



**EDITOR-IN-CHIEF**  
**JULIAN MALICKI, Ph.D.**

Greater Poland Cancer Centre, Poznań, Poland

**CO-EDITORS:**

**CLINICAL**

**Marco KREGLI**, University of Piemonte Orientale,  
University Hospital Maggiore della Carità, Italy

**Carmen LLACER-MOSCARDO**, Institut Régional  
du Cancer, Montpellier, France

**Hugo Raúl MARSIGLIA**, Instituto Oncológico,  
Santiago, Chile

**Jiří PETERA**, Medical Faculty Hospital,  
Hradec Králové, Czech Republic

**Marcela de la TORRE**, Universidad de Buenos  
Aires Viamonte, Buenos Aires, Argentina

**Primož STROJAN**, Institute of Oncology,  
Ljubljana, Slovenia

**Tatiana HADJIEVA**, Radiotherapy Department,  
University Hospital, Sofia, Bulgaria

**BIOLOGY**

**Bogusław MACIEJEWSKI**, Cancer Center and  
Institute of Oncology, Gliwice, Poland

**Michał MASTERNAK**, Burnett School of Biomedical  
Sciences, College of Medicine at University of  
Central Florida in Orlando, FL, USA

**EDITORIAL OFFICE**

Piotr MILECKI /MEDICAL CONSULTANT/  
Anna RUCIŃSKA /MEDICAL CONSULTANT/  
Michał MICHALAK /STATISTICAL EDITOR/  
Sylwia CIESIŃSKA /ADMINISTRATIVE ASSISTANT/  
Bradley LONDRES /LANGUAGE EDITOR/

**BRACHYTHERAPY**

**Ovidiu COZA**, Institutul Oncologic, Cluj-Napoca,  
Romania

**Ferran GUEDEA**, Institut Català d'Oncologia (ICO),  
Hospital Duran I Reynals, Barcelona, Spain

**Csaba POLGAR**, National Institute of Oncology,  
Budapest, Hungary

**Maria de Lurdes TRIGO**, Instituto Português  
Oncologia, Porto, Portugal

**PHYSICS**

**Julian MALICKI**, Greater Poland Cancer Centre,  
Poznań, Poland

**SURGICAL ONCOLOGY**

**Wojciech GOLUSIŃSKI**, Greater Poland Cancer  
Centre, Poznań, Poland

**EDITOR ADDRESS**

Greater Poland Cancer Centre  
Garbary 15 Str 61, 866 Poznań, Poland  
E-Mail rpor@wco.pl

