

## 2017

- Vaurijoux, A.; Voisin, P.; Freneau, A.; Barquinero, J. F.; Gruel, G. Transmission of persistent ionizing radiation-induced foci through cell division in human primary cells. *Mutat. Res.* 2017, 797–799, 15–25.
- Di Tomaso, M. V.; Gregoire, E.; Martínez-López, W. Effects of Valproic Acid on Radiation-Induced Chromosomal Aberrations in Human Lymphocytes. *Genome Integr.* 2017, 8, 4.
- Trompier, F.; Baumann, M.; Barrios, L.; Gregoire, E.; Abend, M.; Ainsbury, E.; Barnard, S.; Barquinero, J. F.; Bautista, J. A.; Brzozowska, B.; Perez-Calatayud, J.; De Angelis, C.; Domínguez, I.; Hadjidekova, V.; Kulka, U.; Mateos, J. C.; Meschini, R.; Monteiro Gil, O.; Moquet, J.; Oestreicher, U.; Montoro Pastor, A.; Quintens, R.; Sebastià, N.; Sommer, S.; Stoyanov, O.; Thierens, H.; Terzoudi, G.; Villaescusa, J. I.; Vral, A.; Wojcik, A.; Zafiroopoulos, D.; Roy, L. Investigation of the influence of calibration practices on cytogenetic laboratory performance for dose estimation. *Int. J. Radiat. Biol.* 2017, 93, 118–126.
- Oestreicher, U.; Samaga, D.; Ainsbury, E.; Antunes, A. C.; Baeyens, A.; Barrios, L.; Beinke, C.; Beukes, P.; Blakely, W. F.; Cucu, A.; De Amicis, A.; Depuydt, J.; De Sanctis, S.; Di Giorgio, M.; Dobos, K.; Dominguez, I.; Duy, P. N.; Espinoza, M. E.; Flegal, F. N.; Figel, M.; Garcia, O.; Monteiro Gil, O.; Gregoire, E.; Guerrero-Carbajal, C.; Güçlü, I.; Hadjidekova, V.; Hande, P.; Kulka, U.; Lemon, J.; Lindholm, C.; Lista, F.; Lumniczky, K.; Martinez-Lopez, W.; Maznyk, N.; Meschini, R.; M'Kacher, R.; Montoro, A.; Moquet, J.; Moreno, M.; Noditi, M.; Pajic, J.; Radl, A.; Ricoul, M.; Romm, H.; Roy, L.; Sabatier, L.; Sebastià, N.; Slabbert, J.; Sommer, S.; Stuck Oliveira, M.; Subramanian, U.; Suto, Y.; Que, T.; Testa, A.; Terzoudi, G.; Vral, A.; Wilkins, R.; Yanti, L.; Zafiroopoulos, D.; Wojcik, A. RENEb intercomparisons applying the conventional Dicentric Chromosome Assay (DCA). *Int. J. Radiat. Biol.* 2017, 93, 20–29.
- Monteiro Gil, O.; Vaz, P.; Romm, H.; De Angelis, C.; Antunes, A. C.; Barquinero, J.-F.; Beinke, C.; Bortolin, E.; Burbidge, C. I.; Cucu, A.; Della Monaca, S.; Domene, M. M.; Fattibene, P.; Gregoire, E.; Hadjidekova, V.; Kulka, U.; Lindholm, C.; Meschini, R.; M'Kacher, R.; Moquet, J.; Oestreicher, U.; Palitti, F.; Pantelias, G.; Montoro Pastor, A.; Popescu, I.-A.; Quattrini, M. C.; Ricoul, M.; Rothkamm, K.; Sabatier, L.; Sebastià, N.; Sommer, S.; Terzoudi, G.; Testa, A.; Trompier, F.; Vral, A. Capabilities of the RENEb network for research and large scale radiological and nuclear emergency situations. *Int. J. Radiat. Biol.* 2017, 93, 136–141.
