

PTBR Satellite Symposium

Applications of low radiation doses in medical
diagnosis and therapy



fot. Tadeusz Matuszak

17-18 September 2019

Kielce, Poland

SECOND ANNOUNCEMENT

XVIII PTBR National Meeting Satellite Symposium

Applications of low radiation doses in medical diagnosis and therapy

Organized by

Polish Radiation Research Society memorial to Maria Skłodowska-Curie
in collaboration with National Centre for Nuclear Research, Otwock, Poland

Programme

September 17

13:00 – 14:00 Lunch

14:00 – 14:20 Opening of the Symposium

14:20 – 15:00 Keynote lecture: Jerry Cuttler – Application of low doses of ionizing radiation in medical therapies

15:00 – 15:40 Keynote lecture: Carmel Mothersill – Mechanisms operating after low radiation doses: an explanation for non-linearity and a new therapeutic target

15:40 – 16:10 Coffee break

16:10 – 16:50 Keynote lecture: Nicolas Foray – The radiation-induced nucleoshuttling of the ATM protein: medical applications at high and low doses

16:50 – 17:10 Dorota Słonina - Effect of low dose fractionated radiation on cytotoxicity of cisplatin and paclitaxel in cervix cancer cell lines

17:10 – 18:10 Keynote lecture: Edward Calabrese (via Internet) - Hormesis: an evolutionary based dose response model: its biological foundations and medical and public health implications

18:10 – 18:30 Coffee break

18:30-19:30 Keynote lecture: Edward Calabrese (via Internet) - The historical foundations of the linear non-threshold dose response model for cancer risk assessment

19:30 – 19:50 Michael Waligorski - A post-LNT system of radiation protection – design and considerations

September 18

8:30 – 9:10 Keynote lecture: Yehoshua Socol – Irradiation of arbitrary time-dependence: mathematical model of adaptive response and oscillatory behavior

9:10 – 9:50 Keynote lecture: Marek K. Janiak – Resurrection and up-date of cancer therapy by low-dose whole-body exposures to ionizing radiation

9:50 – 10:30 Keynote lecture: Wade Allison – Radiation, Safety and Life

10:30 – 11:00 Coffee break

11:00 – 11:40 Keynote lecture: Leszek Królicki – Hormesis in the era of precision medicine

11:40 – 12:40 Discussion/Posters/

12:40 – 13:40 Lunch

13:40 – 14:00 Marek Kozicki – 3D dosimetry of low radiation doses in radiotherapy

14:00 – 14:30 Wade Allison – Summary of the Symposium

14:30 – 14:50 Closing of the Symposium

Venue: Faculty of Mathematics and Natural Science, Campus of Jan Kochanowski University,
ul. Świętokrzyska 15G, 25-406 Kielce

Official language of the Symposium is English.

Registration fee is 100 PLN (~25 €) and includes attendance to the Symposium, coffee breaks and materials.
Lunch is 45 PLN (~10 €), Conference Dinner is 120 PLN (~30 €).

Payment should be send to PTBR account No 65 1160 2202 0000 0000 6528 2283
with a note (Symposium – your name and surname)

DEADLINE FOR REGISTRATION AND PAYMENT is 15 JUNE 2019.

CONTACT PERSON Professor Ludwik Dobrzyński (email: Ludwik.Dobrzynski@ncbj.gov.pl)