

# ERASysAPP - Second Joint Call for Proposals

ERASysAPP, the ERA-Net for Applied Systems Biology Research, is launching its second joint call for project proposals. This transnational call focuses on '**Further Transfer of Systems Biology Knowledge into Applications**' aims to encourage scientists from ten participating countries to collaborate and share resources beyond national boundaries.

The main conditions for interested systems biology researchers are:

- A focus on **application-oriented research approaches**.
- The research needs to address **microorganisms, plants and/or animals** within the area of life sciences and biotechnology, and tackle **biological and physiological processes**. This call excludes human health and medical research as topic. In addition, clinical trials must not be part of proposals in this call
- For the purpose of this 2nd ERASysAPP call, nine scientific systems biology fields have been identified. Each application must meet at least one of these thematic fields:
  - Utilizing enzymatic diversity of organisms from different realms populating different (extreme) habitats
  - Identification and utilization of the metabolic potentials from genomic data-sets
  - Mapping and exploitation of cellular processes and metabolic capacities for bioproduction purposes exploiting SB approaches
  - Recombinant biosynthesis of fine chemical and valuable substances
  - Investigation of regulatory mechanisms in intra- and intercellular processes (e. g. epigenomic, proteomic and population dynamics)
  - Exploration, investigation and usage of new production platforms for biotechnology
  - Efficacy of plant, microorganism and animal primary production
  - Development of new computational methods for SB
  - Development of new methodological approaches for SB.
- Only **international research consortia** consisting of a **minimum of three and a maximum of six research groups** from at least **three different participating ERASysAPP countries** can apply.
- **Regulations** defined in the **National Annexes** of the participating countries need to be met.

Participating countries are Cyprus, Estonia, Germany, Iceland, Latvia, The Netherlands, Norway, Romania, Sweden and Switzerland.

**The submission deadline** for proposals will be **January 14, 2015**.

All proposals must be submitted online using the **electronic proposal submission system** which will be available as of **November 29, 2014** under <https://proposals.etag.ee/erasysapp/>.

For further information on the ERA-Net ERASysAPP visit

<https://www.erasysapp.eu>

For further information on the present call and download of relevant call documents visit

<https://www.erasysapp.eu/calls>