- Barquinero, J. F.; Beinke, C.; Borràs, M.; Buraczewska, I.; Darroudi, F.; Gregoire, E.; Hristova, R.; Kulka, U.; Lindholm, C.; Moreno, M.; Moquet, J.; Oestreicher, U.; Prieto, M. J.; Pujol, M.; Ricoul, M.; Sabatier, L.; Sommer, S.; Sun, M.; Wojcik, A.; Barrios, L. RENEb biodosimetry intercomparison analyzing translocations by FISH. *Int. J. Radiat. Biol.* 2017, 93, 30–35.
- Gregoire, E.; Ainsbury, L.; Barrios, L.; Bassinet, C.; Fattibene, P.; Kulka, U.; Oestreicher, U.; Pantelias, G.; Terzoudi, G.; Trompier, F.; Voisin, P.; Vral, A.; Wojcik, A.; Roy, L. The harmonization process to set up and maintain an operational biological and physical retrospective dosimetry network: QA QM applied to the RENEb network. *Int. J. Radiat. Biol.* 2017, 93, 81–86.
- Ainsbury, E. A.; Higueras, M.; Puig, P.; Einbeck, J.; Samaga, D.; Barquinero, J. F.; Barrios, L.; Brzozowska, B.; Fattibene, P.; Gregoire, E.; Jaworska, A.; Lloyd, D.; Oestreicher, U.; Romm, H.; Rothkamm, K.; Roy, L.; Sommer, S.; Terzoudi, G.; Thierens, H.; Trompier, F.; Vral, A.; Woda, C. Uncertainty of fast biological radiation dose assessment for emergency response scenarios. *Int. J. Radiat. Biol.* 2017, 93, 127–135.
- Ainsbury, E.; Badie, C.; Barnard, S.; Manning, G.; Moquet, J.; Abend, M.; Antunes, A. C.; Barrios, L.; Bassinet, C.; Beinke, C.; Bortolin, E.; Bossin, L.; Bricknell, C.; Brzoska, K.; Buraczewska, I.; Castaño, C. H.; Čemusová, Z.; Christiansson, M.; Cordero, S. M.; Cosler, G.; Monaca, S.; Della; Desangles, F.; Discher, M.; Dominguez, I.; Doucha-Senf, S.; Eakins, J.; Fattibene, P.; Filippi, S.; Frenzel, M.; Georgieva, D.; Gregoire, E.; Guogyte, K.; Hadjidekova, V.; Hadjiiska, L.; Hristova, R.; Karakosta, M.; Kis, E.; Kriehuber, R.; Lee, J.; Lloyd, D.; Lumniczky, K.; Lyng, F.; Macaeva, E.; Majewski, M.; Vanda Martins, S.; McKeever, S. W. S.; Meade, A.; Medipally, D.; Meschini, R.; M'Kacher, R.; Gil, O. M.; Montero, A.; Moreno, M.; Noditi, M.; Oestreicher, U.; Oskamp, D.; Palitti, F.; Palma, V.; Pantelias, G.; Pateux, J.; Patrono, C.; Pepe, G.; Port, M.; Prieto, M. J.; Quattrini, M. C.; Quintens, R.; Ricoul, M.; Roy, L.; Sabatier, L.; Sebastià, N.; Sholom, S.; Sommer, S.; Staynova, A.; Strunz, S.; Terzoudi, G.; Testa, A.; Trompier, F.; Valente, M.; Hoey, O. Van; Veronese, I.; Wojcik, A.; Woda, C. Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans - joint RENEb and EURADOS inter-laboratory comparisons. *Int. J. Radiat. Biol.* 2017, 93, 99–109.

