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Last name	First name	Contact Author Organization	Contact Author Country	Submission Title	Session code	Presentation code	Length min
Abe	Yoshihisa	Department of Radiation Oncology, National Cancer Center	Japan	Development of treatment couch with computer controlled 5-axis movements - For clinical use in the accelerator-based BNCT -	PI P2	PI P2 02	15
Aihara	Teruhito	Proton Medical Research Centre, University of Tsukuba	Japan	A simple strategy to decrease the incidence of fatal carotid blowout syndrome after BNCT for head and neck cancers	Pa C1	Pa C1 05	15
Aihara	Teruhito	Proton Medical Research Centre, University of Tsukuba	Japan	Overview of the re-initiation of BNCT clinical studies at the University of Tsukuba	PS1 C	PS1 C 03	
Alikaniotis	Katia	University of Turin	Italy	Combined effect of e-LinAc high-energy radiotherapy treatment and BNCT on human cell lines	Pa B1	Pa B1 04	15
Andoh	Tooru	Faculty of Pharmaceutical Sciences and Cooperative Research Center of Life Sciences, Kobe Gakuin University	Japan	Boron neutron capture therapy as new treatment for clear cell sarcoma: Trial on a lung metastasis model of clear cell sarcoma	PI B1	PI B1 03	20
Andoh	Tooru	Faculty of Pharmaceutical Sciences and Cooperative Research Center of Life Sciences, Kobe Gakuin University	Japan	Effect of particle size of nanoparticulate L-BPA formulation on biodistribution of <sup>10</sup> B after its intratumoral administration to tumor-bearing mice	Pa Ch2	Pa Ch2 04	15
Auterinen	Iiro	VTT Technical Research Centre of Finland	Finland	DECISIONS AND PREPARATIONS FOR A RAPID SHUTDOWN AND DECOMMISSIONING OF THE FINNISH TRIGA FIR 1	PS2 P	PS2 P 28	
Badieyan	Zeinab Sadat	Birjand University	Iran	Optimal neutron spectra calculation in BNCT by Geant4 code	PS1 P	PS1 P 02	
Barry	Nicolas	University of Warwick	United Kingdom	Precious metal carborane polymer nanoparticles: potential for Boron Neutron Capture Therapy	PS1 Ch	PS1 Ch 01	
Barth	Rolf	The Ohio State University	United States	From Translation BNCT Studies in Animals to Clinical Trials	PI B1	PI B1 01	20
Barth	Rolf	The Ohio State University	United States	Evaluation of Caboranyl Thymidine Analogues as Potential Delivery Agents for Boron Neutron Capture Therapy	Pa B1	Pa B1 01	15
Bartok	Melinda	Jacobs University Bremen	Germany	Dodecaborate clusters forms stable pores in lipid membranes	Pa B1	Pa B1 02	15
Bi	Chunlei	Research and Development Office, Japan Chemical Analysis Center	Japan	A method for individual quantitation of the combined boronophenylalanine and borocaptate by liquid chromatography-electrospray ionization-mass spectrometry	Pa B11	Pa B11 02	15
Boggio	Esteban Fabián	Bariloche Atomic Center, Atomic Energy National Commission (CNEA)	Argentina	Beta Enhancers: towards a new implementation for BNCT on superficial tumors	Pa P5	Pa P5 05	15
Boggio	Esteban Fabián	Bariloche Atomic Center, Atomic Energy National Commission (CNEA)	Argentina	Photon-neutron mixed field dosimetry by TLD700 glow curve analysis and its implementation in whole body dose monitoring for BNCT treatments	PS1 P	PS1 P 16	
Bortolussi	Silva	INFN and University of Pavia	Italy	First results of pre-clinical studies of BNCT for Osteosarcoma	PI B1	PI B1 04	20
Busse	Madleen	The University of Sydney	Australia	Gadolinium Neutron Capture Therapy Agents Targeting Mitochondria	Pa Ch1	Pa Ch1 03	15
Cabrera	Justo	Instituto de Ciencia de los Materiales de Barcelona, ICMAB-CSIC	Spain	Toxicity and boron uptake of carboranyl-containing porphyrin-cored dendrimers	PS1 Ch	PS1 Ch 05	
Capoulat	Maria E.	Comisión Nacional de Energía Atómica	Argentina	A comprehensive study on <sup>9</sup> Be(d,n) <sup>10</sup> B-based neutron sources for skin and deep tumor treatments.	PS2 P	PS2 P 23	
Carpano	Marina	Radiobiology Department (CAC), National Atomic Energy Commission (CNEA)	Argentina	OPTIMIZATION OF BORON NEUTRON CAPTURE THERAPY (BNCT) FOR THE INDIVIDUAL TREATMENT OF CUTANEOUS MELANOMA	Pa B2	Pa B2 05	15
Chen	Jiun-Yu	Institute of Biomedical Engineering and Nanomedicine, National Health Research Institutes	Taiwan	Preparation, Characterization and Evaluation of Boron-modified Diblock Copolymer as Vehicle for Boron Neutron Capture Therapy	PS2 B	PS2 B 12	
Chen	Yi-Wei	Division of Radiation Oncology, Department of Oncology, Taipei Veterans General Hospital	Taiwan	BNCT is an Effective Salvage Treatment for Recurrent Parotid Adenocarcinoma ----A Case Report from Taiwan's BNCT Clinical Trial	PS1 C	PS1 C 07	
Chen	Allan	Adelphi Technology Inc	United States	Design of an epithermal BNCT system using a compact coolant moderated neutron generator	PS2 P	PS2 P 27	
