

AI AGENTS & THE DIGITAL THREAD

PLM Road Map™ & PDT North America 2025
 PLM's Integral Role in Digital Transformation From Strategy to Execution
 Elevating PLM to an Enterprise Business Solution,
 the PLM Professional's Road Map to Success
 May 7 & 8

No one knows what the hell an AI agent is

Maxwell Zeff, Kyle Wiggers
 9:30 AM PDT · March 14, 2025

THE WALL STREET JOURNAL.
AI Agents Are a Moment of Truth for Tech

Nearly every facet of tech has money riding on the adoption of AI that can make a decision and take action

By [Steven Rosenbush](#) [Follow](#)
 March 29, 2025 at 8:00 am ET

[YouTube link](#)

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Sinequa's definition: Agent

- An **agent** is software that **plans** how to accomplish a **task** and subsequently **takes action** to complete it.



Can you search and compare CTSA 4 and PD-1 pathway using both internal and external data information?

Comparison

Short Answer

Detailed Comparison

Summary of Internal Medical Adverse Events Associated with Pembrolizumab

Short Answer: Pembrolizumab, an anti-PD-1 monoclonal antibody, is associated with several immune-related adverse events (irAEs), including colitis, pneumonitis, hepatitis, and thyroid disorders. These events are a result of its mechanism of action, which involves blocking the PD-1 pathway, leading to enhanced immune activity that can sometimes target normal tissues.

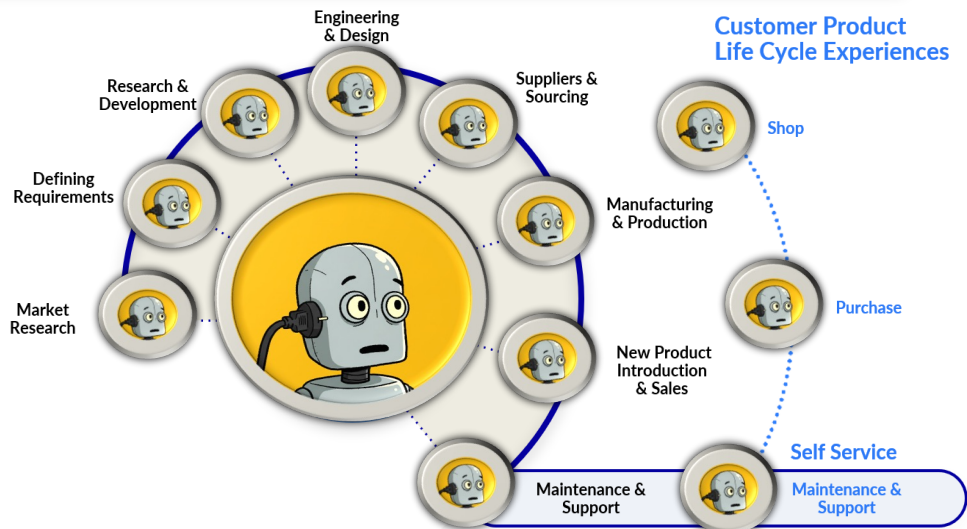
Detailed Explanation:

- Mechanism of Action and General irAEs:** Pembrolizumab acts by inhibiting the PD-1/CTLA-4 pathway, which can lead to increased immune activity against tumors but also against normal tissues, resulting in irAEs.
- Common irAEs include:** colitis, pneumonitis, hepatitis, and thyroid disorders.
- Specific Studies and Findings:** Clinical trials demonstrate a high percentage of irAEs associated with Pembrolizumab, with colitis and pneumonitis being the most frequent. These events are characterized by epithelial damage and immune cell infiltration, which are not observed in PD-1 inhibitors.
- Preventable:** Pembrolizumab treatment has been associated with immune cell infiltration in lung tissue, suggesting a risk for pneumonitis.



Manufacturer's Product Life Cycle Activities

Customer Product Life Cycle Experiences





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