Endometriosis impacts the quality of life of millions of women worldwide. The causes are currently unknown, but researchers are investigating several potential factors. Symptoms can be debilitating and greatly impact the quality of life, including pain, digestive issues, and infertility.

1. **In Search of an Effective Endometriosis Treatment**
   - **Autologous regeneration**
   - **Genetic factors**
   - **Immune system involvement**

2. **Symptoms**
   - **Pain**
   - **Digestive issues**
   - **Infertility**

3. **There is no known cure for Endometriosis.**
   - **Available treatment options have limitations.**
   - **Hormonal withdrawal**
     - Medical treatment: **Injectable**
     - **Treatment resistance in suboptimal cases.**
   - **Surgical removal of bowel growth or hysterectomy**
     - **Resultant complications:**
     - **Implantation**
     - **Spontaneous abortion**

4. **Medication**
   - **Pain medication**
     - **Side effects:**
     - **Costs:** USD 500-1000 per month
     - **Tissue side effects:**
     - **High blood pressure**

5. **What is the aim of the non-hormonal endometriosis treatment?**
   - **Treatment of pain & inflammation of the chronic disease state**
   - **Preserving quality of life without interfering with fertility.**

6. **Targeting the P2X3 Receptor as a Potential Therapy**
   - **What are P2X receptors?**
     - **P2X3 receptor:**
       - **Vulnerable to endogenous inflammatory agents.**
       - **Key target of anti-inflammatory agents for pain relief.**
   - **What is the advantage of targeting P2X3 receptors?**
     - **P2X3 agonists:**
       - **P2X3 agonists**

7. **Identifying novel targets in endometriosis**
   - **Stem cell therapy**
   - **Gene Therapy**

8. **What are other future treatment options for endometriosis?**

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**Sources:**
- [Lubart Tec](https://www.lubartec.com)
- [uvotec](https://www.uvotec.com)