**Overview of the PhD student activities in the Chemistry program in the field of Environmental Chemistry: 2016/17**

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| **Student** (given name and surname) | Simona Jílková |
| **Supervisor** (given name and surname) | [prof. RNDr. Jana Klánová, Ph.D.](https://is.muni.cz/auth/osoba/27680) |
| **Consultant** (given name and surname) | [Lisa Emily Melymuk, Ph.D.](https://is.muni.cz/auth/osoba/119221) |
| **Beginning of the study** (month/year) | 07/2015 |
| **Form of study** (delete where appropriate) | Present (internal) |

**Summary of yearly research results** (15 lines maximum)

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| In the second year of PhD study I wrote manuscript for the first paper of my PhD. I worked on a new method of dust sample extraction. The objective is to optimized the dust extraction method, so it will be easily repeatable, robust, use a smaller volume of solvent, and will be good for the non-target analysis. I am currently working on comparing the new method for target and non-target analysis with the existing target method.I have extended my knowledge of data analysis and physiology of the pharmaceuticals and toxic compounds in these three courses: Biostatistics - basic course, Data analysis on PC and Physiology of pharmaceuticals and toxic compounds. |

**Internship abroad** (place, start date, duration)

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**Publication activities during Ph.D. studies**

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| Number of peer-reviewed articles in impacted journals |  |
| Number of conference (oral/poster) presentations |  |
| Number of other publishing activities (books, book chapters, patents etc.) |  |
| Public lecture in English (delete where appropriate) | no |

**The most important results** (5 maximum, show the impact factor of the journal):

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| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |