

Munich Plasma project

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In a multidisciplinary project involving physicists, computer scientists, microbiologists, biologists, and physicians we evaluated during the last 5 years potential applications of cold atmospheric plasmas in medicine.

We concentrated on three major projects:

- 1) Development of different plasma applications with enhancement of efficacy and reduction of UVB and UVC.
- 2) Application of Plasma in dermatology especially on chronic wounds. Here we found high efficiency in-vitro and promising results in-vivo.
- 3) Investigation of different Plasma setups on cell cultures of fibroblasts including cell cycle analysis, flow cytometry, and array technology.