Protein databases like UniProt are growing quickly!

- **2.5 Years**
  - Time it will take to double the number of entries in UniProt at its current growth rate. But the database is already struggling to maintain accuracy.

- **50%**
  - Estimated percentage of annotations in automatically annotated databases that are uncertain, unknown or even flat-out wrong.

- **< 0.5%**
  - Percentage of entries in UniProt that are manually curated from the literature.

116,587,823

Number of UniProt entries in June 2018

**How Big Is the Problem?**

**Can This Be Fixed?**

Yes! *Biochemistry* is leading the way with new guidelines that will help authors improve the quality of these annotations.

**3 Ways You Can Help!**

- Include UniProt/NCBI accession IDs for all proteins experimentally characterized in your manuscripts—whether you’re submitting to BIOCHEMISTRY or any other journal.
- Tell your colleagues about this initiative.
- Encourage other journals to do the same.

**3 Big Benefits!**

- Reviewers/readers will know which proteins are being investigated.
- Protein database annotations will become more reliable.
- Automated annotations of newly sequenced genomes will be more accurate.