Chou	Fong-In	Institute of Nuclear Engineering and Science and Nuclear Science and Technology Development Center National Tsing Hua University, Hsinchu, Taiwan	Taiwan	Continuous infusion of low-dose BPA to maintain a high boron concentration in tumor and narrow down the range of normal tissue to blood boron ratios for BNCT in a mouse model	PS2 B	PS2 B 06	
Chou	Fong-In	Nuclear Science and Technology Development Center, Institute of Nuclear Engineering and Science, National Tsing Hua University, Hsinchu, Taiwan	Taiwan	Autoradiographic and histopathological studies of boric acid-mediated BNCT in hepatic VX2 tumor-bearing rabbits: specific boron retention and damage in tumor and tumor vessels	Pa B12	Pa B12 01	15
Chou	Fong-In	Institute of Nuclear Engineering and Science, Nuclear Science and Technology Development Center, National Tsing Hua University, Hsinchu, Taiwan	Taiwan	Therapeutic Efficacy of Boric Acid-Mediated Boron Neutron Capture Therapy for Liver Tumors in a VX2 Multifocal Liver Tumor-bearing Rabbit Model	PS2 B	PS2 B 05	
Cruikshank	Garth	Department of Neurosurgery, Queen Elizabeth Hospital Birmingham & School of Cancer Sciences, University of Birmingham	United Kingdom	Pharmacokinetic analysis of Carotid BPA-Mannitol delivery in Human GBM, indicates three compartment tumour uptake kinetics enhanced by specific LAT activity in the Brain Around Tumour after resection.	PI C3	PI C3 04	20
Detta	Allah	University Hospital Birmingham and University of Birmingham	United Kingdom	Detection of cellular boron in human glioblastoma biopsies after infusion of BPA	Pa B11	Pa B11 01	15
Dewi	Novriana	The University of Tokyo	Japan	In vivo evaluation of Gd-DTPA-incorporated calcium phosphate nanoparticles for neutron capture therapy agent	Pa Ch1	Pa Ch1 05	15
Durisi	Elisabetta	University of Turin	Italy	Design and simulation of an optimized photoconverter for e-linac based neutron source for BNCT research	Pa P2	Pa P2 05	15
Farrell	Paul	GT Advanced Technologies	United States	Hyperion™ Accelerator Technology for Boron Neutron Capture Therapy	Pa P3	Pa P3 01	15
Ferrari	Cinzia	Department of Clinico-Surgical Sciences, Experimental Surgery Laboratory, University of Pavia	Italy	Comparative Study of the Radiobiological Effects Induced on Adherent vs Suspended Cells by BNCT, Neutrons and Gamma Rays Treatments	Pa B1	Pa B1 05	15
Fujimoto	Takuya	Department of Orthopaedic Surgery, Hyogo Cancer Center	Japan	Potential of Boron Neutron Capture Therapy for Malignant Peripheral Nerve Sheath Tumor	PS1 C	PS1 C 09	
Fujimoto	Nozomi	Kyoto University Research Reactor Institute	Japan	Study on the improvement of depth dose distribution using multiple-field irradiation in boron neutron capture therapy	PS1 P	PS1 P 03	
Futamura	Gen	Department of Neurosurgery, Osaka Medical College	Japan	Examination of the usefulness as the new boron compound of ACBC-BSH	PI B2	PI B2 03	15

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Gabel	Detlef	Jacobs University Bremen	Germany	Boron clusters as boron carriers for BNCT: Possibilities and problems	PI Ch1	PI Ch1 01	15
Gadan	Mario	Comisión Nacional de Energía Atómica (CNEA)	Argentina	Application of BNCT to the treatment of HER2+ breast cancer recurrences: research and developments in CNEA	PI C3	PI C3 03	20
Gagetti	Leonardo	CONICET, CNEA	Argentina	Progress in the design and development of a neutron production target for Accelerator-Based Boron Neutron Capture Therapy	PS2 P	PS2 P 24	
Gambarini	Grazia	Department of Physics, Università degli Studi di Milano and INFN, Milan	Italy	Study of suitability of Fricke-gel-layer dosimeters for in-air measurements to characterise epithermal/thermal neutron beams for NCT	Pa P4	Pa P4 05	15
González	Sara J.	Comisión Nacional de Energía Atómica (CNEA) - Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET).	Argentina	Ex-situ lung BNCT at RA-3 Reactor: computational dosimetry and boron biodistribution study	PI P2	PI P2 03	15
González	Sara	Comisión Nacional de Energía Atómica (CNEA) & Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)	Argentina	The first clinical BNCT assessment through TCP calculations based on the novel concept of photon isoeffective dose	PI P1	PI P1 03	15
Grunewald	Catrin	Institut für Kernchemie, Johannes Gutenberg University	Germany	Autoradiography for cell culture testing: Preliminary Results	PS2 BI	PS2 BI 02	
Gryziński	Michał Aleksander	National Centre for Nuclear Research	Poland	Epithelial neutron source at MARIA reactor	Pa P4	Pa P4 06	15
Gryziński	Michał Aleksander	National Centre for Nuclear Research	Poland	Safety analysis of the uranium neutron converter for BNCT facility	PS2 P	PS2 P 26	
Gubanova	Natalya	Institute of Cytology and Genetics, SB RAS	Russian Federation	Evaluation of micronucleation and viability of glioma cells in vitro neutron beams irradiated	Pa B2	Pa B2 01	15