## 2016

- Gregoire E, Kulka U, Barrios L, Ainsbury L, Bassinet C, Fattibene P, Oestreicher U, Pantelias G, Terzoudi G, Trompier F, Voisin P, Vral A, Wojcik A, Roy L. The harmonization process to set up and maintain an operational biological dosimetry and physical retrospective dosimetry network : QA QM applied to the RENE� network. *Int J Radiat Biol* (papier accepté)
- Romm H, Beinke C, Garcia O, Di Giorgio M, Gregoire E, Livingston G, Lloyd D, Martinez-Lopez W, Moquet JE, Sugarman SL, Wilkins RC, Ainsbury EA. A New Cytogenetic Biodosimetry Image Repository for the Dicentric Assay. *Radiat Prot Dosimetry*. 2016 (papier accepté)
- Monteiro Gil O, Vaz P, Romm H, De Angelis C, Antunes AC, Barquinero JF, Beinke C, Bortolin E, Burbidge CI, Cucu A, Domene MM, Fattibene P, Gregoire E, Hadjidekova V, Kulka U, Lindholm C, Meschini R, M'Kacher R, Moquet J, Ostreicher U, Palitti F, Pantelias G, Della Monaca S, Montoro Pastor A, Popescu IA, Quattrini MC, Ricoul M, Rothkamm K, Sabatier L, Sebastià N, Sommer S, Terzoudi G, Testa A, Trompier F, Vral A. Capabilities of the RENE� network for research and large scale radiological and nuclear emergency situations. *Int J Radiat Biol*, 2016, 24:1-20
- Ainsbury E, Higueras M, Puig P, Einbeck J, Samaga D, Barquinero J F, Barrios L, Brzozowska B, Fattibene P, Gregoire E, Jaworska A, Lloyd D, Oestreicher U, Romm H, Rothkamm K, Roy L, Sommer S, Terzoudi G I, Thierens H, Trompier F, Vral A, Woda C. Uncertainty of fast biological radiation dose assessment for emergency response scenarios. *Int J Radiat Biol*, 2016, 30:1-37
- Romm H, Ainsbury E, Barquinero J F, Barrios L, Beinke C, Cucu A, Domene M M, Filippi S, Monteiro Gil O, Gregoire E, Hadjidekova V, Hatzi V, Lindholm C, M'Kacher R, Montoro A, Moquet J, Noditi M, Oestreicher U, Palitti F, Pantelias G E, Prieto M J, Popescu I, Rothkamm K, Sebastià N, Sommer S, Terzoudi G, Testa A, Wojcik A. Web-based scoring, a new method for validation and harmonisation of scoring criteria within RENE�. *Int J Radiat Biol*, 2016, 22:1-8
- Brzozowska B, Ainsbury E, Baert A, Beaton L A, Barrios L, Barquinero J F, Bassinet C, Beinke C, Benedek A, Beukes P, Bortolin E, Buraczewska I, Burbidge C, Deamicis A, De Angelis C, Della Monaca S, Depuydt J, Desantis S, Dobos K, Domene M M, Dominguez I, Facco E, Fattibene P, Frenzel M, Gil O M, Gonon G, Gregoire E, Gruel G, Hadjidekova V, Hatzi V, Hristova RP, Jaworska A, Kis E, Kowalska M, Kulka UM, Lista F, Lumniczky K, Martinez-Lopez W, Meschini R, Moertl S, Moquet J, Noditi M, Oestreicher U, Orta Vazquez ML, Palma V, Pantelias GE, Montoro A, Patrono C, Piqueret-Stephan L, Quattrini MC, Regalbuto E, Ricoul M, Roch-Lefevre S, Roy L, Sabatier L, Sarchiapone L, Sebastià N, Sommer SR, Sun M, Suto Y, Terzoudi G I, Trompier F, Vral A, Wilkins R C, Zafiroopoulos D, Wieser A, Woda C, Wojcik A. RENE� accident simulation exercise. *Int J Radiat Biol*, 2016, 25:1-6
- Gruel G, Villagrassa C, Voisin P, Clairand I, Benderitter M, Bottollier-Depois JF, Barquinero JF. Cell to Cell Variability of Radiation-Induced Foci: Relation between Observed Damage and Energy Deposition. *PLoS One*, 2016, 11(1):e0145786
- Ainsbury E, Badie C, Barnard S, Manning G, Moquet J, Abend M, Bassinet C, Bortolin E, Bossin L, Bricknell C, Brzoska K, Čemusová Z, Christiansson M, Cosler G, Della Monaca S, Desangles F, Discher M, Doucha-Senf S, Eakins J, Fattibene P, Gregoire E, Guogte K, Kriehuber R, Lee J, Lloyd D, Lyng F, Macaeva E, Majewski M, McKeever SW, Meade A, M'kacher R, Medipally D, Oestreicher U, Oskamp D, Pateux J, Port M, Quattrini MC, Quintens R, Ricoul M, Roy L, Sabatier L, Sholom S, Strunz S, Trompier F, Valente M, Van Hoey O, Veronese I, Wojcik A, Woda C. Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans - joint RENE� and EURADOS inter-laboratory comparisons *Int J Radiat Biol*, 2016, 20:1-10
- Livingston GK, Khvostunov IK, Gregoire E, Barquinero JF, Shi L, Tashiro S Cytogenetic effects of radioiodine therapy: a 20-year follow-up study *Radiat Environ Biophys*, 2016, 55(2):203-13
- Roch-Lefèvre S, Martin-Bodiot C, Grégoire E, Desbrée A, Roy L, Barquinero JF. A mouse model of cytogenetic analysis to evaluate caesium137 radiation dose exposure and contamination level in lymphocytes. *Radiat Environ Biophys*, 2016, 55(1):61-70

