


## 1L-11 ORGANIC CHEMISTRY LABORATORY

<b>Department</b>	Department of Chemistry	
<b>Laboratory Responsible</b>	Assist. Prof. Dr. İrem KULU	iremku@gtu.edu.tr
<b>Research Team</b>	Dr. İdris KARAKAYA	karakaya@gtu.edu.tr
<b>Contact Information</b>	Gebze Technical University, Department of Chemistry, Laboratory: 1L-11, 41400, Gebze/Kocaeli	0(262) 605 30 89
<b>General Information</b>	Synthesis of structurally multifunctional and heterocyclic compounds containing multi stereocenter. Asymmetric pharmaceutical and agrochemical raw material synthesis.	
<b>Applications</b>	<ul style="list-style-type: none"><li>○ Structure analysis</li><li>○ Organic synthesis</li></ul>	
<b>Laboratory Photo</b>		
<b>Equipment</b>	<ul style="list-style-type: none"><li>○ Analytical Balance (Pionerr)</li><li>○ Rotary Evaporator (Heidolph)</li><li>○ Heated-Magnetic Stirrer (Heidolph)</li><li>○ Heating Mantle (Wisd)</li><li>○ Cryostat (Linde)</li></ul>	
<b>Projects</b>	<ul style="list-style-type: none"><li>○ GTÜ, BAP, (2018- 2019), Kinolin-triazol grupları içeren heterosiklik hibrid bileşiklerin sentezi, 7000 TL</li><li>○ GTÜ, BAP, (2020-2021), Biyolojik aktif olabilecek 3,5-disübstitue pirazol-kinolin ve 3,5-disübstitue izoksazol-kinolin hibrit bileşiklerin sentezleri, 8000 TL</li></ul>	