Haapaniemi	Aaro	Helsinki University Central Hospital	Finland	Boron Neutron Capture Therapy (BNCT) in the Management of Recurrent Laryngeal Cancer	PI C2	PI C2 01	20
Hakimabad	Hashem Miri	Ferdowsi University of Mashhad	Iran	Boron Neutron Capture Therapy for Breast Cancer in Pregnancy: A Simulative Dosimetry Estimation Study	PS1 P	PS1 P 10	
Halfon	Shlomi	The Hebrew University of Jerusalem and Soreq NRC	Israel	High-Power Proton Irradiation and Neutron Production with a Liquid-Lithium Target for Accelerator-based BNCT	Pa P3	Pa P3 03	15
Hanaoka	Kohei	Department of Nuclear Medicine and Tracer Kinetics, Osaka University	Japan	Difference in 4-borono-2-18F-fluoro-phenylalanine kinetics between tumor and inflammation in rat model	PS1 C	PS1 C 10	
Hashimoto	Yuka	Graduate School of Engineering, Hokkaido University	Japan	Optimal moderator materials at various proton energies considering residual radioactivity for an accelerator-driven <sup>9</sup> Be(p,n) BNCT neutron source	PS2 P	PS2 P 21	
Hattori	Yoshihide	Research Center of Boron Neutron Capture Therapy, Research Organization for the 21st Century, Osaka Prefecture University	Japan	Design and Synthesis of Tumor Seeking closo-Dodecaborate-Containing Amino Acids as Boron Carrier for BNCT	Pa Ch3	Pa Ch3 02	15
Herrera	Maria S	CNEA-CONICET	Argentina	Analyzing the performance of accelerators in BNCT: evaluation of the therapeutic potential of the proposed facility and its comparison with global benchmark clinical beams	Pa P1	Pa P1 05	15
Hiraga	Fujio	Hokkaido University	Japan	Optimum design of a beam shaping assembly with an accelerator-driven subcritical neutron multiplier for boron neutron capture therapies	PS2 P	PS2 P 20	
Hiratsuka	Junichi	Departments of Radiation Oncology, Kawasaki Medical School	Japan	Clinical results of BNCT for Head and Neck melanoma	PI C2	PI C2 02	20
Horiike	Hiroshi	Graduate School of Engineering, Osaka University	Japan	Liquid Li based neutron source for BNCT and science application	Pa P2	Pa P2 01	15
Hsieh	Cheng-Ying	Department of Chemistry, National Tsing-Hua University, Taiwan R.O.C	Taiwan	Development of boron-containing polymeric drug delivery system for Boron Neutron Capture Therapy	PS1 Ch	PS1 Ch 04	
Hsu	Ming-Hua	Nuclear Science and Technology Development Center, National Tsing Hua University	Taiwan	Development of Boron-Containing Nanodiamonds for Boron Neutron Capture Therapy	Pa Ch2	Pa Ch2 02	15
Huang	Chun-Kai	Institute of Nuclear Engineering and Science, National Tsing Hua University	Taiwan	Improvement of a PGNA Facility for BNCT in THOR	Pa BI2	Pa BI2 04	15
Ichikawa	Hideki	Faculty of Pharmaceutical Sciences, Kobe Gakuin University	Japan	Gadolinium-loaded Chitosan Nanoparticles with Phospholipid-PEG Layer for Neutron Capture Therapy	PS1 Ch	PS1 Ch 03	
Igawa	Kazuyo	Southern TOHOKU General Hospital	Japan	Accelerator-based Boron Neutron Capture Therapy in Southern TOHOKU General Hospital	Special 1	Special 1 02	12
Imahori	Yoshio	Cancer Intelligence Care Systems, Inc.	Japan	Accelerator-based epithermal neutron source for BNCT using thin-layer solid-Lithium target	Special 1	Special 1 01	12
Ishiyama	Shintaro	Quantum Beam Science Directorate, Japan Atomic Energy Agency	Japan	Deterministic parsing model of CBE factor for Intracellular <sup>10</sup> B Distribution in Boron Neutron Capture Therapy	Pa P5	Pa P5 01	15
Jalisatgi	Satish	University of Missouri	United States	Boron-rich Liposomes as Nanoscale Delivery Agents for BNCT	Pa Ch3	Pa Ch3 01	15
Jiang	Shiang-Huei	Institute of Nuclear Engineering and Science, National Tsing Hua University	Taiwan	On the Importance of a Dedicated Beam Monitoring System for BNCT Facilities	PS1 P	PS1 P 13	
Kageji	Teruyoshi	Department of Neurosurgery, The University of Tokushima, Tokushima	Japan	Radiation-induced meningiomas after BNCT in patients with malignant glioma	PI C2	PI C2 03	20
Kankaanranta	Leena	Helsinki University Central Hospital	Finland	Building on the Finnish BNCT experience - Visions into Future	PI C1	PI C1 04	20
Kardashinsky	Mingyue Tang	University of Sydney	Australia	Novel Phosphonium-Based Gadolinium NCT Agents	PS1 Ch	PS1 Ch 07	
Kasesaz	Yaser	Nuclear Science and Technology Research Institute (NSTRI)	Iran	Design and construction of BNCT irradiation facility at Tehran research reactor	PS2 P	PS2 P 09	
Kasesaz	Yaser	Nuclear Science and Technology Research Institute (NSTRI)	Iran	Feasibility study of using laser accelerator to produce appropriate neutron beam for BNCT: MCNP Simulation	PS2 P	PS2 P 10	
Kasesaz	Yaser	Nuclear Science and Technology Research Institute (NSTRI)	Iran	Construction of a convenient head phantom for BNCT experiments at Tehran research reactor	PS1 P	PS1 P 12	
