


*Methods, IOCBC, Bannwarth*

<h2 style="text-align: center;">Fast Centrifugal Partition Chromatography</h2>	<p>Model: <i>CPC Kromaton</i>  Unit and Room: <i>Org./Bioorg. Chemistry, 2nd floor, R.323F</i>  Responsible: <i>Prof. W. Bannwarth, Dr. Th. Pfeiffer</i>    Further information:</p>	
<p>Short Description:</p> <p>Based on liquid-liquid extraction ideal for separating and purifying all types of molecules like proteins/peptides, synthetic organics, natural products e.g. from extracts of plants.</p> <p>Set up:  CPC Kromaton with Varian Fraction Collector, UV/VIS Detector, Thermostat Unit, HPLC Pump</p>	<p style="text-align: center;">Picture of the Equipment</p> 	
<p>Available Experiments/Techniques:</p> <p>Isolation, purification, extraction, enrichment, fractionization, chiral separation, ion-exchange displacement, pH-zone refining, production</p>		
<p>Special Equipment:</p> <p>Scalable from milligrams to kilograms.</p>		
<p>Measurements on the equipment are currently done by:</p>	<p> <input type="checkbox"/> Students  <input type="checkbox"/> Students after Introduction  <input checked="" 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>Typical problems that may be solved with this instrument:</p>	<p>Isolation of a (minor) compound out of crude material (e.g. isolation of a natural product from plant extract).</p>	