER THE EFFECT OF LOW DOSES RADIATION

Acad. N.P. Bochkov
USSR, Moscow

USE OF CYTOGENETIC ANALYSIS OF BLOOD LYMPHOCYTES FOR DETERMINATION OF INDIVIDUAL DOSES OF IRRADIATION

E.V. Domracheva
M.D. Brilliant
A.I. Vorobiov
USSR, Moscow

RESULTS OF CYTOGENETIC EXAMINATION OF VARIOUS POPULATION GROUPS AFFECTED BY CHERNOBYL ACCIDENT

A.V. Sevankayev
USSR, Obninsk

CYTOGENETIC INDICATION OF LOW DOZE IRRADIATION AT THE INDIVIDUAL AND THE POPULATION LEVELS

L.D. Kotosova
N.P. Bochkov
A.M. Chebotarev
USSR, Moscow

NEW METHOD OF BIOLOGICAL DOSIMETRY: CELL COUNT IN MEDULLAR HAIR LAYER

C. Potten
Great Britain

WILL RADIATION FROM CHERNOBYL ACCIDENT CAUSE MORE LEUKEMIA? WILL IT BE DETECTABLE?

R. Gale
USA

PROBLEMS OF EPIDEMIOLOGICAL ANALYSIS OF LEUKEMIA INCIDENCE AMONG THE POPULATION AFFECTED BY RADIATION

I.V. Osechinsky
USSR, Moscow

POSTERS

PREVENTION OF GENETIC DAMAGES RESULTING FROM PROLONGED IRRADIATION OF THE POPULATION

I.B. Musse
USSR, Minsk
CYTOGENETIC EFFECTS INDUCED BY RADIATION IN PERIPHERAL BLOOD LYMPHOCYTES OF CHILDREN IN RADIATION CONTAMINATED REGIONS OF BELARUS

S.P.Petrova
T.M.Kudina
M.P.Korskaya
USSR, Minsk

CLINICAL AND CYTOLOGICAL ASPECTS OF CHRONIC IRRADIATION OF CHILDREN OF KALUGA REGION

I.I.Izmaylova
USSR, Obninsk

FIRST RESULTS OF THE STUDY OF HEMOBlastoses RATE ON THE RADIATION CONTAMINATED TERRITORIES RESULTING FROM THE CHERNOBYL ACCIDENT

I.V.Osechinsky
E.P.Ivanov
K.M.Abdulkadyrov
A.P.Martirosov
G.V.Tolochko
I.G.Samuskevich
USSR, Moscow, Minsk, Leningrad

DISCUSSION

9.00 - 14.00
2nd Session

CLINICAL EFFECTS OF LOW RADIATION DOSES

Chairmen: Prof. I.V.Osechinsky
Prof. A.A.Romanovsky
Prof. E.P.Ivanov

Secretary: Dr. P.V.Yaralova

RADIobiological assay of the action of low radiation doses

A.G.Konoplyannikov
USSR, Obninsk

STIMULATION OF CYTOKINE PRODUCTION AND CFU-FORMATION AND POSSIBLE RADIOPROTECTIVE EFFECTS BY POLYSACCHARIDE FRACTIONS ISOLATED FROM CUPRESSACEA THUJA OCCIDENTALE

R.Netb (FRG)
N.Drize (USSR)
O.Gan (USSR)
SPECIAL FEATURES OF LOW RADIATION ACTION, PROGNOSIS FOR CLINICAL EFFECTS AND THE POSSIBILITIES FOR THEIR CORRECTION

E.B. Burlakova
USSR, Moscow

RADIOBIOLOGICAL PROBLEMS OF CHERNOBYL

I.I. Pelevina
A.S. Sayenko
B.I. Synzinyz
USSR, Obninsk

EFFECTS OF LOW RADIATION DOSES UPON DISTANT RESULTS IN CHILDREN AFTER RADIATION THERAPY OF MALIGNANT TUMOURS

L.A. Durnov
G.B. Goldobenko
N.A. Lyutova
USSR, Moscow

EPR-SPECTROSCOPY OF PERIPHERAL BLOOD CELLS AND THE EVALUATION OF THE ANTIOXIDANT STATUS IN CHILDREN AND ADULTS AFFECTED BY RADIOACTIVE POLLUTIONS