Kasesaz	Yaser	Nuclear Science and Technology Research Institute (NSTRI)	Iran	Investigation on the reflector/moderator geometry and its effect on the neutron beam performance in BNCT	PS2 P	PS2 P 11	
Kasesaz	Yaser	Nuclear Science and Technology Research Institute (NSTRI)	Iran	Potential application of NIPAM polymer gel for dosimetric purposes in BNCT	PS2 P	PS2 P 01	
Kasesaz	Yaser	Nuclear Science and Technology Research Institute (NSTRI)	Iran	Evaluation of BNCT in-phantom parameters by response matrix method	PS1 P	PS1 P 01	
Kato	Itsuro	Department of Oral and Maxillofacial Surgery II, Osaka University, Graduate School of Dentistry, Osaka, Japan	Japan	Boron Neutron Capture Therapy in Patients with Recurrent Head and Neck Cancers Who Have No Other Treatment Options	PI C1	PI C1 01	20
Kawabata	Shinji	Department of Neurosurgery, Osaka Medical College	Japan	Clinical results of Boron neutron capture therapy for the patients with malignant meningioma	Pa C1	Pa C1 03	15
Kawamura	Tokuhiro	Department of Nuclear Engineering, Kyoto University	Japan	Alanine Dosimeter Response Characteristics for Charged Particles in BNCT	PS1 P	PS1 P 21	
Kinashi	Yuko	Research Reactor Institute, Kyoto University	Japan	The influence of the p53 status for biological effects of the glioblastoma cells following boron neutron capture therapy	Pa B2	Pa B2 04	15

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Kobayashi	Tooru	Kyoto University Research Reactor Institute	Japan	A Strategy to Succeed BNCT for the Practical Situation	PS1 C	PS1 C 02	
Kobayashi	Tooru	Kyoto University Research Reactor Institute	Japan	Future of Accelerator Based BNCT Neutron Irradiation System using Liquid Lithium Target for $7\text{Li}(p,n)7\text{Be}$ Near Threshold Reactions	Pa P1	Pa P1 02	15
Koivunoro	Hanna	HUS Helsinki Medical Imaging Center, Helsinki University Central Hospital	Finland	Biokinetic analysis of tissue $^{10}\text{B}$ concentrations of glioma patients treated with BNCT in Finland	PI C3	PI C3 05	20
Kondo	Natsuko	Kyoto university	Japan	Experimental trial of establishing brain necrosis mouse model using proton beam.	PS2 B	PS2 B 08	
Kreiner	Andres J.	CNEA & UNSAM & CONICET	Argentina	Present Status of Accelerator-Based BNCT	Pa P1	Pa P1 01	15
Kubota	Toshiyuki	Kubota Dental Clinic	Japan	Evaluation for Radioactivation of Dental Materials and Draft for Measure Clinical Procedure on BNCT (Part 1) -Cobalt Chrome Alloy	PS1 C	PS1 C 11	
Kulabdullaev	Gairatulla	Institute of Nuclear Physics	Uzbekistan	About radiations from gadolinium at Neutron Capture Therapy	PS1 P	PS1 P 07	
Kulabdullaev	Gairatulla	Institute of Nuclear Physics	Uzbekistan	RESEARCH OF INFLUENCE OF BORON-CAPTURE REACTION ON TRANSPORT PROTEINS OF HUMAN BLOOD SERUM.	PS2 B	PS2 B 03	
Kumada	Hiroaki	University of Tsukuba	Japan	Verification of Tsukuba Plan, a new treatment planning system for BNCT	PI P1	PI P1 01	15
Kumada	Hiroaki	University of Tsukuba	Japan	Development of the linac based NCT facility in iBNCT project	PI P2	PI P2 01	15
Kuznetsov	Aleksandr	Budker Institute of Nuclear Physics	Russian Federation	Development of the injector for Vacuum Insulated Tandem Accelerator	PS2 P	PS2 P 19	
Leppänen	Anne	Glykos Finland Ltd. and Tenboron Ltd.	Finland	Development of novel boron carriers for BNCT	PI Ch1	PI Ch1 03	15
Li	YiGuo	China Institute of Atomic Energy	China	Measurement of Neutron Parameters in the Neutron Beam exit of IHNI	PS1 P	PS1 P 15	
Li	YiGuo	China Institute of Atomic Energy	China	Study on the design of the miniature cyclotron for accelerator based BNCT	PS2 P	PS2 P 18	
Liang	Tianjiao	Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, Chinese Academy of Sciences	China	Design of Neutron Production Target and Beam Shaping Assembly for 3.5MeV RFQ Accelerator-based BNCT	Pa P3	Pa P3 05	15
Lin	Ko-Han	Department of Nuclear Medicine, Taipei Veterans General Hospital	Taiwan	Reduction of tumor uptake on interim $^{18}\text{F}$ -FBPA-PET predicts the therapeutic response of boron neutron capture therapy	PS1 C	PS1 C 05	
Lipengolts	Alexey	Blokhin Russian Cancer Scientific Centre	Russian Federation	Prospects of intercellular complexes with gadolinium application in Binary Radiotherapy	PS2 B	PS2 B 10	
Liu	Yuan-Hao	Independent Reseacher	Taiwan	Neutron Activation and Exposure Estimation of a Lithium Target Design	PS2 P	PS2 P 22	
Liu	Yu-Ming	Division of Radiation Oncology, Taipei Veteran General Hospital	Taiwan	The $^{18}\text{F}$ -BPA-PET SUV data as a prognostic factor for BNCT treatment failure: from clinical experience	Pa C1	Pa C1 04	15
Liu	Yen-Wan Hsueh	National Tsing Hua University	Taiwan	BNCT Treatment Planning for Superficial and Deep-Seated Tumors : Experience from Clinical Trial of Recurrent Head and Neck Cancer at THOR	PI P1	PI P1 02	15
