



Brief biographical note

Prof. Maria Sajin is professor at the University of Medicine and Pharmacy "Carol Davila" Bucharest, head of the Chair of Morphopathology.

Professional and scientific activity:

- ❖ 18 speciality books and chapters in books (courses on macroscopic and microscopic pathological anatomy, atlases of pathological anatomy and of cyto-histopathology of uterine cervix, biological effects of electromagnetic radiations and other materials necessary in the didactic activity);
- ❖ 26 papers in international scientific journals;
- ❖ 116 papers published in the proceedings of international or national conferences
- ❖ 166 other papers and scientific contribution;
- ❖ More than 75 research reports
- ❖ Member of the following national and international professional societies:
 - Union of the Medical Sciences Societies of Romania;
 - The Romanian Cythology Society;
 - The Normal and Pathologic Morphology Society -- Secretary of the Committee;
 - The European Society of Pathology from 1993;
 - The International Academy of Pathology from 1995 -- secretary of the Romanian Division;
 - The Balkan Medical Society from 1996;
 - French Clinical Cytology Society from 1996;

Name, salutation: Professor Maria Sajin

Current appointment:

- Professor and head of the Chair of Morphopathology at the "Carol Davila" Medical University in Bucharest,
- Head of the Laboratory of Pathology of the National Institute of Pathology "Victor Babes", Bucharest.
- Head of the Pathological Anatomy Department of the Bucharest University Hospital.



Educational Background:

- 1979 – Maria Sajin graduated from the "Carol Davila" Medical University of Bucharest, Faculty of General Medicine;
- 1980 – 1985 – general physician;
- 1985 – assistant professor by competition at the Chair of Morphopathology of the "Carol Davila" Medical University of Bucharest;
- 1988 – principal physician in morphopathology and forensics;
- 1993 – primary physician in the same speciality;



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- April 1994 – graduated as a doctor (Ph.D.) in medical sciences, pathological anatomy speciality with a thesis entitled "Researches on histopathology and histogenesis of annexial epidermal tumors".

Experience:

Dr. Maria Sajin was a beneficiary of four professional residential course in France and in Belgium as follows:

- August 1991: summer school in hematopathology, Grezels, France, coordinated by Prof. Dr. Christian Nezeloff;
- 1992: three months improvement residential course in the franco-romanian framework World AIDS Foundation - Assistance Publique - Hopitaux de Paris concerning pathological anatomy of human immunodeficiency induced by infection with HIV. This residential course, coordinated by Prof. Dr. Jacques Diebold, was in the domain of ganglionar tumoral pathology, neurological pathology and infectious diseases pathology at the "Pitie-Salpetriere", "Hotel – Dieu" hospitals and "Louis Pasteur" Institute in Paris;
- 1992 ... 1993: four months improvement residential course coordinated by Prof. Dr. Henry Noel in the "Saint Luc" University Clinics of the Catholic University in Louvain comprising the study of lymph nodes and spleen pathology, bone pathology, soft tissues pathology and study of the respiratory tract pathology;
- 1996: six months improvement residential course concerning cytopathologic, histopathologic, histochemical and immunohistochemical methods in early diagnosis of female genito-mammary cancer. This course was carried out in the Pathologic Anatomy and Cytology Laboratory of the "Broussais -- Hôtel-Dieu" Faculty of Medicine, Paris VI University, under the leadership of Prof. Dr. Jacques Diebold and in "Cochin", "Lariboisiere" and "Rene Huguenin" hospitals in Paris under the leadership of Prof. Dr. M.-C. Vacher - Lavenue, Prof. Dr. M. Maillet, Dr. Annie Gentile, Dr. M. Brifford and Dr. M. Marsan.
- 2000: international course "Early diagnosis and cure of the utherine col cancer" with the aid of european instruction programme «Leonardo Da Vinci»;
- 2002: international course "Diagnosis actualities in the screening and cytopathologic examination in the utherine col cancer";
- 2004: international course "Neurology of the development" - UMF «Carol Davila» Bucuresti and SERA ROMANIA foundation;
- 2004 – 2005: course of "Management in the health administration"
- 2007: professional development programme: «HEALTH 2007», Lisabona, 23–27 aprilie 2007.

Research/clinical interest

Prof. Maria Sajin participated in various research activities in her area of expertise. As research director or member in research teams, she participated in 33 research projects concerning histologic grading and early diagnosis of the female reproductive system and the breast carcinoma, surgical pathology of gastrointestinal tract, liver, gallbladder, biliary tract, pancreas, lymph nodes and spleen malignant tumors. She also studied the pathologic aspects of AIDS and clinical and morphological aspects of the malabsorption syndrome in children. The research results were published in more than 300 papers and scientific communications in reviews and scientific conferences and symposia.



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Present Areas of Research

Studies concerning the human tissue pathology in their interaction with the structures used in abdominal surgery. Definition and selection of the histopathologic investigation methods for evaluation of effects of such structures on human tissues. Evaluation of the tissues in contact with structures used in abdominal surgery.

Title of your BIOMMEDD 2010 lecture:

STUDY OF THE PIEZOELECTRIC PZT CERAMIC INFLUENCE ON BIOLOGICAL MEDIA IN BIOMEDICAL APPLICATIONS