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Diagnostic cytopathology in Russia: From traditions to the future

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Clinical cytology in Russia has been born in the body of Clinical laboratory diagnostics and hematology and starts to develop rapidly in the early 60th. Moscow Cancer Research Centre by P.A. Herzen became a leader of diagnostics cytology: FNA and exfoliative material, rapid on-site intraoperative, endoscopic and FNA evaluation, cervical screening etc. About 300 centralized cytological laboratories were founded in the early 70th. The government system of quality control has been designed in 90th. Nowadays conventional and liquid-based cytology is used in clinical cytology for gynecological and non-gynecological samples as well as ancillary techniques such as immunocytochemistry, immunophenotyping, PCR, cytogenetics and other molecular studies. Automation was implemented for cervical screening in some laboratories. Russian Medical Academy of Continuous Professional Education plays an important role in scientific work, teaching and training: Courses from 2 weeks to 3 months, monthly held "Round Table", computer classrooms, e-learning by lectures and scanned virtual slides etc.

Biography

Irina Shabalova has got her MD degree in Moscow Medical Institute, PhD in 1986 from Cancer Research Centre by PN Herzen, ScD degree in 2002. Her practice as clinical cytologist begins in 1975. Positions: Junior Researcher, PA Herzens' Cancer Research Centre, Associate Professor, Central Institute of Postgraduate Education, Senior Researcher, NN Blokhin Cancer Research Centre, 2003-Professor, Russian Medical Academy of Postgraduate Education. She has published more than 140 papers, 9 books. An editorial board member of the journals "Clinical Laboratory Diagnostics", "Laboratory" (Russia), Editorial Board member of "Acta Cytologica" (IAC), Advisory Board member of "Cytopathology" (GB). MIAC, Past-president of the Russian Association of Clinical Cytologists.

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