List of required and recommended literature

Department of Medical and Clinical Biochemistry

List of required and recommended literature

1. year - General Medicine and Dental Medicine

<table>
<thead>
<tr>
<th>Medical Chemistry</th>
<th>Medical Chemistry</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stupák M. et al.</td>
<td>Medical Chemistry</td>
<td>2018</td>
</tr>
</tbody>
</table>
| Stupák M et al.                                      | Practical exercises from Medical Chemistry  
|                                                      | Lectures for General medicine  
|                                                      | Lectures for Dental medicine  
| Stupák M et al.                                      | Medical Chemistry – Calculation  
| Urban P. et al.                                      | Chemistry – Repetitorium  
| Országová Z., Žitňanová I. et al.                    | Medical Chemistry | 2008 |

Required study literature is written by **bold font**

**Lekárska chémia - Návody a protokoly na praktické cvičenia**

*doc. RNDr. Marek Stupák, PhD., RNDr. Miroslava Rabajdová, PhD., RNDr. Jana, Mašlanková, PhD., Mgr. Peter Urban, PhD., doc. RNDr. Vladimíra Tomečková, PhD., prof. Ing. Mária Mareková, CSc.*

The laboratory manuals are developed to the foreign students of medicine for practical laboratory exercise and verification of knowledge from medical chemistry. Exercises are gathered into bigger groups by topics. Student can apply their manual skill in performing of the experiments, and also train their ability in evaluation of results and making of diagnoses.

*https://portal.lf.upjs.sk/articles.php?aid=161*

**Medical Chemistry - Calculations**

*doc. RNDr. Marek Stupák, PhD., MUDr. Anna Birková, PhD., Ing. Beáta Hubková, PhD., RNDr. Jana Mašlanková, PhD., RNDr. Miroslava rabajdová, PhD, Mgr. Peter Urban, PhD., RNDr. Beáta Veliká, PhD., prof. Ing. Mária Mareková, CSc.*

Proper administration of individual medications and reagents is of the upmost importance in the clinical practice of future doctors. It can be affected by age, body weight, kidney and liver health, and other health conditions. Subject Medical Chemistry is therefore an essential part of the theoretical education at medical faculties. The basics for the successful completion of the course are also basic chemistry calculations that are listed in the following study material and are divided into several chapters.

List of required and recommended literature

Department of Medical and Clinical Biochemistry

Chemistry-Repetitorium

Mgr. Peter Urban, PhD., RNDr. Lukáš Smolko, PhD., RNDr. Jana Mašlanková, PhD., MUDr. Anna Birková, PhD., RNDr. Beáta Veliká, PhD., Ing. Beáta Hubková, PhD., doc. RNDr. Marek Stupák, PhD., prof. Ing. Mária Mareková, CSc.: Knowledge of the structure and function of chemical substances and compounds, as well as their interactions and factors which can influence these interactions are very important for study Medical Chemistry and Biochemistry. The supporting materials are repeating of high school chemistry and represent the summarization of knowledges from high school. All listed information can help the student to better prepare for exam from Medical Chemistry.