

Tag der wissenschaftlichen Arbeiten

RWTH Aachen University
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Writing dynamically

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..... Dynamic writing from the reader's perspective

- Write with reader expectations in mind.
- Ask yourself:
 - How will a reader perceive this phrase/sentence/paragraph?
 - Does my structure effectively communicate the meaning and purpose I want to convey?

..... Is this good writing?

This is the first sentence in the introduction section of an article in the *Journal of Clinical Oncology*:

Adoptive cell transfer (ACT) immunotherapy is based on the ex-vivo selection of tumor-reactive lymphocytes, and their activation and numerical expression before reinfusion to the autologous tumor-bearing host.

- Can you easily understand this sentence?
- Do you think this sentence is interesting to read?
- Are you left feeling like this 🤔 or like this 🧠?



Dudley, M., et al., 2005. Adoptive Cell Transfer Therapy Following Non-Myeloablative but Lymphodepleting Chemotherapy for the Treatment of Patients With Refractory Metastatic Melanoma. *Journal of Clinical Oncology*, [online] 23(10), pp.2346-2357. Available at: <<http://bi.nlm.nih.gov/pmc/articles/PMC1475951/>> [Accessed 1 February 2025].

..... What do readers look for in a text?

Readers look for a story about characters and actions.

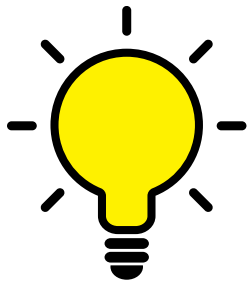


..... Write a story about characters and actions

- Use concrete nouns as subjects.
- Use strong verbs.
- Avoid long sentence subjects and interruptions between subjects and verbs.
- Avoid turning verbs into nouns.
- Put information in predictable locations.

..... Write a story about characters and actions

Adoptive cell transfer (ACT) immunotherapy is based on the ex vivo selection of tumor-reactive lymphocytes, and their activation and numerical expression before reinfusion to the autologous tumor-bearing host.



- **Complex ideas don't require complex language!**
- **Your writing should be easy to understand, easy to read and enjoyable!**

..... Use concrete subjects

Passive voice



The behavioral manifestations of stress responses **have been shown** to vary greatly between individuals in rodents, pigs, birds, fish, and humans. (21 words)

Active voice



Individual rodents, pigs, birds, fish, and humans **behave** very differently in response to stress. (14 words)

..... Use strong verbs



An evaluation of the data was done.



The data were evaluated.

..... Avoid long sentence subjects and interruptions between subjects and verbs



The smallest of the URF's (URFA6L), a 207-nucleotide (nt) reading frame overlapping out of phase the NH2-terminal portion of the adenosinetriphosphatase (ATPase) subunit 6 gene, has been identified as the animal equivalent of the recently discovered yeast H⁺- ATPase subunit 8 gene.



The smallest of the URF's is URFA6L, a 207-nucleotide (nt) reading frame overlapping out of phase the NH2-terminal portion of the adenosinetriphosphatase (ATPase) subunit 6 gene; it has been identified as the animal equivalent of the recently discovered yeast H⁺-ATPase subunit 8 gene.

..... Avoid turning verbs into nouns



The installation of the new equipment was carried out.



The new equipment was installed.

..... Put information in predictable locations

- Put familiar information at the beginning of sentences (“the topic position”).
- Put new information at the ends of sentences (“the stress position”).

..... Put information in predictable locations

Example:

Subjects will be randomly assigned to 2 groups.

The **control group** will perform standard balance exercises with a physical therapist;

the **experimental group** will perform the same exercises with a physical therapist while using the ABF device.

The **balance exercises** are a modification of Frenkel's exercises_(1902) widely used in the rehabilitation to improve balance in patients with somatosensory ataxia (ref.)

For each **subject group**, we will add standing and walking exercises, with and without vision, under challenging surface conditions.

..... Contact

- Allgemeine Informationen

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