

Executive Summary

The Polish Zebrafish Society (PTZ) is a cornerstone of zebrafish research in Poland, fostering scientific excellence, collaboration, and public engagement. This roadmap outlines our strategic vision for 2025–2030, focusing on:

1. **Research Excellence & Collaboration**
2. **Education & Professional Development**
3. **Standardization & Best Practices**
4. **Community Building & Networking**
5. **Public Outreach & Science Communication**

By implementing this plan, PTZ will strengthen Poland's role in global zebrafish research while supporting members at all career stages.

Current Achievements (2015–2025)

- Organized 4 successful PTZ Meetings.
 - Organized 6 workshops, the 7th underway
 - Launched outreach programs engaging the public.
 - Established a **Zebrafish Breeding & Welfare Section**.
 - Developed international ties with the European Zebrafish Society (**EZS**) and European Animal Research Association (**EARA**).
 - Built a strong financial and organizational foundation.
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Strategic Pillars & Action Plan

1. Research Excellence & Collaboration

2025–2026:

- Create a **database of Polish zebrafish facilities** (equipment, specializations, contacts).
- Launch **collaborative funding programs** (lab exchanges, workshops).
- Host **CRISPR-Cas9 workshops**.
- Establish a **mentorship program** (PhD and up to three years after + senior scientists).

2027–2030:

- Formalize partnerships with **additional international organizations**.
 - Introduce **PTZ-specific small research grants**.
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2. Education & Professional Development

2025–2026:

- **Soft skills training** (presentations, poster design, group management).
- Publish **Polish-language husbandry guidelines**.
- Develop **online educational resources**.

2027–2030:

- Design **undergraduate/graduate zebrafish curricula**.
 - Launch **annual summer schools**.
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3. Standardization & Best Practices

2025–2026:

- Publish **husbandry/welfare guidelines** to be used for grants/ethics committees applications.
- Standardize **experimental protocols**.
- Form an **ethics advisory committee**.

2027–2030:

- Contribute to **international standards (EZS)**.
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4. Community Building & Networking

2025–2026:

- Redesign **PTZ website** (resource hub, member directory).
- Host **quarterly online seminars** ("Grant Stories").
- Strengthen **brand recognition**.

2027–2030:

- Create a **Polish zebrafish researcher network** (LinkedIn).
 - Partner with **industry/biotech companies**.
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5. Public Outreach & Science Communication

2025–2026:

- Develop Primary and secondary **school materials** about zebrafish.
- Boost **social media presence**.
- Organize **open-house events** at zebrafish labs.

2027–2030:

- Launch a **citizen science project**.
 - Collaborate with **science museums (e.g., Copernicus Center or similar)**.
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Implementation & Next Steps

- **Board Review:** Discuss priorities at the next meeting.
 - **Working Groups:** Volunteers needed for committees (e.g., Guidelines, Travel Grants).
 - **Member Engagement:** Share feedback via email/surveys.
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Join the Movement!

PTZ's success depends on **your participation**. Get involved by:

- Joining a **working group**.
- Attending **workshops/seminars**.
- Promoting zebrafish research in your network.

Together, we'll elevate Polish zebrafish science globally!