## 2015

- Palmans, H.; Rabus, H.; Belchior, a L.; Bug, M. U.; Galer, S.; Giesen, U.; **Gonon, G.**; **Gruel, G.**; Hilgers, G.; Moro, D.; Nettelbeck, H.; Pinto, M.; Pola, A.; Pszona, S.; Schettino, G.; Sharpe, P. H. G.; Teles, P.; Villagrassa, C.; Wilkens, J. J. Future development of biologically relevant dosimetry. *Br. J. Radiol.* 2015, 88, 20140392.
- Kulka, U.; Ainsbury, L.; Atkinson, M.; Barnard, S.; Smith, R.; Barquinero, J. F.; Barrios, L.; Bassinet, C.; Beinke, C.; Cucu, A.; Darroudi, F.; Fattibene, P.; Bortolin, E.; Monaca, S. Della; Gil, O.; Gregoire, E.; Hadjidekova, V.; Haghdoost, S.; Hatzi, V.; Hempel, W.; Herranz, R.; Jaworska, A.; Lindholm, C.; Lumniczky, K.; M'kacher, R.; Mörtl, S.; Montoro, A.; Moquet, J.; Moreno, M.; Noditi, M.; Ogbazghi, A.; Oestreicher, U.; Palitti, F.; Pantelias, G.; Popescu, I.; Prieto, M. J.; **Roch-Lefèvre, S.**; Roessler, U.; Romm, H.; Rothkamm, K.; Sabatier, L.; Sebastià, N.; Sommer, S.; Terzoudi, G.; Testa, A.; Thierens, H.; Trompier, F.; Turai, I.; Vandevoorde, C.; Vaz, P.; Voisin, P.; Vral, A.; Ugletveit, F.; Wieser, A.; Woda, C.; Wojcik, A. Realising the European network of biodosimetry: RENE�-status quo. *Radiat. Prot. Dosimetry* 2015, 164, 42–5.
- **Vaurijoux, A.**; **Gruel, G.**; **Gregoire, E.**; **Roch-lefèvre, S.**; **Voisin, P.**; **Martin, C.**; Voisin, P.; Roy, L.; Barquinero, J. Automatic Dicentric Scoring a Real Option to Be Used in Biological Dosimetry. *Radiat. Emerg. Med.* 2015, 4, 16–21.

- Voisin P. Standards in biological dosimetry: A requirement to perform an appropriate dose assessment. *Mutat Res Genet Toxicol Environ Mutagen*, 2015, 793:115-22
- Romero I, Lamadrid AI, González JE, García O, Voisin P, Roy L Shortening the culture time in cytogenetic dosimetry using PCC-R assay *Radiat Prot Dosimetry* 2015 Mar;163(4):424-9

