


Methods, IPH, Jung

<p>Multilabel reader</p> <p><i>Spectroscopy</i></p>	<p>Model: <i>Polar Star Optima BMG</i> Unit and Room: <i>ZFN, 1. floor, Room 104</i> Responsible: <i>Dr. Alexander Hauser</i> Further information:</p>	
<p>Short Description:</p> <p>A plate reader for high throughput screening.</p>	<p>Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <ul style="list-style-type: none"> - fluorescence Intensity - including FRET Fluorescence Polarization Luminescence (flash and glow) - including BRET Time-Resolved Fluorescence - including DELFIA® UV/Vis absorbance <p>6 to 384-well plates, user-definable</p>		
<p>Special Equipment:</p> <p>Different filter-Sets EX: 330, 340, 390, 492, 550, 570, 600 nm filters EM: 390, 430, 450, 460, 520, 615 nm filters</p> <p>Heater allows kinetic measurements at defined temperature.</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students <input type="checkbox"/> Students after Introduction <input type="checkbox"/> Students after extensive training <input checked="" type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>	<p>J. Med. Chem. 53 (2010) 1383-1386; J. Org. Chem. 74 (2009)5267-5275</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p>- <i>assay readout</i> - <i>kinetic measurements of enzymatic activity</i></p>	