Liu	Yen-Wan Hsueh	National Tsing Hua University	Taiwan	The Collimator Design of Accelerator-based Epithermal Neutron Beam for Boron Neutron Capture Therapy	Pa P3	Pa P3 06	15
Longhino	Juan Manuel	CNEA, IB	Argentina	Design of a calibration beam for detector characterization.	PS2 P	PS2 P 05	
Longhino	Juan Manuel	CNEA, IB	Argentina	Calculation evaluation of Brachyenhancers as a complementary dose delivery system for BNCT application.	Pa P5	Pa P5 04	15
Longhino	Juan Manuel	CNEA, IB	Argentina	Inclusion of displacement factors in the dose separation method with paired ionization chambers.	PS2 P	PS2 P 06	
Makarov	Alexandr	Budker Institute of Nuclear Physics	Russian Federation	Problems of neutron spectrum measurements with TOF technique and their solutions	PS2 P	PS2 P 02	
Manabe	Masanobu	Division of Electrical, Electronic and Information Engineering, Graduate School of Engineering, Osaka University	Japan	Basic property of array-type CdTe detector for BNCT-SPECT	Pa B12	Pa B12 05	15
Marrale	Maurizio	Dipartimento di Fisica e Chimica, Università degli Studi di Palermo, Viale delle Scienze, Ed.18, I-90128 Palermo, Italy and INFN, Sezione di Catania, Catania, Italy.	Italy	Determination of gamma component in thermal column of Pavia Triga reactor by using alanine ESR detectors	Pa P6	Pa P6 02	15
Marrale	M.	Department of Physics and Chemistry, Università degli studi di Palermo, Palermo, Italy and INFN, Istituto Nazionale di Fisica Nucleare, Italy	Italy	Fricke gel, electron spin resonance and thermoluminescence for integration and inter-comparison of measurements in NCT dosimetry	PS1 P	PS1 P 23	
Marrale	Maurizio	Dipartimento di Fisica e Chimica, Viale delle Scienze, Ed.18, I-90128 Palermo, Italy and Gruppo V, INFN, Sezione di Catania, Catania, Italy	Italy	Phenol compounds for Electron Spin Resonance dosimetry of gamma and neutron beams	Pa P6	Pa P6 03	15
Marrale	M.	Dipartimento di Fisica e Chimica, Viale delle Scienze, Ed.18, I-90128 Palermo, Italy and Gruppo V, INFN, Sezione di Catania, Catania, Italy	Italy	Dosimetry of Mainz reactors by means of ESR dosimetry with alanine added with gadolinium	PS1 P	PS1 P 27	
Masunaga	Shin-ichiro	Research Reactor Institute, Kyoto University	Japan	Significance of Combined Treatment with Bevacizumab in Boron Neutron Capture Therapy in Terms of Local Tumor Response and Lung Metastasis	PS2 B	PS2 B 02	
Masutani	Mitsuko	Division of Genome Stability Research, National Cancer Center Research Institute	Japan	Analysis of cell-death response and DAMPs after boron neutron capture reaction in human cancer cells	Pa B2	Pa B2 02	15
Matsumoto	Tetsuo	Tokyo City University	Japan	Design of epithermal and thermal neutron beams for accelerator based BNCT applying to the TRIGA-II research reactor facility (1)Cyclotron accelerator (proton energy 30MeV and electric current 1mA)	PS2 P	PS2 P 07	
Matsumoto	Tetsuo	Tokyo City University	Japan	Design of epithermal and thermal neutron beams for accelerator based BNCT applying to the TRIGA-II research reactor facility (2)Linac accelerator (proton energy 8MeV and electric current 10mA)	PS2 P	PS2 P 08	
Matsumura	Akira	University of Tsukuba	Japan	i-BNCT project. An accelerator based in-hospital BNCT	Special 1	Special 1 03	12
Michiue	Hiroyuki	Department of Physiology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences	Japan	Novel multi-linked mercaptoundecahydrododecaborate (BSH) fused cell-penetrating peptide accelerated boron neutron capture therapy (BNCT)	PS2 B	PS2 B 11	
Minsky	Daniel M.	CNEA / UNSAM / CONICET	Argentina	Near threshold $7\text{Li}(p,n)7\text{Be}$ reaction as a neutron source for BNCT	Pa P3	Pa P3 02	15
Miyatake	Shin-Ichi	Department of Neurosurgery, Osaka Medical College	Japan	Development of BNCT in 12 years at Osaka Medical College	Hatanaka	Hatanaka	40
Miyatake	Shin-Ichi	Department of Neurosurgery, Osaka Medical College	Japan	BNCT for recurrent malignant gliomas, with the special combination of bevacizumab	Pa C1	Pa C1 02	15

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Miyoshi	Norio	Tumor Pathology, Faculty of Medicine, University of Fukui	Japan	Three In One: A Multifunctional Antitumor Sensitizer for Photodynamic, Boron Neutron Capture and Proton Therapies	Pa B2	Pa B2 03	15
Monti-Hughes	Andrea	CNEA	Argentina	Histamine reduces BNCT induced mucositis in precancerous tissue without affecting BPA biodistribution or long term inhibition of tumor development	Pa B1	Pa B1 03	15
Monti-Hughes	Andrea	CNEA	Argentina	Preliminary study of "Sequential" BNCT in an oral precancer model: a novel BNCT approach to treat tumors and inhibit the development of second primary tumors from surrounding precancerous tissue"	PI B2	PI B2 02	15
