

## Andrzej Stanisław Urbanik

### Education

1960 – 1968	Primary School No 15 in Rzeszów
1968 – 1972	III High School in Rzeszów
1965 – 1970	State School of Music (1 <sup>st</sup> level) in Rzeszów
1970 – 1971	State School of Music (2 <sup>nd</sup> level) in Rzeszów
1972 – 1978	Faculty of Medicine, Medical University in Kraków
1991	Radiology specialist degree
1991	PhD degree
2003	Associate Professor
2009	Professor

### Professional activity

1978 – 1988	Chair of Radiology, Medical University in Kraków (Assistant)
1978 – 1988	Department of Radiology, The State Hospital of Medical University in Kraków (Assistant)
1988 – 1992	Institute of Radiology, Medical University in Gdańsk (Assistant Lecturer)
1988 – 1992	Department of Radiology, The State Hospital of Medical University in Gdańsk (Assistant Lecturer)
Since 1992	Chair of Radiology, Collegium Medicum Jagiellonian University (Head - since 1998)
Since 1992	Department of Diagnostic Imaging, University Hospital in Kraków (Head - since 1998)

### Scientific activity

264 publications: articles (peer-reviewed Polish and international journals), chapters in books, video/CD films

665 presentation abstracts published at Polish (398) and international (257) congresses

Grants of the Committee for Scientific Research (leader or main contractor) - 7

Statutory research project – 11 (leader)

Statutory research project – 40 (co-contractor)

Promoter of the 16 Ph.D.

Supervisor of the 4 habilitations

Supervisor of specialization internships of 15 doctors

1988 – 1992 Secretary of Polish Medical Society of Radiology (PLTR),

1993 – 2004 Secretary of Vascular and Interventional Radiology Group of PLTR,

Since 1998 Regional Consultant of Radiology-Diagnostic Imaging in Małopolska,

- founder and leader of the website: [www.radiologia-malopolska.org](http://www.radiologia-malopolska.org)
- 2004 – 2006 President of Vascular and Interventional Radiology Group of PLTR,
- 2004 – 2006 Member of the Committee of Didactics of European Association of Radiology
- 2004 - 2016 V-ce President of Polish Medical Society of Radiology (PLTR),
- 2007 – 2016 Member of the Radiation Hygiene and Radiobiology Commission of Committee of Medical Physics, Radiobiology and Diagnostic Imaging, Polish Academy of Science
- 2007 – 2010 Member of the Diagnostic Imaging Commission of Committee of Medical Physics, Radiobiology and Diagnostic Imaging, Polish Academy of Science
- 2016 - President of Polish Medical Society of Radiology (PLTR)

Editorial Board Member: Polish Journal of Radiology, Przegląd Lekarski, The Neuroradiology Journal. Editor-in-chief (and founder) of the website: [www.polradiologia.org](http://www.polradiologia.org)

Chairman of the organizing or scientific committees of 195 courses, symposia and congresses – including European Congress of Neuroradiology, Royal College of Radiologists Training Team, Halley Project Course, European Seminar on Diagnostic and Interventional Radiology, European School of Radiology, Polish Congress of Ultrasonography

Originator of the cyclical scientific events: Kraków Radiology Meeting (KSR), Regional Radiology Meeting (RSR), Polish Forum of Interventional Radiology (OFRI), Radiology Common Cause Symposium (RWS)

Organizer of internships for young radiologists from Ukraine (2008-2011)

### **Implementation and interesting research projects (with a team)**

1. Examination of the Egyptian mummies (1995-2000)
  - one of the world's first comprehensive studies of the mummy using modern postprocessing techniques, including the first attempt of the intravital facial reconstruction based on image data only, without expanding the mummy
2. Development and application of MR cholangiopancreatography methods (1989-1990)
  - the first comprehensive evaluation of the usefulness of MRCP performed in Poland, a monograph was published
3. The introduction of the CT and MR virtual endoscopy into the diagnostic imaging (1998)
  - the first in Poland examinations using CT and MR virtual endoscopy and the application of these method into the routine diagnostic imaging
4. Spectroscopy examinations of brain, especially concerning brain aging (since 1998)
  - the first in Poland comprehensive HMRS examinations concerning brain aging (then they were completed by fMRI studies)

5. Phosphorous MR spectroscopy (since 1999)
  - the first in Poland CSN and muscles examinations using phosphorus MR spectroscopy
6. Functional MR imaging (fMRI) of brain (since 1998)
  - one of the first in Poland fMRI examinations (in 1998 they were started in Kraków and Łódź) made on a large scale, especially the innovative study of memory, aspects of bilingualism, left-handedness, emotions, pain, and hypnosis
7. Methods of the MR dental diagnostics (since 1999)
  - the first in Poland MR examinations of temporomandibular joint as well as the application of CT examination in the planning of implants
8. Information systems in radiology and teleradiology
  - the first in Poland RIS (1998), PACS (1999) and teleradiology system (1998); especially important is the fact that these systems were developed “in-house”
9. Rapid Prototyping (since 2000)
  - the first in Poland experiments with the medical modeling technique with practical application in maxillofacial surgery and neurotraumatology
10. MR diagnostics of fetuses
  - imaging examinations containing (for the first time in Poland, 2000) HMRS study of fetal brains; publication of the atlas “MR fetal defects” (2013)
11. Comprehensive MR diagnostics of prostate (since 2004)
  - the first in Poland examinations using transrectal coil (imaging, DWI, PMR, HMRS)
12. Comprehensive MR diagnosis of breast with MR biopsy
  - the first in Poland (2005) application of MR breast biopsy
13. Comprehensive MR/ultrasound diagnosis with imaging fusion in rheumatic diseases
  - the first such procedures used in Poland (since 2007)
14. X-ray and CT examinations for paleopathology (since 1998)
  - investigation of the remains from the historical cemeteries
15. Virtual CT autopsy
  - the leading of the routine examinations using virtual CT autopsy (for the first time in Poland, 2009) for forensic purposes; also for the first time in Poland virtual MR autopsies were performed (2010)
16. X-ray and CT examination of the General Władysław Sikorski’s remains (2008)
17. Investigation of the effect of alcohol on the CNS (since 2005)

