At Adaptive, we aim to translate the genetics of the adaptive immune system into diagnostics and therapeutics to improve patients' lives. Our commitment to patients extends to all aspects of our work and we see our suppliers as being an integral part of our commitment.

Adaptive encourages innovation and strives for economic, social and environmental sustainability to safeguard the long-term success of Adaptive and its stakeholders and aims to apply the highest ethical standards. In support of this goal, Adaptive has adopted the following Supplier Code of Conduct and we require all suppliers to understand and comply to the principles embodied herein.

Thank you for your commitment to Adaptive and for partnering with us to fulfill our mission,

Chad Robins
Chief Executive Officer, Co-Founder
Adaptive Supplier Code of Conduct

Effective Date: September 2019

Ethics

Suppliers shall conduct their business in an ethical manner and act with integrity. Ethics elements include the following:

1. Business Integrity and Fair Competition
   All corruption, extortion and embezzlement are prohibited. Suppliers shall not pay or accept bribes or participate in other illegal inducements in business or government relationships. Suppliers shall conduct their business consistent with fair and vigorous competition and in compliance with all applicable anti-trust laws. Suppliers shall employ fair business practices, including accurate and truthful advertising.

2. Identification of Concerns
   All workers should be encouraged to report concerns or illegal activities in the workplace without threat of reprisal, intimidation or harassment. Suppliers shall investigate and take corrective action if needed.

3. Animal Welfare
   As applicable, Animals shall be treated humanely with pain and stress minimized. Animal testing should be performed after consideration to replace animals, to reduce the numbers of animals used, or to refine procedures to minimize distress.

4. Privacy
   Suppliers shall safeguard and make only proper use of confidential information to ensure that company, worker and patient privacy rights are protected.

Labor

Suppliers shall be committed to uphold the human rights of workers and treat them with dignity and respect. Labor elements include the following:

1. Freely Chosen Employment
   Suppliers shall not use forced, bonded or indentured labor or involuntary prison labor.

2. Child Labor and Young Workers
   Suppliers shall not use child labor. The employment of young workers below the age of 18 shall only occur in non-hazardous work and when young workers are above a country’s legal age for employment or the age established for completing compulsory education.

3. Non-Discrimination
   Suppliers shall provide a workplace free of harassment and discrimination. Discrimination for reasons such as color, age, gender, sexual orientation, ethnicity, disability, religion, political affiliation, union membership or marital status is not tolerated.
Adaptive Supplier Code of Conduct

4. **Fair Treatment**
   Suppliers shall provide a workplace free of harsh and inhumane treatment, including any sexual harassment, sexual abuse, corporal punishment, mental or physical coercion or verbal abuse of workers, and no threat of any such treatment.

5. **Wages, Benefits and Working Hours**
   Suppliers shall pay workers according to applicable wage laws, including minimum wages, overtime hours and mandated benefits. Suppliers shall communicate with the worker the basis on which they are being compensated in a timely manner. Suppliers are also expected to communicate with the worker whether overtime is required and the wages to be paid for such overtime.

6. **Freedom of Association**
   Open communication and direct engagement with workers to resolve workplace and compensation issues if encouraged. Suppliers shall respect the rights of workers, as set forth in local laws, to associate freely, join or not join labor unions, seek representation and join workers’ councils. Workers shall be able to communicate openly with management regarding working conditions without threat of reprisal, intimidation or harassment.

**Health & Safety**

Suppliers shall provide a safe and healthy working environment, including for any company provided living quarters. Health & safety elements include:

1. **Worker Protection**
   Suppliers shall protect workers from over exposure to chemical, biological, physical hazards and physically demanding tasks in the workplace and in any company provided living quarters.

2. **Process Safety**
   Suppliers shall have programs in place to prevent or mitigate catastrophic releases of chemicals.

3. **Emergency Preparedness and Response**
   Suppliers shall identify and assess emergency situations in the workplace and any company provided living quarters, and to minimize their impact by implementing emergency plans and response procedures.

4. **Hazard Information**
   Safety information relating to hazardous materials - including pharmaceutical compounds and pharmaceutical intermediate materials - shall be available to educate, train, and protect workers from hazards.

**Environment**

Suppliers shall operate in an environmentally responsible and efficient manner to minimize adverse impacts on the environment. Suppliers are encouraged to conserve energy and natural resources, to avoid the use of hazardous materials where possible, and to engage in activities that reuse and recycle materials. Environmental elements include:
1. **Environmental Authorizations**
   Suppliers shall comply with all applicable environmental regulations. All required environmental permits, licenses, information registrations and restrictions shall be obtained and their operational and reporting requirements followed.

2. **Waste and Emissions**
   Suppliers shall have systems in place to ensure the safe handling, movement, storage, recycling, reuse, or management of waste, air emissions and wastewater discharges. Any waste, wastewater or emissions with the potential to adversely impact human or environmental health shall be appropriately managed, controlled and treated prior to release into the environment.

3. **Spills and Releases**
   Suppliers shall have systems in place to prevent and mitigate accidental spills and releases of fuels, raw materials, chemicals, intermediates, products, and other hazardous materials to the environment.

**Management Systems**

Suppliers shall use management systems to facilitate continual improvement and compliance with the expectations of these principles. Management systems elements include:

1. **Commitment and Accountability**
   Suppliers shall demonstrate commitment to the concepts described in this document by allocating appropriate resources.

2. **Legal and Customer Requirements**
   Suppliers shall identify and comply with applicable laws, regulations, standards and relevant customer requirements.

3. **Risk Management**
   Suppliers shall have mechanisms to determine and manage risks in all areas addressed by this document.

4. **Documentation**
   Suppliers shall maintain documentation necessary to demonstrate conformance with these expectations and compliance with applicable regulations.

5. **Training and Competency**
   Suppliers shall have a training program that achieves an appropriate level of knowledge, skills and abilities in management, and workers to address these expectations.

6. **Continual Improvement**
   Suppliers are expected to continually improve by setting performance objectives, executing implementation plans and taking necessary corrective actions for deficiencies identified by internal or external assessments, inspections, and management reviews.