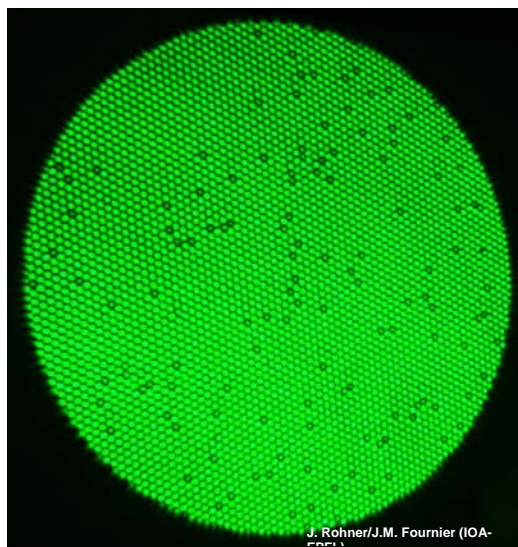
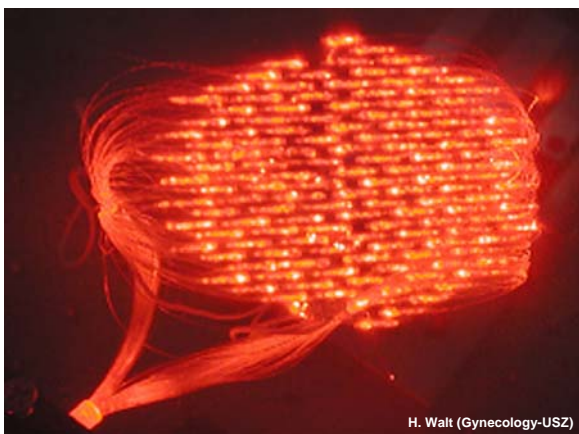


## Biomedical Photonics Network: A workgroup of the SSOM

The field of Biomedical Photonics is constantly growing and many new research areas and applications are addressed. Biomedical Photonics uses light or imaging systems to determine normal and pathological properties of cells, tissues and entire organisms and involves experimental, diagnostic and therapeutic methods in medicine and biology. Since interdisciplinarity is an important component for success, networking is a very promising form for collaboration between individuals of different backgrounds. Although many research groups are working in this exciting field also in Switzerland, interaction between them remains yet insufficient. Therefore, the Biomedical Photonics Network (*bmpn* [www.bmpn.ch](http://www.bmpn.ch)) was founded in 2004 by individuals active in different areas of biomedical photonics who wanted to improve the current situation.



Optical trapping of dielectric spheres  
J. Rohner/J.M. Fournier (IOA-EPFL)

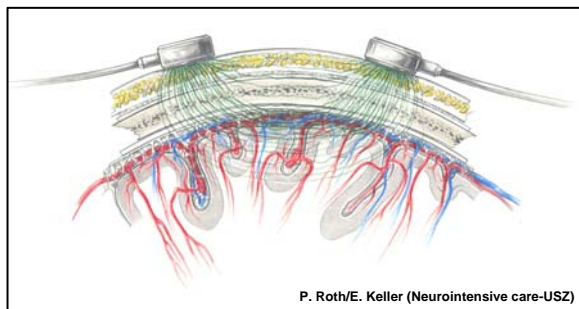


Tissue for tumor irradiation in photodynamic therapy  
H. Walt (Gynecology-USZ)

The aim of the *bmpn* is to improve this situation by regularly organizing activities to promote the scientific exchange, education and create personal contacts between individuals of different backgrounds (medicine, biology, physics, engineering, industry) working in clinics, universities, institutes of technology and companies. The *bmpn* will thus provide a platform to encourage communication, collaborative projects, stimulate fundamental and applied research and foster collaborations with SNF, KTI and industry. It is open to all persons active in the field of biomedical photonics. Its board consists of seven members with backgrounds in physics, biology,

engineering, medicine and working in clinics, universities, institutes of technology or companies. The *bmpn* is an interdisciplinary workgroup of the Swiss Society for Optics and Microscopy (SSOM [www.ssom.ch](http://www.ssom.ch)).

We would like to highly encourage you to join the *bmpn* and thus make the network prosper and grow. Your ideas, collaborations and projects are welcome and thus help to enhance the *bmpn*.



Perfusion of the brain: Path of light through the head  
P. Roth/E. Keller (Neurointensive care-USZ)



Optical imaging sensor for brain

## ***Membership Application for the Biomedical Photonics Network: A workgroup of the SSOM***

I would like to become a member of the Biomedical Photonics workgroup of the SSOM as a (please check one):

- Individual member of ***bmpn*** & SSOM (CHF 30.- per year)
- Individual member of ***bmpn*** & SSOM & European Optical Society (CHF 42.50 per year)
- Institutional member, please provide up to 10 names of delegates (CHF 150.- per year)

First name, last name:

Institution:

Department:

Address:

Postal code, town:

Phone:

Fax:

E-mail :

Date:

Signature:

Contact:

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