## 2014

- Villagrassa, C.; Dos Santos, M.; Bianco, D.; **Gruel, G.; Barquinero, J. F.**; Clairand, I. RBE-LET relationship for proton and alpha irradiations studied with a nanodosimetric approach. *Radiat. Prot. Dosimetry* 2014, 161, 449–53.
- Villagrassa, C.; **Gruel, G.; Barquinero, J. F.; Voisin, P.**; Clairand, I.; Bottollier-Depois, J.-F. Analysis of radioinduced DNA damages using Monte Carlo calculations at nanometric scale for different irradiation configurations. *Prog. Nucl. Sci. Technol.* 2014, 4, 413–417.
- Dos Santos, M.; Clairand, I.; **Gruel, G.; Barquinero, J. F.**; Incerti, S.; Villagrassa, C. Influence of chromatin condensation on the number of direct DSB damages induced by ions studied using a Monte Carlo code. *Radiat. Prot. Dosimetry* 2014, 1–5.
- Synhaeve, N.; Wade-Gueye, N. M.; Musilli, S.; Stefani, J.; Grandcolas, L.; **Gruel, G.**; Souidi, M.; Dublineau, I.; Bertho, J.-M. Chronic exposure to low concentrations of strontium 90 affects bone physiology but not the hematopoietic system in mice. *J. Appl. Toxicol.* 2014, 34, 76–86.
- Romm, H.; Ainsbury, E.; Barnard, S.; Barrios, L.; **Barquinero, J. F.**; Beinke, C.; Deperas, M.; **Gregoire, E.**; Koivistoinen, A.; Lindholm, C.; Moquet, J.; Oestreicher, U.; Puig, R.; Rothkamm, K.; Sommer, S.; Thierens, H.; Vandersickel, V.; Vral, A.; Wojcik, A. Validation of semi-automatic scoring of dicentric chromosomes after simulation of three different irradiation scenarios. *Health Phys.* 2014, 106, 764–71.
- Ainsbury, E. a.; Al-Hafidh, J.; Bajinskas, A.; Barnard, S.; **Barquinero, J. F.**; Beinke, C.; de Gelder, V.; **Gregoire, E.**; Jaworska, A.; Lindholm, C.; Lloyd, D.; Moquet, J.; Nylund, R.; Oestreicher, U.; **Roch-Lefévre, S.**; Rothkamm, K.; Romm, H.; Scherthan, H.; Sommer, S.; Thierens, H.; Vandevorde, C.; Vral, A.; Wojcik, A. Inter- and intra-laboratory comparison of a multibiodosimetric approach to triage in a simulated, large scale radiation emergency. *Int. J. Radiat. Biol.* 2014, 90, 193–202.
- González, J. E.; Romero, I.; **Gregoire, E.; Martin, C.**; Lamadrid, A. I.; Voisin, P.; **Barquinero, J.-F.**; García, O. Biodosimetry estimation using the ratio of the longest:shortest length in the premature chromosome condensation (PCC) method applying autocapture and automatic image analysis. *J. Radiat. Res.* 2014, 55, 862–5.
- Romm, H.; Ainsbury, E.; Bajinskas, A.; Barnard, S.; **Barquinero, J. F.**; Barrios, L.; Beinke, C.; Puig-Casanovas, R.; Deperas-Kaminska, M.; **Gregoire, E.**; Oestreicher, U.; Lindholm, C.; Moquet, J.; Rothkamm, K.; Sommer, S.; Thierens, H.; Vral, A.; Vandersickel, V.; Wojcik, A. Web-based scoring of the dicentric assay, a collaborative biodosimetric scoring strategy for population triage in large scale radiation accidents. *Radiat. Environ. Biophys.* 2014, 53, 241–54.
- Romm, H.; Ainsbury, E.; Bajinskas, A.; Barnard, S.; **Barquinero, J. F.**; Barrios, L.; Beinke, C.; Puig-Casanovas, R.; Deperas-Kaminska, M.; **Gregoire, E.**; Oestreicher, U.; Lindholm, C.; Moquet, J.; Rothkamm, K.; Sommer, S.; Thierens, H.; Vral, A.; Vandersickel, V.; Wojcik, A. Web-based scoring of the dicentric assay, a collaborative biodosimetric scoring strategy for population triage in large scale radiation accidents. *Radiat. Environ. Biophys.* 2014, 53, 241–54.
- Ainsbury EA, Barnard S, Barrios L, Fattibene P, de Gelder V, Gregoire E, Lindholm C, Lloyd D, Nergaard I, Rothkamm K, Romm H, Scherthan H, Thierens H, Vandevorde C, Woda C, Wojcik A. Multibiodose radiation emergency triage categorization software. *Health Physics*, 2014, 10783-89. Ainsbury EA, Barnard S, Barrios L, Fattibene P, de Gelder V, Gregoire E, Lindholm C, Lloyd D, Nergaard I, Rothkamm K, Romm H, Scherthan H, Thierens H, Vandevorde C, Woda C, Wojcik A. Multibiodose radiation emergency triage categorization software *Health Phys* 2014 Jul;107(1):83-9

## 2013

- **Grégoire, E.**; Hadjidekova, V.; Hristova, R.; **Gruel, G.; Roch-Lefevre, S.; Voisin, P.**; Staynova, A.; Deleva, S.; Ainsbury, E. A.; Lloyd, D. C.; **Barquinero, J. F.** Biological dosimetry assessments of a serious radiation accident in Bulgaria in 2011. *Radiat. Prot. Dosimetry* 2013, 155, 418–22.
- **Nosel, I.; Vaurijoux, A.; Barquinero, J. F.; Gruel, G.** Characterization of gene expression profiles at low and very low doses of ionizing radiation. *DNA Repair (Amst)*. 2013, 12, 508–17.
- **Gruel, G.; Grégoire, E.; Lecas, S.; Martin, C.; Roch-Lefevre, S.; Vaurijoux, A.; Voisin, P.; Voisin, P.; Barquinero, J. F.** Biological dosimetry by automated dicentric scoring in a simulated emergency. *Radiat. Res.* 2013, 179, 557–69.
- Rothkamm, K.; Barnard, S.; Ainsbury, E. A.; Al-Hafidh, J.; **Barquinero, J.-F.**; Lindholm, C.; Moquet, J.; Perälä, M.; **Roch-Lefèvre, S.**; Scherthan, H.; Thierens, H.; Vral, A.; Vandersickel, V. Manual versus automated γ-H2AX foci analysis across five European laboratories: can this assay be used for rapid biodosimetry in a large scale radiation accident? *Mutat. Res.* 2013, 756, 170–3.