- the first in Poland and one of the few in the world comprehensive studies of the effect of alcohol on the CNS using HMRS and DWI

18. Studies of the CNS of children with Fetal Alcohol Spectrum Disorder (FASD) (since 2008)

- the first in Poland and one of the few in the world comprehensive studies of the effect of alcohol on the CNS using MRI, HMRS and DWI
- the originator of the first hospital FASD Center in Poland (St. Louis Hospital, Kraków)

## **Awards**

1966

Prize winner of the National Contest "Poland is situated on the Baltic"

1971

Prize winner of the National Competition of Life Sciences

1972

Finalist of the Navigation Olympics

1992

Polish Medical Society of Radiology Scientific Award (individually)

1999

Individual Scientific Award for the best experimental scientific work - Scientific Congress of the Polish Society of Urology, Warszawa, Poland

2001

1<sup>st</sup> Award (collectively) - Cardiovascular and Interventional Radiological Society of Europe Congress, Goteborg, Sweden

2002

Silver Grant (collectively) - European Respiratory Society Congress 2002, Stockholm, Sweden

2002

Certificate of Appreciation (collectively) - European Congress of Radiology, Wien, Austria

2004

Polish Medical Society of Radiology Scientific Award (individually)

2004

"Merit for the Polish Medical Society of Radiology" Medal (individually)

2005

Main Award (collectively) - Polish Medical Society of Magnetic Resonance, Szczyrk, Poland

2005

3<sup>rd</sup> Award (collectively) - Kraków-Winnipeg Workshop on Magnetic Resonance and Molecular Imaging

2005

1<sup>st</sup> Award (collectively) - Polish Psychogeriatric Society Congress and Alzheimer Wernicke Memorial Symposium, Wrocław, Poland

2005

Polish Society of Neuropsychology Award (individually) - Copernicus Prize

2006

2<sup>nd</sup> Award (collectively) - European Urology Meeting, Prague, Czech Republic

2006

Medal of Professor Józef Bogusz (individually) - Cracow Medical Society

2007

Certificate of Appreciation (media) - Radiological Society of North America Congress, Chicago, USA, (collectively)

2009

Certificate of Appreciation (media) - Radiological Society of North America Congress, Chicago, USA, (collectively)

2009

Diploma „Honorary Ambassador of Polish Congresses” (individually) - Polish Tourist Organization

2010

Honorary Member of American Urological Association (The New York Section)

2010

1<sup>st</sup> Award (collectively) Central European Meeting of European Association of Urology, Bratislava, Slovakia

2010

Gold Medal for long service (individually) - Jagiellonian University

2011

Honorary Member of Polish Society of Electroradiology (individually)

2012

Scientific Award of the Minister of Health (collectively)

2012

Certificate of Appreciation (collectively) - Radiological Society of North America Congress, Chicago, USA

2013

Medal of the National Education (individually)

2014

Main Prize (Summa cum Laude) at the American Society of Neuroradiology Congress (Montreal) (collectively)

2016

Honorary Member of Polish Medical Society of Radiology (individually)

## **Interests**

Poetry, history of civilization, sailing, travelling

- skipper (Baltic, North Sea, Mediterranean Sea, Caribbean, Indian Ocean, Pacific),
- initiator and organizer of the Polish Radiological Sailing Championships,
- initiator and organizer of the Polish Radiological Skiing Championships,

- one of the pioneers of Polish globetrotting, as well as one of the founders of the Polish globetrotters communities,
- he has visited over 100 countries (Europe, Africa, Asia, America, Australia and Oceania); two trips around the world,
- the founder of the Tramping Expeditions Organizers' Club "Tramping Club" (at BPiT Almaty in Kraków, 1979) as well as the Cracow Travelers Club "Travenalia" (1995),
- the author of the first Polish vademecum for travelers (1980),
- the author of the first Polish guide for globetrotters (1987 – South-East Asia),
- the author of the first Polish globetrotter guide of China (1986),
- the originator and the editor of 20 volumes of the book "Through the world" („Przez wiat”) - stories from trips to the most interesting regions of the world,
- the originator and organizer of the first (since 1985) Polish annual travellers meeting – OSOTT (National Globetrotters, Tramps and Tourists Meeting); [www.osott.pl](http://www.osott.pl),
- the founder and leader of the oldest Polish website for travelers – [www.travelbit.pl](http://www.travelbit.pl) (in 1986-96 a news mail service, since 1996 a website),
- the originator and co-founder of the travel festival Travenalia,
- editor-in-chief of journals: Globtrotter and Travel (1988-1992),
- realization and leading of the TV program "Through the world" („Przez wiat”), 1994-96),
- in 2006 he received a special award of Colossi for creating the Polish globetrotter movement.

## **Bibliography**

Teresa B tkowska: Człowiek – Instytucja, Alma Mater 2011, 132: 36-42