

## CORRIGENDUM

# Thoughts and facts about antibiotics: Where we are now and where we are heading

János Bérdy

*The Journal of Antibiotics* (2012) **65**, 441; doi:10.1038/ja.2012.54

**Correction to:** *The Journal of Antibiotics* (2012) **65**, 385–395; doi:10.1038/ja.2012.27; published online 18 April 2012

The author of the above article noted errors in publication of this paper. On page 390, the first sentence of the fourth paragraph in ‘Taxonomic Diversity’ section should be corrected as:

Today, the largest group of microbial metabolites is produced by various fungi (45%), which include basidiomycetes (mushrooms;

11%) and microscopic eukaryotic organisms (33%), such as microscopic, filamentous fungi including *Penicillium*, *Aspergillus* and *Trichoderma* and hundreds of other species.

Also, in Table 3, proportion of Actinobacteria in 1940–1974 (early years) should be 62%. Corrected Table is shown below.

The article incorporating these corrections appears in this issue. The online html and pdf versions have also been rectified.

**Table 3** Approximate number of bioactive microbial metabolites in periods from 1940 to 2010 according to their producers

| Periods                         | 1940–1974   |    | 1975–2000  |    | 2001–2010   |      | Total  |
|---------------------------------|-------------|----|------------|----|-------------|------|--------|
|                                 | Early years | %  | Mid-era    | %  | New age     | %    |        |
| <i>Species</i>                  |             |    |            |    |             |      |        |
| Actinobacteria                  | 3400        | 62 | 7200       | 42 | 3100        | 28.5 | 13 700 |
| <i>Streptomyces</i> sp.         | 2900        |    | 5100       |    | 2400        |      | 10 400 |
| Other actinobacteria            | 500         |    | 2100       |    | 700         |      | 3300   |
| <i>All microscopic bacteria</i> | 800         | 15 | 2300       | 13 | 1100        | 10   | 4200   |
| Myxobacteriales                 | 25          |    | 400        |    | 210         |      | 635    |
| Cyanobacteria                   | 10          |    | 30         |    | 1250!       |      | 1290!  |
| <i>All Fungi</i>                | 1300        | 23 | 7700       | 45 | 6600        | 61   | 15 600 |
| Microscopic fungi               | 950         |    | 5400       |    | 4900        |      | 11 250 |
| Basidiomycetes                  | 300         |    | 1800       |    | 1500        |      | 3600   |
| Other fungi                     | 20          |    | 200        |    | 160         |      | 380!   |
| Total per year                  | 5500/180    |    | 17 000/690 |    | 10 800/1100 |      | 33 500 |