Murata	Isao	Osaka University	Japan	Mock-up Experiment at Birmingham University for BNCT Project of Osaka University - Outline of the Experiment -	Pa P4	Pa P4 01	15
Murata	Isao	Osaka University	Japan	Neutron Intensity Monitor with Activation Foil for p-Li Neutron Source for BNCT	PS1 P	PS1 P 19	
Nagasaki	Takeshi	Osaka City University	Japan	Carborane-Kojic Acid Conjugate for Melanoma-Targeting Boron Neutron Capture Therapy	Pa Ch3	Pa Ch3 03	15
Nakai	Kei	Department of Neurosurgery, Faculty of Medicine, University of Tsukuba	Japan	Application of micro-PIXE/PIGE technology to boron concentration analysis	PS2 BI	PS2 BI 03	
Nakamura	Satoshi	National Cancer Center	Japan	New approach to real-time measurement of the number of $^{10}B(n, \alpha)^7Li$ reactions using Gaseous Electron-Tracking Compton Camera (ETCC) system in boron neutron capture therapy	PS2 BI	PS2 BI 01	
Nakamura	Hiroyuki	Tokyo Institute of Technology	Japan	Development of Albumin-bound closo-Dodecaborate and its Promising Boron Delivery Efficacy to Tumor	Pa Ch1	Pa Ch1 02	15
Ngoga	Desire	University of Birmingham	United Kingdom	Glioma heterogeneity and the L-Amino acid transporter-1 (LAT1): A first step to stratified BPA-based BNCT?	PI C3	PI C3 02	20
Ngoga	Desire	University of Birmingham	United Kingdom	Who benefits most of BNCT? – A review on literature data on the prognostic value of protein expression of amino acid transporter 4F2hc/LAT1	Pa C1	Pa C1 01	15
Ohmae	Masatoshi	Oral and maxillofacial Surgery, Rinku General Medical Center	Japan	Assessment of Carotid Invasion of Head and Neck Cancer to be Treated with Boron Neutron Capture Therapy	PS1 C	PS1 C 06	
Okamoto	Emiko	Department of Neurosurgery, Master's program in Medical Sciences, Graduate School of Comprehensive Human Sciences, University of Tsukuba	Japan	Detection of plasmid strand breaks in boron neutron capture reaction	PS2 B	PS2 B 04	
Pan	Po-Shen	Tamkang University	Taiwan	Direct Synthesis of Boron-containing Ugi Analogues and their Biological Evaluations	Pa Ch1	Pa Ch1 01	15
Pazirandeh	Ali	Science and Research Branch, Islamic Azad University	Iran	Narrow Neutron Beam Assembly Facility in BNCT Application	PS2 P	PS2 P 29	
Phoenix	Ben	University of Birmingham	United Kingdom	Development of a higher power cooling system for solid lithium targets	Pa P3	Pa P3 04	15
Pisent	Andrea	MUNES project	Italy	MUNES project: an intense Multidisciplinary Neutron Source for BNCT based on a high intensity RFQ accelerator	Pa P1	Pa P1 04	15
Porras	Ignacio	University of Granada	Spain	A potential selective radiotherapy for ocular melanoma by sulfur neutron capture	PS1 P	PS1 P 05	
Porras	Ignacio	University of Granada	Spain	Weighted-Kerma/Fluence Factors for Monte Carlo calculations of the Biological Dose in BNCT	Pa P5	Pa P5 03	15
Porras	Ignacio	University of Granada	Spain	Application of a statistical model for the evaluation of the gamma dose in BNCT Monte Carlo simulations	PS1 P	PS1 P 09	
Portu	Agustina	Comisión Nacional de Energía Atómica/Consejo Nacional de Investigaciones Científicas y Técnicas	Argentina	Neutron autoradiography in nuclear track detectors: simultaneous observation of cells and nuclear tracks from BNC reaction by UV C sensitization of polycarbonate	Pa B12	Pa B12 02	15
Portu	Agustina	Comisión Nacional de Energía Atómica/Consejo Nacional de Investigaciones Científicas y Técnicas	Argentina	Inter-comparison project for boron concentration determination at INFN-University of Pavia (Italy) and CNEA (Argentina)	Pa B12	Pa B12 03	15
Postuma	Ian	University of Pavia and INFN	Italy	Geant4 study of BNCT mixed field energy deposit in an approximated healthy tissue geometry	Pa P5	Pa P5 02	15
Praena	Javier	Universidad de Sevilla. Centro Nacional de Aceleradores.	Spain	Experimental study of the 13.5 keV resonance of the $^{33}S(n, \alpha)^{30}Si$ reaction at CERN n_TOF facility for BNCT	PS2 P	PS2 P 04	
Praena	Javier	Universidad de Sevilla. Centro Nacional de Aceleradores.	Spain	Dedicated target based on micro-channel geometry for the generation of neutron beams for BNCT.	PS1 P	PS1 P 08	
Provenzano	Lucas	Comisión Nacional de Energía Atómica (CNEA) and CONICET.	Argentina	Extension of the alpha spectrometry technique for boron measurements in bone.	PS1 P	PS1 P 28	
Quah	Song Chiek	National Cancer Centre, Singapore	Singapore	Boron Neutron Capture Therapy for Locally Recurrent Head and Neck Cancer –A Review of Literature and A Comparison Against Systemic Therapy	PI C3	PI C3 01	20
Rahmani	Faezeh	Department of Radiation Application, Shahid Beheshti University	Iran	Design of Photon Converter and Photoneutron Target for High Power Electron Accelerator Based BNCT	PS2 P	PS2 P 13	