L.K. Pulatova
E.A. Neyfakh
G.F. Ivanenko
USSR, Moscow

PECULIARITIES OF POSTNATAL GROWTH OF CHILDREN BORN ON RADIATION POLLUTED TERRITORIES

Yu.I. Bandazhevsky
USSR, Gomel

ASSAY OF LIVER FUNCTIONAL STATE STUDY IN INDIVIDUALS AFFECTED BY IONIZING RADIATION

M.Yu. Antoshina
O.E. Ishuk
A.G. Magarlamov
USSR, Kiev

THE STRUCTURE OF CLINICAL AND IMMUNOLOGICAL CHANGES IN INDIVIDUALS PARTICIPATING IN THE LIQUIDATION OF THE CHERNOBYL ACCIDENT CONSEQUENCES

I.V. Oradovskaya
USSR, Moscow

CHANGES OF HEMATOLOGICAL AND IMMUNOLOGICAL INDICES IN DRIVERS PARTICIPATED IN TRANSPORT EVACUATION OF RESIDENTS OF PRIPYAT AND CHERNOBYL

A.F. Romanova
N.N. Tretyak
A.F. Doshuk
I.S. Dyagel
POSTERS

SOME DATA ON THE EXAMINATION OF THE INDIVIDUALS PARTICIPATED IN THE LIQUIDATION OF THE CHERNOBYL ACCIDENT CONSEQUENCES

O.Yu.Udris
L.Yu.Ryauzova
D.Y.Solovey
L.Y.Grinberg
L.V.Velik
M.Y.Krishuna
S.V.Nikulshin
USSR,Riga

ANALYSIS OF THE INTERCONNECTION OF IMMUNOGENETIC MARKERS WITH THE IMMUNOGLOBULIN LEVEL IN INDIVIDUALS AFFECTED BY IONIZING RADIATION

E.N.Bay
R.P.Pavluk
USSR,Kiev

SOME CLINICAL AND LABORATORY PARAMETERS IN THE INDIVIDUALS PARTICIPATED IN THE CHERNOBYL ACCIDENT LIQUIDATION

Z.S.Skorobogatova
L.S.Rozanova
USSR,Sverdlovsk

DEVELOPMENT OF HEMATOLOGICAL DISEASES IN CHILDREN RESIDING IN THE UKRAINE REGIONS UNDER CONTROL AFTER THE CHERNOBYL ACCIDENT

V.D.Drozdova
S.S.Girin
S.B.Donskaya
O.P.Medvedeva
G.I.Moroz
USSR,Kiev

ANALYSIS OF THE INTERCONNECTION OF IMMUNOLOGICAL MARKERS WITH THE INDEXES OF THE LIVER FUNCTIONAL STATE IN THE INDIVIDUALS AFFECTED BY IONIZING IRRADIATION

E.N.Bay
R.P.Pavluk
USSR,Kiev
TOXIC COMPLICATIONS FOLLOWING BONE MARROW TRANSPLANTATION
L.S. Lyubimova
V.G. Savchenko
L.P. Mendeleva
USSR, Moscow

AUTOTRANSPLANTATION OF BONE MARROW IN CHILDREN WITH MALIGNANT TUMOURS
G.L. Mentkevitch
A.S. Kolomeyskiy
USSR, Moscow

SPECIAL ASPECTS OF COMPATIBILITY IN ALLOGENOUS BONE MARROW TRANSPLANTATION IN LEUKEMIA
A.P. Shpakova
T.I. Bulycheva
Moscow, USSR

RELAPSES IN AUTOLOGOUS BONE MARROW TRANSPLANTATION IN ACUTE LEUKEMIA PATIENTS
L.P. Mendeleva
V.G. Savchenko
L.S. Lyubimova
Moscow, USSR

DISCUSSION
RESULTS OF THE CLINICAL EXAMINATION OF PEOPLE EVACUATED FROM PRIPYAT

E.V. Domracheva
M.D. Brilliant
P.A. Vorobiov
N.E. Shklovsky-Kordi
A.N. Smirnov

USSR, Moscow

CHANGES IN THE IMMUNE STATUS AND PERIPHERAL BLOOD IN RESIDENTS OF KIEV AND KIEV REGION AFTER THE CHERNOBYL ACCIDENT

A.S. Zverkova
V.G. Komesarenko
V.P. Yevtukh
N.N. Tretyak

USSR, Kiev

DISCUSSION

June 20th, 1991.
9.00 - 14.00

3rd Session

A. ACUTE LEUKEMIA
B. TRANSPLANTATION OF BONE MARROW

Chairmen: Prof. A.I. Vorobiov
Dr. V.G. Savchenko
Prof. G.I. Kozinets

Secretary: Dr. B.M. Darovskyi, M.D.

