

<b>GRUPO DE INVESTIGACION</b>	<b>BIOMEDICA</b>
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<b>Director del Grupo:</b>	Jorge Ramirez
<b>Fecha de creación:</b>	2010

<b>Antecedentes y Estado del Arte</b>
<p>The Biomedical Research Group was created in 2010 at Icesi University by the researchers Jorge Ramirez (MD, MSc, PhD(A)), Yuri Takeuchi (MD, neurologist), and Cesar Arango (MD, PhD, Psychiatrist). This research group is supported and sponsored by the Investigation Committee at Icesi University, Cali, Colombia.</p> <p>The institutions that support the research and academic activities of the group are:</p> <ul style="list-style-type: none"> <li>- Fundación Valle del Lili - Clinical Investigations Group</li> <li>- CIDEIM (International center of medical training and research)</li> </ul> <p>The activities of the group are determined by four research lines:</p> <ul style="list-style-type: none"> <li>- Biomedical sciences</li> <li>- Clinical epidemiology and biostatistics</li> <li>- Evidence Based Medicine</li> <li>- Medical education research</li> </ul> <p>This recently created group is actually building a network of scientific cooperation with other national and international research groups. To the date of creation (december 2009) the group has participated in 10 protocols submitted to COLCIENCIAS, completed three papers for submission to national and international biomedical journals, and their researchers were invited as speakers in more than five national and international congresses.</p> <p>In the following years, more scientists working at Icesi University will be invited to participate as researchers of this group.</p>

<b>Objetivos</b>
<ol style="list-style-type: none"> <li>1. To describe and characterize the physiopathological mechanisms of human disease.</li> <li>2. To discover new pharmacological drug targets for the prevention and treatment of human diseases.</li> <li>3. Generation of data of the prevalence of chronic diseases in Colombia.</li> <li>4. To study the effects of different therapeutic interventions in colombian patients.</li> <li>5. To generate new knowledge about the risk factors of chronic diseases.</li> <li>6. To create clinical protocols and practice guidelines for the prevention and treatment of disease in Colombia and Latin America.</li> <li>7. To study the strategies and methods of PBL.</li> <li>8. To study the factors associated with low academic performance by medical students.</li> <li>9. To study the current trends of medical education and clinical research in Colombia and the world.</li> </ol>

<b>Visión</b>
<p>In 2020 the group will be recognized by the national and international scientific community for the quality and scientific impact of their products.</p>

## **Retos**

- To publish scientific papers in recognized biomedical journals.
- To establish a scientific network of national and international cooperation.
- To obtain research grants from national and international research institutes.
- To have a significant impact factor measured by the citations in recognized biomedical journals.