

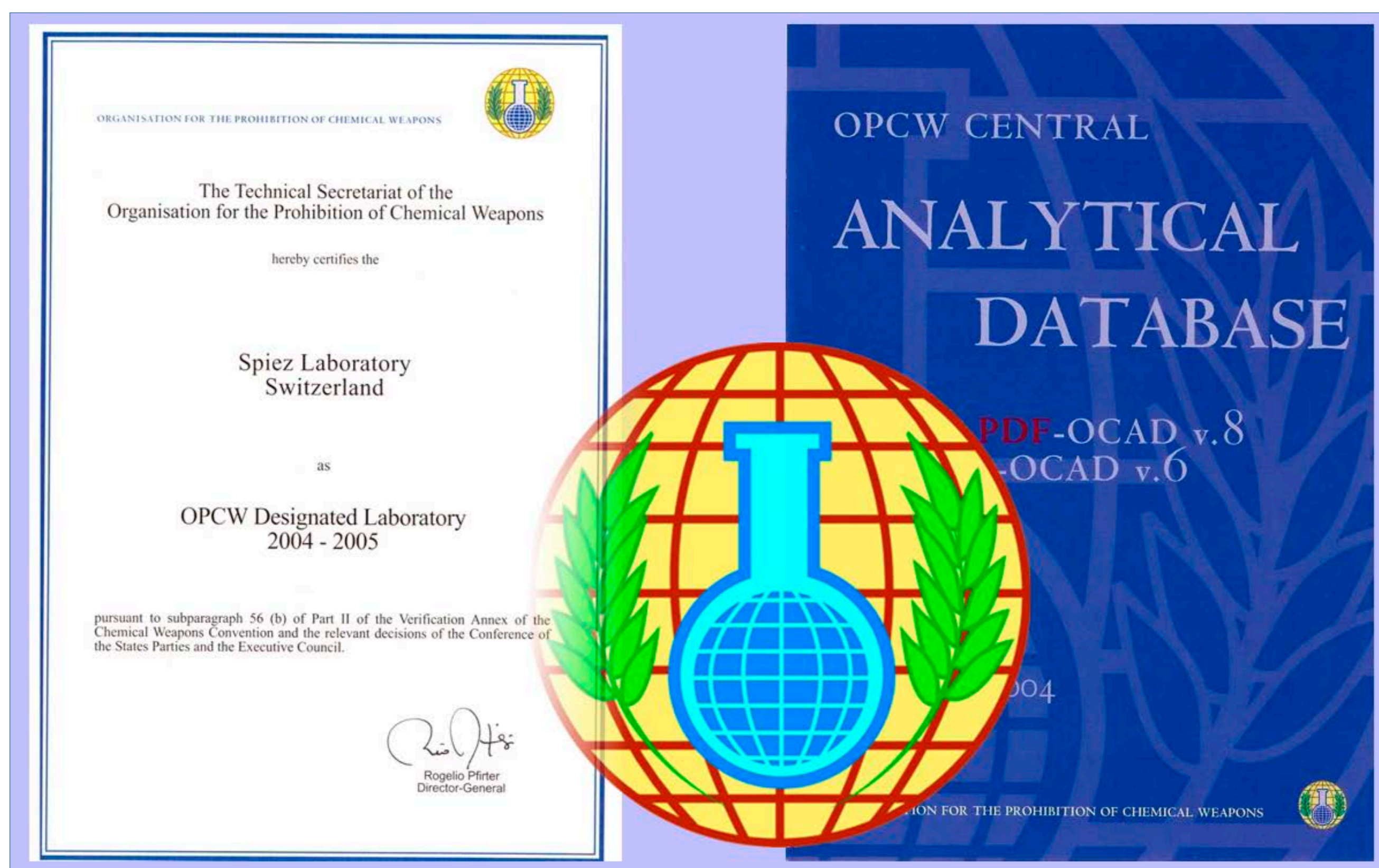
# Analytical Chemistry

Internationally recognised verification laboratory for chemical warfare agents



## Testing laboratory for CW agents

- Accredited verification laboratory for chemical warfare agents (CWA)
- Development of methods for the preparation of environmental, material and biomedical samples
- State-of-the-art instrumentation and methodology for the identification of precursors, degradation products and metabolites of CWA and other toxic chemicals
- Development of expertise through research collaborations with national and international partners
- Assessing of competence in international Proficiency Tests since 1989



## Support for the OPCW

- Designated laboratory of the Organisation for the Prohibition of Chemical Weapons (OPCW)
- Support of the OPCW with the implementation of the Chemical Weapons Convention (CWC)
- Analysis of authentic samples from OPCW inspections
- Significant contribution to the OPCW Central Analytical Database (OCAD)
- Contribution to OPCW groups (SAB, TWG, VG, QE-Team)



## Protection of the Swiss population

- Operation of the national CWA verification laboratory for the protection of the Swiss population
- Testing of samples for the presence of CWA and other toxic chemicals for federal and cantonal authorities
- Analysis of samples from the Swiss Emergency Response Team for CWA incidents (EEVBS) and advice of First Responders
- Support from the Swiss Army's NBC Defense Laboratory in case of major incidents



## Tasks from international organisations

- Internationally recognised and appreciated expertise
- Expertise and analyses for international organisations (e.g. UN, OPCW, ICRC)
- Training of interns in verification analysis
- Participation in missions in connection with alleged use of CWA since 1984
- Analysis of samples from all over the world