- Romm, H.; Ainsbury, E.; Barnard, S.; Barrios, L.; **Barquinero, J. F.**; Beinke, C.; Deperas, M.; **Gregoire, E.**; Koivistoinen, A.; Lindholm, C.; Moquet, J.; Oestreicher, U.; Puig, R.; Rothkamm, K.; Sommer, S.; Thierens, H.; Vandersickel, V.; Vral, A.; Wojcik, A. Automatic scoring of dicentric chromosomes as a tool in large scale radiation accidents. *Mutat. Res.* 2013, **756**, 174–83.
- Romero, I.; García, O.; Lamadrid, A. I.; **Gregoire, E.**; González, J. E.; Morales, W.; **Martin, C.**; **Barquinero, J.-F.**; Voisin, P. Assessment of simulated high-dose partial-body irradiation by PCC-R assay. *J. Radiat. Res.* 2013, **54**, 863–71.
- García, O.; Di Giorgio, M.; Vallerga, M. B.; Radl, A.; Taja, M. R.; Seoane, A.; De Luca, J.; Stuck Oliveira, M.; Valdivia, P.; Lamadrid, A. I.; González, J. E.; Romero, I.; Mandina, T.; Pantelias, G.; Terzoudi, G.; Guerrero-Carbajal, C.; Arceo Maldonado, C.; Espinoza, M.; Oliveros, N.; Martínez-López, W.; Di Tomaso, M. V.; Méndez-Acuña, L.; Puig, R.; Roy, L.; **Barquinero, J. F.** Interlaboratory comparison of dicentric chromosome assay using electronically transmitted images. *Radiat. Prot. Dosimetry* 2013, **154**, 18–25.
- Puig, R.; Barrios, L.; Pujol, M.; Caballín, M. R.; **Barquinero, J.-F.** Suitability of scoring PCC rings and fragments for dose assessment after high-dose exposures to ionizing radiation. *Mutat. Res.* 2013, **757**, 1–7.
- Montoro, A.; Sebastià, N.; Candela-Juan, C.; **Barquinero, J. F.**; Soriano, J. M.; Almonacid, M.; Alonso, O.; Guasp, M.; Marques-Sule, E.; Cervera, J.; Such, E.; Arnal, C.; Villaescusa, J. I. Frequency of dicentrics and contamination levels in Ukrainian children and adolescents from areas near Chernobyl 20 years after the nuclear plant accident. *Int. J. Radiat. Biol.* 2013, **89**, 944–9.
- Flegal, M.; Blimkie, M.; **Roch-Lefevre, S.**; **Gregoire, E.**; Klokov, D. The lack of cytotoxic effect and radioadaptive response in splenocytes of mice exposed to low level internal β-particle irradiation through tritiated drinking water in vivo. *Int. J. Mol. Sci.* 2013, **14**, 23791–800.

## 2012

- Vaurijoux, A.; Grégoire, E.; **Roch-Lefevre, S.**; Voisin, P.; **Martin, C.**; Voisin, P.; Roy, L.; **Gruel, G.** Detection of partial-body exposure to ionizing radiation by the automatic detection of dicentrics. *Radiat. Res.* 2012, **178**, 357–64.
- Roy, L.; Grégoire, E.; **Gruel, G.**; **Roch-Lefevre, S.**; Voisin, P.; Busset, A.; **Martin, C.**; Voisin, P. Effect of lymphocytes culture variations on the mitotic index and on the dicentric yield following gamma radiation exposure. *Radiat. Prot. Dosimetry* 2012, **151**, 135–43.
- González, J. E.; Lee, M.; **Barquinero, J. F.**; Valente, M.; **Roch-Lefèvre, S.**; García, O. Quantitative image analysis of gamma-H2AX foci induced by ionizing radiation applying open source programs. *Anal. Quant. Cytol. Histol.* 2012, **34**, 66–71.