Xalara (XALRA) — Litepaper v1

Date: 2025-10-08
Contact: xalara.project@gmail.com · https://xalara.io · https://twitter.com/Xalara_Token

1. Abstract

Xalara (XALRA) is an ERC-20 token on Ethereum that funds open-source tools and micro-grants at the intersection of **biotechnology**, **longevity**, and **AI-assisted research**. We prioritize transparent, reproducible outputs (datasets, scripts, tutorials) over speculation. XALRA enables low-friction community contribution, coordination, and on-chain accountability.

2. Motivation & Scope

Longevity and bioinformatics progress is often constrained by **tooling, curation, and reproducibility**. Small, high-leverage contributions—data normalization scripts, visualization notebooks, pipeline templates—can save researchers weeks. Xalara funds and organizes these contributions, publishing artifacts permissively (e.g., MIT/CC-BY) with public proofs.

Focus areas

- 🧬 **Longevity R&D:** biomarker curation, assay standardization, literature triage

- 🤖 **AI for bioinformatics:** reproducible ML pipelines; synthetic data where appropriate

- 🤝 **Micro-grants & bounties:** practical tools, reproducibility rewards, docs & tutorials

3. Token Overview

- **Symbol / Decimals:** XALRA / 18

- **Total Supply:** 1,000,000,000 XALRA (fixed at deploy)

- **Mainnet Contract:** `0x20F58aC708D2ebBA5f4B6f1687073f631714f9F3`

- **Owner (Safe multisig):** `0x5aBB817aaE8C17fBc97D2E2b4f08B35457aA1405`

- **Features:** Pausable, Burnable, EIP-2612 Permit, **no transfer taxes**

- **Distribution today:** Treasury held in the Safe; circulating supply published at `/api/circulating`.

Transparency endpoints

- Circulating: `https://xalara.io/api/circulating`

- Pool snapshot (Uniswap v2): `https://xalara.io/api/pool`

4. Treasury & Spending Policy

The **Safe** holds the project treasury (XALRA and LP). Treasury usage:

- **Micro-grants & bounties:** useful tools and reproducible outputs

- **Operations:** hosting, infra, small design/content costs

- **Liquidity health:** see §5

Grant cadence (initial): small rounds (e.g., 3–5 grants). We post proposals, approvals, and receipts (tx hashes, repos) on the site and X.

Prioritization

1. Clear, reproducible output

2. High community utility

3. Reasonable scope (weeks, not months)

5. Liquidity Policy

- **DEX:** Uniswap v2 **ETH/XALRA**

- **Pair:** `0x87D0F6e909C459B1dA253F1A9570cceC8F59Bb91`

- **LP custody:** LP tokens held by the Safe.

- **Plan:** After early community milestones (followers/holders), we will **lock or burn** a portion of LP and publish the proof (locker link or tx hash). We will pre-announce

≥24h.

6. Governance & Community

Early phases use **stewardship via the Safe** with public proposals and receipts. As the community grows, we'll pilot **lightweight off-chain signaling** (e.g., Snapshot) for grant prioritization and may evolve toward delegated review or formal roles.

7. Transparency & Reporting

We maintain machine-readable endpoints and canonical links:

- **Contract (verified):** Etherscan code tab

- **Circulating supply:** `/api/circulating`

- **Pool snapshot:** `/api/pool`

- **Announcements:** https://twitter.com/Xalara_Token

- **Site:** https://xalara.io (About, Press, proofs)

8. Risks & Disclaimers

- **No investment promise.** XALRA is a utility/community token; it does not represent equity, returns, or claims on assets.

- **No medical claims.** Xalara funds tools and examples; it does not provide medical advice.

- **Smart contract risk.** On-chain activity carries risk.

- **Market risk.** Liquidity is limited; prices can be volatile.

- **Operational risk.** Grants depend on available treasury and contributor availability.

9. Roadmap & Milestones

- ✅ **Phase 0:** Deploy & verify contract; Safe owner; first Uniswap v2 pool

- 🧪 **Phase 1:** 100 X followers / 50 holders → publish this litepaper + first demo notebook

- 🔭 **Phase 2:** 250 X followers / 150 holders → first micro-grants; announce LP lock schedule

- 🧬 **Phase 3:** 500 X followers / 300 holders → lock a portion of LP; ship two reproducible examples

- 🌐 **Phase 4:** 1k X followers / 500 holders → scale grants; community voting

10. Appendix: Addresses & Links

- **Token:** `0x20F58aC708D2ebBA5f4B6f1687073f631714f9F3`

- **Owner (Safe):** `0x5aBB817aaE8C17fBc97D2E2b4f08B35457aA1405`

- **Uniswap v2 Pair:** `0x87D0F6e909C459B1dA253F1A9570cceC8F59Bb91`

- **Router:** `0x7a250d5630B4cF539739dF2C5dAcb4c659F2488D`

- **Site:** https://xalara.io · **X:** https://twitter.com/Xalara_Token

- **APIs:** `/api/circulating`, `/api/pool`

- **Tokenlist:** https://xalara.io/tokenlist.json