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# BWG (potential) Topics

- BioMedical: starting (co-ord: Roberto della Marina, Henning Wicht)

## Notes from 29 Nov 2006, NEXUS FP7 Workshop: Work group on BWG topics

Chair: Roberto della Marina, Henning Wicht



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# Challenges in running BWGs

## Starting point:

- **Inventory of capabilities of BWG partners -> first competences/wishes matrix**

## Ideas:

- **Each user prepares 1-2 slides with more details about competences, applications and target**
- **Preparation for FP7 calls: BWG would provide skilled partners to application oriented IPs or STREPs**
- **Give visibility to MNT companies**
- **Collaborate with other networks and (co-)offer their services**



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# Competence/Target matrix

- Some keyword pops-up: **sensors, simulations, toxicity test**

Competences	Applications	Target/Wishes
Cell based assay	<ul style="list-style-type: none"> <li>•Pharma Screening</li> <li>•In-vitro Toxicity meas</li> </ul>	<ul style="list-style-type: none"> <li>•uFluidics manuf</li> <li>•Cosmetic Industry</li> </ul>
uFluidics Simulations + design Sensors (pH, CO, Glucose..)	<ul style="list-style-type: none"> <li>•In-vitro Toxicity meas</li> </ul>	<ul style="list-style-type: none"> <li>•uFluidics manuf</li> </ul>
Sensors (pH, CO, Glucose..)	<ul style="list-style-type: none"> <li>•DNA screening</li> </ul>	<ul style="list-style-type: none"> <li>•End Users</li> <li>•Pharma, System Integrators</li> </ul>
uFluidics Simulations + design (Finite elements)	<ul style="list-style-type: none"> <li>•Fluid solid interface</li> <li>•Biomechanical sensors</li> <li>•Prothesis</li> </ul>	<ul style="list-style-type: none"> <li>•System integrators w/ Wireless competences</li> </ul>
Validation of invitro toxicology assays	<ul style="list-style-type: none"> <li>•In-vitro Toxicity meas</li> <li>•Prevalidation studies</li> </ul>	<ul style="list-style-type: none"> <li>•Technology provider</li> <li>•Service on prototypes</li> </ul>