Ramos	Ricardo	Dan Beninson Institute (IDB), San Martin National University (UNSAM)	Argentina	Bioneutronics: thermal scattering in organic tissues and its impact on BNCT dosimetry	PS1 P	PS1 P 04	
Rendina	Louis	The University of Sydney	Australia	High Mitochondrial Accumulation of New Gadolinium Agents Within Tumor Cells For Binary Cancer Therapies	PI Ch1	PI Ch1 02	15
Rodríguez	Carla	Radiobiology Department (CAC), National Atomic Energy Commission (CNEA)	Argentina	IN VITRO STUDIES OF CELLULAR RESPONSE TO DNA DAMAGE CAUSED BY BORON NEUTRON CAPTURE THERAPY (BNCT) IN A RECURRENT THYROID CARCINOMA.	PS2 B	PS2 B 13	
Rodríguez	Carla	Radiobiology Department (CAC), National Atomic Energy Commission (CNEA)	Argentina	Preliminary in vivo studies for the application of Boron Neutron Capture Therapy (BNCT) to the treatment of differentiated and recurrent thyroid carcinoma using the histone deacetylase inhibitor, sodium butyrate (NaB) as a radiosensitizer.	PS2 B	PS2 B 14	
Sabaté-Gilarte	Marta	Universidad de Sevilla (Spain) - CERN (Switzerland)	Spain	n_TOF (CERN) planning experiments to improve BNCT dosimetry: $^{35}Cl(n, p)$ and $^{14}N(n, p)$ cross section measurements	PS2 P	PS2 P 03	
Saito	Keijiro	Shinshu University	Japan	Parameter optimization for the determination of BSH in whole blood by $^{10}B$ -NMR	Pa B11	Pa B11 04	15
Sakurai	Yoshinori	Kyoto University Research Reactor Institute	Japan	A Study of Effective Dose for Tumor in BNCT	PS1 P	PS1 P 06	
Sauerwein	Wolfgang	University Duisburg-Essen, University Hospital Essen	Germany	An improved electronic collection of BNCT literature	PS1 C	PS1 C 01	
Sauerwein	Wolfgang	University Duisburg-Essen, University Hospital Essen	Germany	A beam line for BNCT at the European Spallation Source ESS	PS2 P	PS2 P 25	
Schmitz	Tobias	Institut für Nuclear Chemistry, University of Mainz, Mainz	Germany	The Response of ESR Dosimeters in Thermal Neutron Fields	Pa P6	Pa P6 01	15
Schmitz	Tobias	Institute for Nuclear Chemistry, University of Mainz, Mainz	Germany	Neutron Spectra Measurements at the research reactor TRIGA Mainz	PS1 P	PS1 P 22	
Schwint	Amanda E	CNEA	Argentina	Boron Neutron Capture Therapy (BNCT) Mediated by Boronated Liposomes for Oral Cancer in the Hamster Cheek Pouch Model	PI B2	PI B2 01	15

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Sheu	Rong-Jiun	Institute of Nuclear Engineering and Science, National Tsing Hua University, Hsinchu, Taiwan	Taiwan	Characteristics and Application of a Spherical Type Activation-based Detector for Neutron Spectrum Measurements at the THOR BNCT Facility	PS1 P	PS1 P 29	
Siqueira	Paulo	Instituto de Pesquisas Energéticas e Nucleares, IPEN-CNEN/SP	Brazil	Evaluation of TLD 600/700 responses at different irradiation fields	PS1 P	PS1 P 26	
Skalyga	Vadim	Institute of Applied Physics of Russian Academy of Sciences	Russian Federation	Neutron Generator for BNCT Based on High Current ECR Ion Source with Gyrotron Plasma Heating	Pa P2	Pa P2 04	15
Smilgys	Bárbara	Instituto de Física "Gleb Wataghin", UNICAMP	Brazil	Effects of alpha particles irradiation on cell survival for BNCT dosimetric studies	PS1 P	PS1 P 25	
Szteinberg-Gonçalves-Carralves	Manuel	CNEA	Argentina	Neutron flux assessment of a neutron irradiation facility based on inertial electrostatic confinement fusion	PS1 P	PS1 P 17	
Takata	Takushi	Research Reactor Institute, Kyoto University, and The Wakasa Wan Energy Research Center	Japan	Localized Dose Delivering by Ion Beam Irradiation for Experimental Trial of Establishing Brain Necrosis Model	PS2 B	PS2 B 09	
Takeyoshi	Tsuyako	Cancer Intelligence Care Systems, Inc.	Japan	Clinical irradiation bed system with 3D-optimization algorithm for BNCT	PS1 C	PS1 C 04	
Taki	Kazuya	Sumitomo Heavy Industries, Ltd.	Japan	Development of the real-time neutron monitor with a LiCAF scintillator	PS1 P	PS1 P 14	
Tamaki	Shingo	Division of Electrical, Electronic and Information Engineering, Graduate School of Engineering, Osaka University	Japan	Design of A New Wide-dynamic-range Neutron Spectrometer for BNCT with Liquid Moderator and Absorber	Pa P4	Pa P4 04	15
Tamaki	Shingo	Graduate School of Engineering, Osaka University	Japan	Mock-up Experiment at Birmingham University for BNCT Project of Osaka University - Neutron Flux Measurement with Gold Foil -	Pa P4	Pa P4 02	15
Tanaka	Kenichi	Sapporo Medical University	Japan	Experimental trial of measuring spatial distribution of neutrons and gamma rays in BNCT	PS1 P	PS1 P 11	
Tanaka	Hiroki	Kyoto University Research Reactor Institute	Japan	Study on the accelerator-based neutron source using Be(p,n) reaction with proton energy of lower than 30 MeV	Pa P2	Pa P2 02	15
Taskaev	Sergey	Budker Institute of Nuclear Physics, Novosibirsk	Russian Federation	Modification of the argon stripping target of the tandem accelerator	PS2 P	PS2 P 14	
