



PPIP – 9/21

Please fill out the attendance survey. Thank you!!

Industry Updates!

- June 2021: GSK announced their greatest corporate change within the last 20 years:
 - Haleon, GSK's health spin off, began trading as a separate company
 - Pfizer retains 32% of Haleon but intends to sell their stake
 - GSK will focus purely on pharmaceuticals, prioritizing investment innovative and specialty medications
- August 2022: Cure pharmaceuticals is selling their patents on film-based drug delivery to TF Tech Ventures for 20 million
 - Cure pharmaceuticals is known for their unique immediate and controlled release drug delivery vehicles designed to improve efficacy, safety, and patient experience
 - Cure pharmaceuticals will pivot to wellness and beauty



HALEON



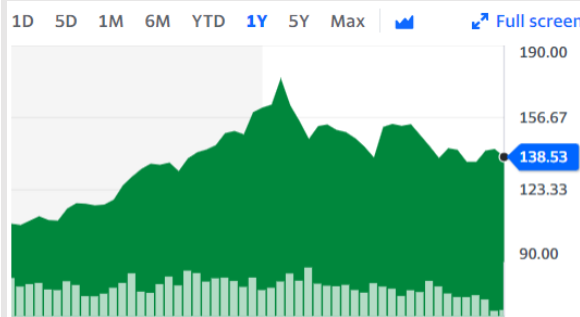
CURE
PHARMACEUTICAL

Investing Basics!

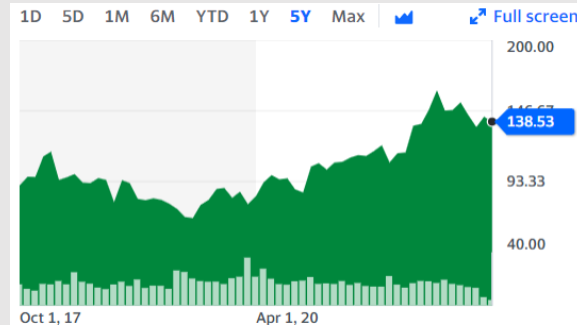
Time In The Market



1 month

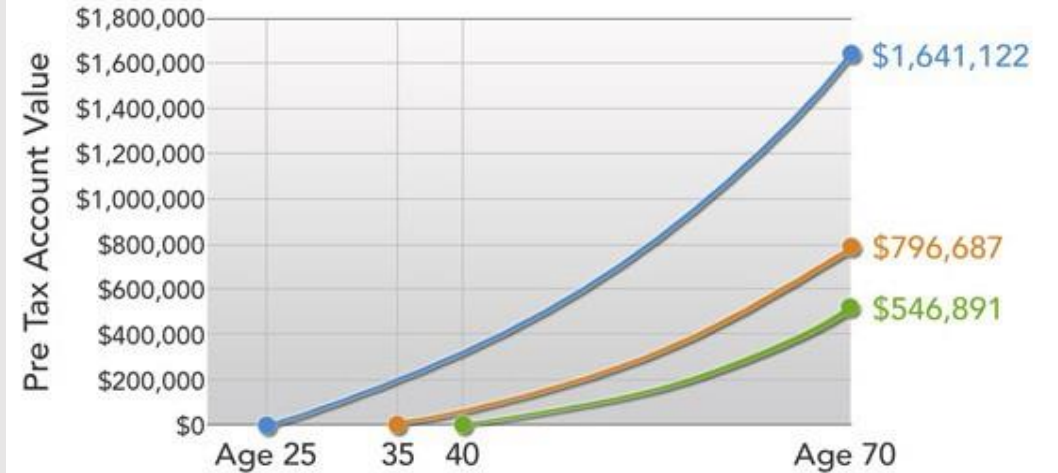


1 year



5 years

The Impact of Starting Early



- Consider your investment goals and timescale
- Don't let fluctuation and red days scare you
- Utilize exponential growth
- Drug development is a lengthy process

What Companies should I invest in?

Companies in the healthcare sector are VERY different

- Each type carries a general degree of risk vs reward

Parts of the healthcare sector that you can invest in include...

- Big Pharma (J&J, Pfizer, Amgen, ect)
- Biotech (Amylyx, Bluebird Bio, Coherus, ect)
 - MANY more biotech companies than Big Pharma companies
- Pharmaceutical Retailers (CVS, Rite Aid, Walgreens)
- Diagnostic Companies (Danaher, Thermofisher Scientific, ect)

Each industry within healthcare changes differently!

