



Women in Science – 3<sup>rd</sup> Erlangen Symposium

## A Journey in Science – From a Graduate Student in Physical Chemistry to Head of Division *Biophotonics*

Ute Resch-Genger<sup>1</sup>

<sup>1</sup>Division *Biophotonics*, Federal Institute for Material Research and Testing (BAM), Richard-Willstaetter Str. 11, D-12489 Berlin, Germany  
[ute.resch@bam.com](mailto:ute.resch@bam.com)

I will provide a personal overview of the most important steps of my career in science, a journey from a graduate student in physical chemistry in an environment dominated by male-scientists over a postdoc with a female professor in the US to the leader of a research group, head of division *Biophotonics* at BAM. This will include my choices of research topics, how I learnt to write well cited publications, even on topics such as reference materials and quality assurance,<sup>1-4</sup> and eventually started to give lectures at Free University Berlin granting me the right to act as first supervisor of undergraduate and graduate students.



**Figure 1.** Fluorescence reporters and fluorescence quantum yield standards.

### References

- [1] U. Resch-Genger et al, *Nature Methods* **2008**, 5., 763-775.
- [2] M. Grabolle et al, *Anal. Chem.* **2009**, 81., 6285-6294.
- [3] C. Würth et al, *Nature Protocols* **2013**, 8, 1535-1550.
- [4] C. Homann et al, *Angew. Chem. Int. Ed.* **2018**, 57, 8765-8769.