A.

AML AND THE CHANCE OF CHEMOTHERAPY (GERMAN STUDY RESULTS)

Th. Buechner
FRG

THERAPY OF ACUTE LYMPHOBLAST LEUKEMIA

D. Hoelzer
FRG

COMPARATIVE EVALUATION OF VARIOUS CHEMOTHERAPY SCHEMES FOR ACUTE MYELOBLAST LEUKEMIA

M.A. Volkova
G.I. Kaletin
A.A. Perilov
USSR, Moscow
STUDY OF ST. JUDE CHILDREN'S RESEARCH HOSPITAL OF CLINICAL MANAGEMENT OF ACUTE LEUKEMIA PATIENTS
J. Simone
USA

PROTOCOLS FOR TYPE-SPECIFIC THERAPY OF ACUTE LEUKEMIA IN CHILDREN
D. Pinkel
USA

CHEMOTHERAPY OF ACUTE LEUKEMIA
D. Lambertenghi
Italy

POSTERS

ACUTE LEUKEMIA IN COMBINATION WITH PARTIAL RED BLOOD CELL APLASIA OF BONE MARROW
A. V. Pivnik
A. M. Kremenetskaya
USSR, Moscow

MODULATION OF NORMAL AND LEUKEMIC HUMAN MARROW PROGENITOR GROWTH BY IL-3 OR GM-CFU ASSOCIATED TO IL-6
L. Lagneaux
C. De Bruyn
A. Delforge
D. Bron
P. Stryckmans
Belgium

EARLY DIAGNOSIS AND THERAPY OF SYSTEMIC MYCOTIC INFECTIONS IN ACUTE RADIATION AND CYTOSTATIC HEMODEPRESSIONS
E. E. Obukhova
S. G. Pushkareva
M. V. Konchalovsky
A. E. Baranov
USSR, Moscow

PRECLINICAL DIAGNOSIS OF NEUROLEUKEMIA
V. G. Verobiev
S. A. Puchina
USSR, Nizhny Novgorod

THE ROLE OF SPECIAL TRAINING AND PSYCHOLOGICAL PREPARATION OF PATIENTS IN THE PRESENT THERAPY OF LEUKEMIA
N. E. Schklovsky-Kordi
USSR, Moscow
AML IN THE ELDERLY

E.N.Parovichnikova
V.M.Kotelnikov
V.G.Savchenko
E.V.Domracheva
USSR,Moscow

THE ROLE AND PLACE OF BONE MARROW TRANSPLANTATION IN THE THERAPY OF ACUTE LEUKEMIA

V.G.Savchenko
L.S.Lyubimova
I.P.Mendeleeva
USSR,Moscow

GENERAL REVIEW ON BONE MARROW TRANSPLANTATION

S.Slavin
Israel

TRANSPLANTATION OF BONE MARROW IN ACUTE RADIATION DISEASE

A.E.Baranov
USSR,Moscow

AUTOTRANSPLANTATION OF HEMOPOIETIC STEM BLOOD CELLS IN PATIENTS WITH HEMOBLASTOSES

M.Z.Alexanyan
USSR,Moscow

NEW APPROACHES FOR IMPROVING THE SAFETY AND OUTCOME FOLLOWING BONE MARROW TRANSPLANTATION

S.Slavin
Israel

ALLOGENEIC VERSUS AUTOLOGOUS BMT VERSUS INTENSIVE CONSOLIDATION IN ACUTE MYELOGENOUS LEUKEMIA IN FIRST REMISSION

P.Stryckmans
R.Zittoun
F.Mandelli
T.De Witte
S.Tura
G.Solbu
S.Suciu
Belgium

POSTERS

USE OF IONIZING RADIATION IN BONE MARROW TRANSPLANTATION - POTENTIALS AND LIMITATIONS

S.Slavin
Israel