Example of Lower Risk "Safer" Investment

165.64 ▲ 162.94 (6,045.11%) all time

165.60 ▼ 0.04 (0.024%) After Hours · September 12, 7:59 PM EDT · Market Closed

Day

Week

Month

Year

5 Year

Max



Open	166.11	P/E	24.09	Vol	6.37 M
High	166.57	52wk High	186.69	Avg Vol	6.88 M
Low	165.22	52wk Low	155.72	Mkt Cap	435.50 B

Since 1982

165.64 ▼ 1.33 (0.8%) past year

165.60 ▼ 0.04 (0.024%) After Hours · September 12, 7:59 PM EDT · Market Closed

Day

Week

Month

Year

5 Year

Max



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One Year

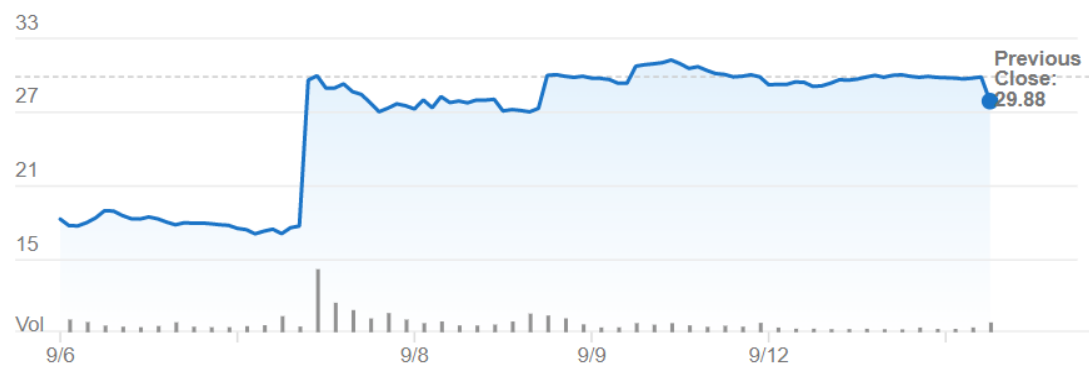
Johnson & Johnson

Example of a Riskier Investment

28.12 ▲ 9.59 (52.37%) past week

29.00 ▲ 0.88 (3.13%) After Hours · September 12, 4:58 PM EDT · Market Closed

Day Week Month Year 5 Year Max



Open	30.38	P/E	-	Vol	1.49 M
High	30.40	52wk High	33.41	Avg Vol	1.65 M
Low	27.68	52wk Low	6.51	Mkt Cap	1.65 B

Amylyx

7.31 ▼ 4.26 (36.8%) past year

7.30 ▼ 0.01 (0.14%) After Hours · September 12, 5:18 PM EDT · Market Closed

Day Week Month Year 5 Year Max



Open	7.04	P/E	-	Vol	7.29 M
High	7.34	52wk High	17.85	Avg Vol	9.44 M
Low	6.80	52wk Low	2.87	Mkt Cap	563.76 M

Bluebird Bio

So, Which Do I Pick?

The type of investment you select depends on your **risk tolerance**

- Risk tolerance your ability to take on riskier investments without panicking should an investment not work out

Not a gambler? Does the idea of losing much of any money make the hair stand on end?

- You should probably exclusively invest in massive, dividend-producing companies

Do you like some spice in your life? Willing to risk large losses for large gains?

- You can consider engaging in a MIX of larger, safer, companies and some smaller, riskier companies
- AVOID only buying stocks of small companies with early-stage ideas
- This practice is called **diversification** and is a critical step in ensuring risk is managed well when investing in the stock market

Where to Begin?

- Two main investment accounts
 - Standard Brokerage Account
 - Roth/Traditional IRA
- Standard Brokerage Account
 - Taxable
 - Effective for those who are looking to make money in the short run
 - Complete freedom to do whatever you want with the profit
- IRA
 - Retirement Accounts, saving up in long run
 - Two accounts
 - Traditional IRA
 - Contributions are tax deductible but withdraws in retirement are taxable
 - Ideally more effective if you expect to be in a lower tax bracket when you retire
 - Roth IRA
 - Contributions are not tax deductible but withdraws in retirement are non-taxable
 - More effective if you are in a lower tax bracket now
 - If money is withdrawn before you turn 59.5 years old, must pay 10% early withdraw penalty. (10% of profit)



Due Diligence's Transferability to Career

- Clinical

- Knowing new drugs in late-stage pipeline within your specialty
- Analyze new clinical trial data to predict a drug's effectiveness on a disease state in your institution

- Retail/community

- Understanding which companies make brand drugs
- Comparing drug effectiveness and knowing which drugs may be better suited over similar drugs for patients within your pharmacy

- Industry/Managed Care

- Ability to quickly research competing companies and drugs
- Comparing cost, availability, dosing, etc of competing drugs to leverage a better competitive strategy within your company
- Assessing new or existing drug data onto a formulary in pharmacy and therapeutics committee

Using Due Diligence Research to Interview in Pharma

- Research other competing companies within the role you are interviewing for
- Analyze differences in competing drugs and subtly incorporate into your interview answers to show you researched the space
- Find previous or ongoing clinical trials related to the company's drug

Intangibles with Investment Research

- Ability to use recent headlines to predict future industry trends and associated stock prices
- Improved researching efficiency
 - Knowing what to look for and where to look
- Understanding the intersection between business and clinical knowledge

Some Brief Announcements

- Seeking a P1 rep!
 - Work with the board to help make PPIP's investing-related events a success
 - Develop your presentation skills in an easy-to-manage, low-stakes environment
 - Amble opportunities to grow into larger PPIP positions
 - Position advancement is nice for CVs
 - To apply, send a simple explanation of why you want the position to CLB236@pitt.edu
- Biotech Investment Fantasy League
 - Main event in the fall
 - Mock investing for a cash prize!
 - Unique portfolio evidence - entrepreneurship/innovation
 - Usually starts in October – Keep an eye out for emails!

