Endocrine GO-FISH Rules

Game Setup:

1. Shuffle the deck of cards.
2. Depending on the number of players, distribute the following number of cards:
    a. If 2 players, 12 cards each
    b. If 3 players: 9 cards each
    c. If 4 players: 6 cards each
3. The player who last played a card game goes first.
4. Play continues in a clockwise manner.

Game Goal:

Players must collect triplets of corresponding cards. A triplet MUST contain ONE Organ card, ONE Hormone card, and ONE Hormone Function card. In order for the cards in a triplet to correspond, the hormone function must match the hormone and the hormone must match the organ.

Game Rules:

1. On a player's turn, players ask their opponents if they have a specific card.
    a. If an opponent has the card, they must give it to the player.
    b. If more than one opponent has the card, the closest opponent in the turn order must provide the card.
    c. If no opponent has the card, the player draws a card from the pile.
    d. WILD cards cannot be stolen.
2. If a triplet is made, the player places them in a pile in front of them.
3. The next player begins their turn.

Game End:

The game ends when there are no more cards in the draw pile. The player with the greatest number of triplets wins the game. Additionally, the group can agree on a certain number of triplets to achieve to end the game.

TRIPLETS ARE ON THE NEXT PAGE

Triplets:

Organ: Pancreas
Hormone: Insulin
Hormone function: Glucose homeostasis

Organ: Pancreas
Hormone: Glucagon
Hormone function: Glucose homeostasis

Organ: Thyroid gland
Hormone: T3 & T4
Hormone function: Body temperature regulation

Organ: Pituitary gland
Hormone: Thyroid stimulating hormone (TSH)
Hormone function: Body temperature regulation

Organ: Kidney
Hormone: Calcitriol
Hormone function: Calcium homeostasis

Organ: Thyroid gland
Hormone: Calcitonin
Hormone function: Calcium homeostasis

Organ: Pituitary gland
Hormone: Antidiuretic hormone (ADH)
Hormone function: Blood pressure regulation

Organ: Kidney
Hormone: Renin
Hormone function: Blood pressure regulation

Organ: Heart
Hormone: Atrial natriuretic peptide (ANP)
Hormone function: Blood pressure regulation

Organ: Adrenal gland
Hormone: Aldosterone (ALD)
Hormone function: Blood pressure regulation

Organ: Adrenal gland
Hormone: Epinephrine & norepinephrine
Hormone function: Stress response

Organ: Adrenal gland
Hormone: Cortisol
Hormone function: Stress response

Organ: Pituitary gland
Hormone: Follicle stimulating hormone (FSH)
Hormone function: Sex cell & hormone production

Organ: Pituitary gland
Hormone: Luteinizing hormone (LH)
Hormone function: Sex cell & hormone production

CARD NAMES AND THEIR FREQUENCY ARE ON THE NEXT PAGE

Card names and their frequency for a 90-card deck

Organs	Freq.	Hormone function	Freq.	Hormone	Freq.
Pituitary gland	8	Sex cell and hormone prod.	4	Calcitriol	2
Kidney	4	Body temperature regulation	4	Atrial natriuretic peptide (ANP)	2
Heart	2	Blood pressure regulation	8	Follicle stimulating hormone (FSH)	2
Thyroid gland	4	Stress response	4	Thyroid stimulating hormone (TSH)	2
Adrenal gland	6	Calcium homeostasis	4	Calcitonin	2
Pancreas	4	Glucose homeostasis	4	Luteinizing hormone (LH)	2
				Renin	2
				T3 & T4	2
				Aldosterone (ALD)	2
				Glucagon	2
				Cortisol	2
				Insulin	2
				Antidiuretic hormone (ADH)	2
				Epinephrine & Norepinephrine	2

Wild card x6