## EDITORIAL BOARD

- BALTAS Dimos**,  
Klinikum Offenbach GmbH, Offenbach, Germany
- BARTELINK Harry**,  
Netherlands Cancer Institute – AvL, Amsterdam, The Netherlands
- BIETE Albert**,  
Radiation Oncology Department, Hospital Clinic de Barcelona, Barcelona, Spain
- BOUREL Victor**,  
Universidad Favaloro, Buenos Aires, Argentina
- BRAKENHOFF Ruud**,  
Vumc-Cancer Center, Amsterdam, The Netherlands
- CASTEL MILLÁN Antoni**,  
Usp Instituto Universitario Dexeus, Barcelona, Spain
- ČEMAŽAR Maja**,  
University of Primorska, Isola, Slovenia
- CEREZO PADELLANO Laura**,  
Hospital Universitario La Princesa, Madrid, Spain
- CYGLER Joanna**,  
Ottawa Hospital Regional Cancer Centre, Ottawa, Canada
- DIETZ Andreas**,  
University of Leipzig, Leipzig, Germany
- DO CARMO LOPES Maria**,  
Instituto Português De Oncologia, Coimbra, Portugal
- DUNSCOMBE Peter**,  
University of Calgary, Calgary, Canada
- FELTL David**,  
University Hospital Ostrava, Ostrava, Czech Republic
- FIJUTH Jacek**,  
Medical University of Łódź, Łódź, Poland
- FONG de los Santos Luis E.**,  
Department of Radiation Oncology, Mayo Clinic, Rochester, Minnesota
- GABROVSKI Roumen**,  
Regional Oncological Hospital, Shumen, Bulgaria
- GASIŃSKA Anna**,  
Cancer Center And Institute of Oncology, Kraków, Poland
- GOMEZ-ITURRIAGA Alfonso**,  
Cruces University Hospital, Bizkaia, Spain
- GRENMAR Reidar**,  
Turku University Hospital, Turku, Finland
- GULYBÁN Ákos**,  
European Organisation For Research And Treatment of Cancer, Brussels, Belgium
- HEIDE van der Uulke**,  
Department of Radiation Oncology, The Netherlands Cancer Institute, Amsterdam, The Netherlands
- HERVAS Asuncion**,  
Hospital Ramón Y Cajal, Madrid, Spain
- JASSEM Jacek**,  
Uniwersyteckie Centrum Kliniczne, Gdańsk, Poland
- JERECZEK-FOSSA Barbara**,  
European Institute of Oncology, Milano, Italy
- KACSÓ Gabriel**,  
Oncology Institute „Prof. Dr. Ion Chiricută”, Cluj-Napoca, Romania
- KAŹMIERSKA Joanna**,  
Greater Poland Cancer Centre, Poznań, Poland
- KONEFAŁ Adam**,  
Department of Nuclear Physics and its Applications, Institute of Physics, University of Silesia, Katowice, Poland
- KOVÁCS György**,  
University of Lübeck, Lübeck, Germany
- KRENGLI Marco**,  
Ospedale Maggiore Della Carita, Novara, Italy
- KRISHNAN Sunil**,  
University of Texas Md Anderson Cancer Center, Houston, Texas, USA
- KUKOŁOWICZ Paweł**,  
Centre of Oncology-Institute, Warsaw, Poland
- LARA Pedro C.**,  
Hospital Universitario de Gran Canaria, Gran Canaria, Spain
- LEEMANS René**,  
VU University Medical Center, Amsterdam, The Netherlands
- LOPES DE CASTRO Carla**,  
Instituto Português de Oncologia, Porto, Portugal
- LÓPEZ GUERRA José Luis**,  
Hospital Universitario Virgen del Rocío, Sevilla, Spain
- LOPEZ Torrecilla José**,  
Servicio Oncología Radioterápica-ERESA Hospital General Universitario, Valencia, Spain
- MACIA Miquel**,  
Institut Català d’Oncologia (ICO), Barcelona, Spain
- MACKIEWICZ Andrzej**,  
Greater Poland Cancer Centre, Poznań, Poland
- MAJOR Tibor**,  
National Institute of Oncology, Budapest, Hungary
- MARKOWSKA Janina**,  
Poznań University of Medical Sciences, Poznań, Poland
- MARZALEK Andrzej**,  
Poznań University of Medical Sciences, Poznań, Poland
- MICHALAK Michał**,  
Poznań University of Medical Science, Poznań, Poland
- MILECKI Piotr**,  
Greater Poland Cancer Centre, Poznań, Poland
- MONTERO Luis Angel**,  
University Hospital Ramón Y Cajal, Madrid, Spain
- MURAWA Paweł**,  
Greater Poland Cancer Centre, Poznań, Poland
- NAGY Viorica Magdalena**,  
University of Medicine And Pharmacy “Iuliu Hatieganu”, Cluj-Napoca, Romania
- NAVARRO Arturo**,  
L’ Hospitalet de Llobregat, Barcelona, Spain
- OBLAK Irena**,  
Institute of Oncology, Ljubljana, Slovenia
- OLOFSSON Jan**,  
Haukeland University Hospital, Bergen, Norway
- PEREZ ROMASANTA Luis A.**,  
Hospital Clínico Universitario De Salamanca, Salamanca, Spain
- PETERLIN Primož**,  
Department of Radiophysics, Institute of Oncology Ljubljana, Ljubljana, Slovenia
- PIOTROWSKI Tomasz**,  
Poznan University of Medical Sciences, Poznan, Poland
- PODGORSKAK Ervin B.**,  
Montreal General Hospital, Montréal, Canada
- POITTEVIN Adela**,  
Radiation Oncology Department, Medica Sur, Mexico DF, Mexico
- POLI Maria Esmeralda**,  
Hospital De Santa Maria, Lisboa, Portugal
- POORTMANS Philip**,  
Instituut Verbeeten, Tilburg, The Netherlands
- PÖTTNER Richard**,  
Allg. Krankenhaus der Stadt Wien, Vienna, Austria
- ROSZAK Andrzej**,  
Greater Poland Cancer Centre, Poznań, Poland
- ROVIROSA Angeles**,  
Hospital Clinic i Universitari, Barcelona, Spain
- RUBIO RODRIGUEZ Maria Del Carmen**,  
Hospital Universitario Madrid Sanchinarro, Madrid, Spain
- SANCHEZ-DOBLADO Francisco**,  
Universidad de Sevilla, Sevilla, Spain
- SAS-KORCZYŃSKA Beata**,  
Cancer Center and Institute of Oncology, Kraków, Poland
- SCALLIET Pierre**,  
University Hospital St. Luc, Brussels, Belgium
- SKŁADOWSKI Krzysztof**,  
Cancer Center and Institute of Oncology, Gliwice, Poland
- SKOŁYSZEWSKI Jan**,  
Cancer Center and Institute of Oncology, Kraków, Poland
- SOUMAROVA Renata**,  
Comprehensive Cancer Centre, Novy Jicin, Czech Republic
- STRNAD Vratislav**,  
University Hospital Erlangen, Erlangen, Germany
- TAKACSI-NAGY Zoltán**,  
National Institute of Oncology, Budapest, Hungary
- TARNAWSKI Rafał**,  
Oncology Institute, Gliwice, Poland
- VELENIK Vaneja**,  
Institute of Oncology, Ljubljana, Slovenia
- VOŠMIK Milan**,  
University Hospital, Hradec Kralove, Czech Republic
- WACHOWIAK Jacek**,  
Poznań University of Medical Science, Poznań, Poland
- WALIGÓRSKI Michał**,  
Cancer Center and Institute of Oncology, Kraków, Poland