

Name Jan Bouchal, Ph.D.
Date and place of birth 2nd January 1973 in Prerov, Czech Republic
Marital status married, two children

Education

1991 State exam in English language
1991 Grammar school in Prerov, Czech Republic
1997 M.Sc., Faculty of Science, Masaryk University in Brno, Czech Republic
2004 Ph.D., Faculty of Medicine, Palacky University in Olomouc, Czech Republic

Employment

2000-2005 researcher in the Laboratory of Molecular Pathology, www.lmp.upol.cz
since 2005 senior researcher in the same laboratory

Postgraduate training and cooperation

1999 Prof. Kjell Elgjo, Institutt for patologi, Rikshospitalet, University of Oslo, Norway (five-month fellowship from the Norwegian Research Council)
2001-2007 Prof. Paul G. Murray, CRUK Institute for Cancer Studies, University of Birmingham, United Kingdom (six short-term visits in relation to the Affymetrix microarray analysis)
2006-2010 Prof. Zoran Culig, Department of Urology, Innsbruck Medical University, Austria (two-month ICRETT fellowship from www.uicc.org in 2006, two-month Ernst Mach fellowship from www.oead.at in 2007 and short term stays)
2008-2014 Dr. Karel Soucek, Laboratory of Cytokinetics, Institute of Biophysics, Brno, Czech Republic (joint long-term projects)
2009-2014 Prof. Jiri Bartek, Institute of Cancer Biology, Danish Cancer Society, Copenhagen, Denmark (three-month stay in 2012, short term stays; joint long-term projects)

Major research interests and achievements

molecular biology of breast and prostate cancer; microarray analysis of bicalutamide action on prostate cancer cells including inhibition of telomerase (Bouchal et al. 2002 and 2005), identification of asporin as a novel cancer related gene by microdissection and microarray analysis of invasive breast cancer (Turashvili, Bouchal et al. 2007)

Publications (<http://www.researcherid.com/rid/A-3859-2008>)

H-index 11, 498 citations at WOS (6.11.2014), 40 peer-reviewed articles, five selected articles:

1. **Turashvili G***, **Bouchal J***, Baumforth K, et al. Novel markers for differentiation of lobular and ductal invasive breast carcinomas by laser microdissection and microarray analysis. *BMC Cancer* 2007;7:55 * contributed equally
2. **Bouchal J**, Santer FR, Höschele PP, Tomastikova E, Neuwirt H, Culig Z.: Transcriptional coactivators p300 and CBP stimulate estrogen receptor-beta signaling and regulate cellular events in prostate cancer. *Prostate* 2011;71:431-7.
3. Pernicová Z, Slabáková E, Kharashvili G, **Bouchal J**, Král M, Kunická Z, Machala M, Kozubík A, Souček K.: Androgen Depletion Induces Senescence in Prostate Cancer Cells through Down-regulation of Skp2. *Neoplasia*. 2011;13:526-36.
4. Santer FR, Höschele PP, Oh SJ, Erb HH, **Bouchal J**, Cavarretta IT, Parson W, Meyers DJ, Cole PA, Culig Z. Inhibition of the acetyltransferases p300 and CBP reveals a targetable function for p300 in the survival and invasion pathways of prostate cancer cell lines. *Molecular Cancer Therapeutics* 2011;10:1644-55.
5. Oplustilova L, Wolanin K, Mistrik M, Korinkova G, Simkova D, **Bouchal J**, Lenobel R, Bartkova J, Lau A, O'Connor MJ, Lukas J, Bartek J. Evaluation of candidate biomarkers to predict cancer cell sensitivity or resistance to PARP-1 inhibitor treatment. *Cell Cycle* 2012; 11: 3837-50.