Taskaev	Sergey	Budker Institute of Nuclear Physics, Novosibirsk	Russian Federation	A new concept of a Vacuum Insulation Tandem Accelerator	PS2 P	PS2 P 15	
Taskaev	Sergey	Budker Institute of Nuclear Physics	Russian Federation	Studying of gamma-ray and neutron radiation in case of 1 – 2 MeV proton beam interaction with various construction materials	PS2 P	PS2 P 16	
Tatari	Mansoureh	Faculty of Physics, University of Yazd, Yazd, 89195-741, Iran	Iran	A study of photoneutron source based on electron accelerator including heat transfer using the jet impingement cooling method	PS2 P	PS2 P 12	
Tietze	Rainer	ENT-Department, Section for Experimental Oncology and Nanomedicine (Else Kröner-Fresenius-Stiftung-Professorship), University Hospital Erlangen	Germany	Boron containing magnetic nanoparticles for neutron capture therapy - An innovative approach for specifically targeting tumors	Pa Ch2	Pa Ch2 03	15
Trivillin	Verónica A	CNEA	Argentina	BNCT in an experimental model of lung metastases in BDIX rats	PI B1	PI B1 02	20
Trivillin	Verónica A	CNEA	Argentina	BNCT as a potential therapy for rheumatoid arthritis: biodistribution study of BPA and GB-10 in a model of antigen-induced arthritis in rabbits	PS2 B	PS2 B 01	
Tsuchida	Kazuki	Nagoya University	Japan	Development of an accelerator-driven compact neutron source for BNCT in Nagoya University	PS2 P	PS2 P 17	
Tulik	Piotr	National Centre for Nuclear Research	Poland	Dosimetric quantities measured by recombination chambers in low-energy neutron beams	PS1 P	PS1 P 24	
Ueda	Haruaki	Graduate School of Engineering, Kyoto University	Japan	The improvement of the energy resolution in epi-thermal region of Bonner sphere using boric acid solution moderator	Pa P4	Pa P4 03	15
Unterweger	Harald	ENT-Department, Section for Experimental Oncology and Nanomedicine (SEON), Else Kröner-Fresenius-Stiftung-Professorship, University Hospital Erlangen, Germany	Germany	Synthesis of boron containing magnetic nanoparticles for potential neutron capture therapy	PS1 Ch	PS1 Ch 02	
Vainionpaa	Jaakko	Adelphi Technology Inc.	United States	Experiments and simulations using a high flux DD neutron generator	Pa P2	Pa P2 03	15
Wang	Ling-Wei	Taipei Veterans General Hospital	Taiwan	Fractionated BNCT for locally recurrent head and neck cancer at THOR: an update of treatment results	PI C1	PI C1 02	20
Winkler	Alexander	Department of Physics, University of Helsinki, POB 64 FI-00014 Helsinki, Finland	Finland	Detecting BNCT prompt gamma and neutron spectra with a CdTe detectors	Pa B12	Pa B12 06	15
Vins	Miroslav	Research Centre Rez	Czech Republic	Effectiveness of epithermal neutron beam and neutron radiation shielding of samples in BNCT experiments	PS1 P	PS1 P 20	
Yamaguchi	Yurie	Research and Development Office, Japan Chemical Analysis Center	Japan	Development of rapid and precise boron isotope analysis in whole blood by HR-ICP-MS	Pa B11	Pa B11 03	15
Yamamoto	Tetsuya	Department of Neurosurgery, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan	Japan	BNCT and salvage therapy for a patient with multiform glioblastoma with over seven years survival and preserved performance status	PS1 C	PS1 C 08	
Yanagie	Hironobu	Dept. of Innovative Cancer Therapeutics, Meiji Pharmaceutical University	Japan	Clinical Experiences of Boron Neutron Capture Therapy to Recurrent Rectal Cancers	PI C1	PI C1 03	20
Yanagie	Hironobu	Dept. of Innovative Cancer Therapeutics, Meiji Pharmaceutical University	Japan	Feasible evaluation of WOW emulsion as intra-arterial boron delivery carrier for Neutron Capture Therapy to Hepatocellular Carcinoma	PS1 Ch	PS1 Ch 06	
Yoshida	Fumiyo	Faculty of Medicine, University of Tsukuba	Japan	Additive effect of BPA and Gd-DTPA for application in accelerator-based neutron source	PS2 B	PS2 B 07	
Yoshihashi	Sachiko	Graduate School of Engineering, Osaka University	Japan	Mock-up Experiment at Birmingham University for BNCT Project of Osaka University - Gamma-ray Dose Measurement with Glass Dosimeter -	PS1 P	PS1 P 18	
Yoshino	Kazuo	Shinshu! University	Japan	First observation of the complex of BPA with blood component in whole blood by 10B-NMR	Pa B11	Pa B11 05	15
Yoshioka	Masakazu	KEK, High Energy Accelerator Research Organization	Japan	Construction of Accelerator-based BNCT facility at Ibaraki Neutron Medical Research Center	Pa P1	Pa P1 03	15
Zaboronok	Alexander	Department of Neurosurgery, Faculty of Medicine, University of Tsukuba	Japan	Hyaluronic acid- and melanin-based boron compounds for combined neutron capture therapy	Pa Ch2	Pa Ch2 01	15
Zhang	Zizhu	China Institute of Atomic Energy	China	PGNAA system preliminary design and measurement of IHNI	PS1 P	PS1 P 30	