**Check One:** [ ] **Project** [x] **Review** [ ] **Collaboration**

[ ] **Workshop** [ ] **Other**

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| **Descriptive Title** | Process scaleup and scale down: Equipment sizing for lab, pilot, and manufacturing with granulation circuits |
| **Working Title[[1]](#footnote-1)** | Granulation Scaleup |
| **Technical Area[[2]](#footnote-2)** | SE – Systems |
| **Date** | June 2005 |
| **Short Description** | Update on scaleup/down of integrated granulation circuits, e.g., progress since 2000. |
| **Objectives** | What is the “smallest best unit op that we can use to develop a product using a granulation circuit. |
| **Scope** | Powder feeders, binder pumps, granulator, mill, dryer, transport (fines, overs)…  |
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| **Recommended Contractors (2 or 3)** |
| **Name** | **Institution** | **Email Address** |
| Jim Michaels | IFPRI | Ifpri.vp@google.edu |
| Jim Litster | Sheffield emeritus |  |
| Agba Salman | Sheffield |  |
| Reihard Kohlus |  |  |

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| --- |
| **Submitted By:** |
| **Name** | **Organization** |
| Brian Karim | Lincoln |
| Mike Gentzler | Merck |
| Par Tuffvesson  | Novonesis |
| Brian Levy-Polis | FMC |

1. Title used in meeting agendas and file archives [↑](#footnote-ref-1)
2. One or more from the following list: W = wet systems; D = dry systems; F = particle formation; SR = size reduction; M = modeling; SE = systems engineering [↑](#footnote-ref-2)